



PACHHUNGA UNIVERSITY COLLEGE

(A CONSTITUENT COLLEGE OF MIZORAM UNIVERSITY)

AIZAWL, MIZORAM - 796001

website: www.pucollege.in

email: pachhungaunivcollege@gmail.com

Reaccreditation 2nd Cycle



SELF STUDY REPORT (SSR)

Submitted to
National Assessment and Accreditation Council
Bangalore

2016



PUC ANTHEM

1. Resting calm amidst the trees,
Lies our peaceful wisdom's spring;
Where nascent minds and curious hearts,
All join force in youthful glee.

*We will strive till we succeed,
Though the roads be rough and steep;
We will run towards our dreams
Never shall we fear defeat.*

2. Forging on to lead the land,
As countless braves have done before;
Learning to serve in sweet accord,
For Peace and Justice we shall stand.

Pachhunga Univeristy College

Aizawl, Mizoram

Constituent College of Mizoram University

website: www.pucollege.in E-mail: pachhungaunivcollege@gmail.com

iqac.puc@gmail.com

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P R E F A C E

Pachhunga University College is the Constituent College of Mizoram University. The college caters Undergraduate degree course in Arts, Science and Commerce. The college was established on 15th August 1958 as 'Aijal College' to become the first institution of higher education in Mizoram. It was founded and managed by a group of Mizo elders among which Mr. Pachhunga, a leading entrepreneur of the day, was the major benefactor, and after his demise the college was renamed Pachhunga Memorial College.

The college was provincialized by the Assam Government in 1965 and the college became Pachhunga Memorial Government College (PMG). On April 19, 1979 the North Eastern Hill University (NEHU) adopted and upgraded it as its only constituent college to become a pace-setting institution. The college eventually received its fourth name Pachhunga University College (PUC). With the establishment of Mizoram University, the entire management was handed over to the new university on July, 2001. The college caters undergraduate courses in 21 subject areas of Arts, Science and Commerce streams. The academic programme include, apart from effective class room teaching, internal semester test for semester system students (introduced in 2011-12 academic session) two terminal exams, periodic class tests, seminars, assignments, remedial courses, field studies etc. The college also promotes students exposure through study tours and excursion inside and outside the State. The college is a student centric centre. Students' welfare is the number one priority inside the college. The college is also the leader among all college in terms of research activities and publications. The college is also selected under "Star college scheme" by the Department of Biotechnology in 2012.

This Self Study Report being submitted for the second cycle of Assessment and Accreditation presents information as per the requirement laid down by NAAC in this regard. The report has been organized in two parts. The first part includes a Profile of the College and Executive Summary. The second part consists of the Criterion-wise Report and Department-wise Evaluative Report.

It is my privilege to submit the Self Study Report to the National Assessment and Accreditation Council, Bangalore for assessment and accreditation of the college.

With kind regards



Principal
Pachhunga University College
Aizawl: Mizoram

Dr. Tawnenga

SELF STUDY REPORT 2015**PACHHUNGA UNIVERSITY COLLEGE****EXECUTIVE SUMMARY****CRITERION I: CURRICULAR ASPECTS**

The motto of the college "Learning and Service" is reflected upon in the vision and mission. Right from its inception in 1958 the college strives to serve community through academic excellence and societal services.

The college is the only college in Mizoram offering three streams of graduate studies - Arts, Science and Commerce. The college offers 11 Arts subjects, 9 Science and a Commerce subject. This vast array of disciplines and subjects combinations provides to students a broad choice of courses, according to their interest. With a focus on student centric development of the students, excellence in both curricular as well as the extra-curricular activities is promoted.

Since the college is the only constituent college of Mizoram University, faculties of the college play an important role in the development of curricula of the University. Faculties of the college act as members of the School board, Board of Studies. The college have 28 faculties serving as member of School board, 42 faculties served as member BOS during the assessment period. 47 faculties are also involved in framing the CBCS system in the University. The college also has representatives in the Academic Council and Executive Council of the University.

The college has a good infrastructural and procedural support for effective curricular transaction. Technological innovations and innovations in traditional methods are used for holistic and student centric development. Practical based, field based, study tours, special talks, on the spot lecture system etc are also used for effective curricular transactions.

The college also conducts Certificate Courses, Diploma Courses and other add-on courses for students. The college has one self financed course in degree level - B. Sc in Biotechnology.

The college holds international, national, state and college level seminars/workshop and symposia in cross cutting issues like suicide prevention, biodiversity conservation, environmental awareness, human rights, education policy, etc. In an attempt towards creating awareness the college has a Women's Cell, Legal Cell, IT and Website committee, Eco club, Red Ribbon Club, Cultural Club, etc. which are meant to broaden an individual's mental horizons.

The college also has a good feedback system from various sections of stakeholders including students, parents, faculty, alumni and subject experts. Principal, Vice Principal, Academic committee and IQAC plays an important role in monitoring curricula transactions.

CRITERION II: TEACHING-LEARNING AND EVALUATION

The college provides quality education in twenty one subjects. The college has a good, fair and transparent system of selection of candidates. Selections of candidates are done through merit system. The college admission rules and regulations are clearly interpreted in the college prospectus. Reservations of seats for the underprivileged and special section of the society are clearly defined.

The college is one of the most sought after educational institution for new admission. During the years 2011-15, 14,968 candidates applied for admission and 4,328 candidates were admitted, which in 28.91 %.

The college conducts remedial class to bridge the knowledge gap of students and to provide opportunities for slow learners. The principal organize a brief counseling session for newly admitted students. Departmental briefing and sensitization programmes are also organized at the start of each semester. Students are sensitized in college protocols, curricular aspect, examination system, value based- gender sensitization, anti-ragging, etc.

To incentivize students, the college has large number of prizes for outstanding academic performances as well as for excelling in the fields of Sports, NCC, NSS, and extra-curricular activities.

The College follows a multi-faceted learning process which includes not only the lecture and tutorial classes, but also interactive discussions, counseling, project works, and presentations. For better dissemination of knowledge, the college provides various communication tools like LCD projectors and laptops to the teachers and students. Industrial, historical, cultural and, religious tours are frequently organized for students to gain on site knowledge. Further, departments regularly organize seminars, extension-lectures, quizzes, debates and other activities in their respective fields. The college also has an active Students Union and various clubs etc. Students also have the option to join highly active NCC and NSS units, RRC, Adventure club, Literature club, Chess club etc. All these not only enhance academic value of the students but also contribute significantly to their overall personality development and skills.

The college has a well structured examination committee and academic committee which oversee the evaluation process. IQAC plays an important role in improving teaching and learning system. The college have various scheme and system to make student centric learning.

The college being a constituent college of Central University (MZU) strictly adheres to the UGC regulation for recruitment of faculties. The college has a good percentage of faculties with Doctorate degree. Faculties are encouraged to pursue further studies. The Faculty regularly participates in conferences, workshops, seminars, and refresher courses with many of them being regularly invited as resource persons at such events. The College also regularly organizes conferences, workshops and Seminars. Further, our faculty members are also associated with the University and UGC sponsored prestigious Innovation/ Research Projects.

The performance of the students and learning outcome is regularly evaluated and monitored by conducting periodic class tests, presentations, assignments, counseling. IQAC conducts annual review meeting and university result analysis. Each department prepares their own annual report which is submitted to IQAC. The report includes course-wise details on students' performances vis-a-vis peer colleges that reflect excellent performances of our students.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

The College dedicates its efforts towards achieving excellence in teaching and research to fulfill the vision of the college. Faculty members take keen interest in undertaking major and minor research projects from various funding and sponsoring agencies engaged in the field of higher education and research. There are 36 research projects amounting to Rs. 283 lakhs, which in the previous assessment was around 28 lakhs. The college is the only college in Mizoram having a dedicated research and instrumentation centre and Zoological Museum. The college organizes International, National and State level seminars to provide exposure to faculties and students.

The college has a research and project committee formulating research activities of the college. The committee also organizes research mentoring and monitoring workshop amongst faculties to promote research. The college also has adequate facilities to conduct practical and research. The college also host DBT institutional biotechnology hub to promote research in modern biology.

The research and other academic activities of the faculty and the students are not limited to the University Curriculum only but transcends beyond. The college is the only college under DBT STAR college for promoting research and scientific temper amongst students. The institution has an effective mechanism to disseminate research findings by sensitizing students through their involvement in various activity based programmes, engaging social media, and holding interactive programmes. At the level of undergraduate students STAR college scheme and Curricula provides research support and opportunity through Innovative Projects. Students presentation of assignment and projects are also done to promote ICT based learning. Institutional biotechnology hub provides training to faculties, staff and students in Modern biotechnology. The hub also conducts exposure programme for college, senior secondary and high school students and faculties of other institutions. The college also

host two DST women Scientist who are the only women scientist working within the state of Mizoram.

The college has good collaboration with International, National and local institutes in research activities. The college also has internal funding mechanism to promote research amongst faculties. The college faculties have a good research publications in National and international journals. Students also publish papers based on their projects. The college also plans to publish a multidisciplinary journal. The faculties of the college also served as consultants in many fields like Infrastructure development at Stress management , Student Database of colleges, Establishment of Laboratory etc.

The college conducts regular extension activities and social services so that, education and society benefits from such activities, and to impart a sense of good citizenship to students. The college is also the first educational institute in Mizoram to incorporate the policy of Village Adoption.

The college NSS, NCC, EU, RRC and departments engage the students and faculty at regular interval towards co-curricular activities such as voluntary blood donation, environmental cleanup, career counseling, personality development, quiz and debate competitions, paper presentation, Goodwill services etc

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

The college has one of the best infrastructure facilities amongst all college in Mizoram. The college also has enough campus area for creation of new infrastructure. Infrastructural policy of the college is driven by visualization of future requirements of teachers, administrative staff and students. The campus consists of several buildings for Administration, Boys Hostels, Girls Hostels, Academic Blocks for Arts, Commerce, Life Science, Physical Science, an Auditorium, a General Science Block, a library and several quarters for faculty and non-teaching staff. The campus also houses Laboratories, Seminar Halls, Zoological museum, Conference Hall, canteens, and rooms allocated specially for IRC, NSS, NCC, Health Clinic, Examination Cell, IQAC, Placement Cell, Students Union, students recreation hall and Evangelical Union. Infrastructure for sports such as a football ground, a volleyball court, a basketball court, gymnasium and a multipurpose sports complex are available within the campus.

The Management of the College and the building committee ensures the infrastructure meets the requirements of the college. The newly constructed buildings includes a Library building, a Physical Science Block, two new Arts Blocks, Research and Instrumentation Centre, Hostel buildings for boys and girls. The construction of a multipurpose sports complex is still ongoing. The college also added a Language Lab, Computer Lab, Biotech Hub, GIS Lab in both Geology and Geography departments and an Internet Resource Centre. CCTV is installed in college buildings and campus. All new buildings of the college are constructed to meet the requirements of differently

abled students. The college also has health clinic facilities, students' recreation centers and other students' body centers.

Library provides books, journals, technical assistance and other learning resources which enable students to acquire information and knowledge required for their study. The college library is fully automated with SOUL 2.0 software. The college also has a provision of departmental library/book repositories in every department of ready references.

The college has a high speed 100 mbps internet facilities. Internet facility is available throughout the college campus. The college has free Wi-Fi, wired internet in each department and six Free Wi-Fi hotspot for students.

IT infrastructure and associated facilities, the college has adopted two strategies. First, the college provides training to the teachers in computer based teaching learning methods such as how to prepare power point presentations etc. Second, the college is introducing short term computer courses to those students who do not have any previous exposure to basic skills in computers.

The college have both boys and girls hostel which attracts and enabled rural communities for higher education at a cheaper rate. New boys' hostel is also under construction.

CRITERION V: STUDENT SUPPORT AND PROGRESSION

The college is a student centric educational institute and all aspect of the focus is on the core values of contributing to development and fostering good educational values amongst students. The college prospectus is well developed and structured to meet the requirements of the students and other stakeholders.

The college has a well established student scholarship schemes. Various government and non government sponsored scholarship schemes are available. Apart from these private sponsored scholarship schemes are also available for meritorious students. Students' proficiency awards are also available for top rank holders in Science and Arts. Departmental awards system is also available in many departments. The institute has a student welfare scheme and Earn while Learn schemes.

The college provides special support to slow learners and those who need additional help through a variety of means such as remedial and extra classes. The Grievance Redressal Committee, Anti-Ragging Committee and Women cell, legal clinic ensure a conducive and secure environment for growth and development of students.

Since the college is located in a remote state within India, students' exposure is one of the priority areas. The college ensures exposure of its students to faculty and institutions of the highest standards in eminent Indian universities through workshops, seminars, talks and lectures etc. The college also organizes study tours, field visit, etc to

National Institutes, historical places, etc. Students' publications are encouraged. Apart from the annual magazine students newsletters and departmental newsletters are also published.

The college maintains regular contact with alumni and former faculty through email and social networking sites. The college has a functional Grievance Redressal cell. Students' progression to PG is good.

The college has varied range of sports facilities and a gymnasium which can be accessed by all students. Students participate in extra-curricular and cultural activities. The student union is a democratically elected student body which oversees student participation in all student related activities of the college. The college has an annual college week where students participate in games and sports, cultural, debating, indoor sports etc. Students also participate in national and state level sports, cultural and other competitions receiving awards and recognitions. Students also elect student of the year which carries a cash award and a citation. The college NSS and NCC are very active, organizing many activities within an academic year.

CRITERION VI: GOVERNANCE, LEADERSHIP & MANAGEMENT

An institute in order to develop and be successful requires good governance, leadership and a good management system. Accordingly, the top management, the college and the Principal lay emphasis on the holistic education of students and the continuous learning of the faculty members. Adopting a pro-active approach, the top management ensures the democratic participation of all stakeholders in formulation and implementation of the action plans pertaining to academic and other matters. The policies and plans of the college are periodically monitored for both the academic and financial aspects through appropriate forums such as Governing Body, Staff Council, Departmental meetings and College Committees. The delegation of authorities through committee system, the planning and management, financial transparency and innovations are the strength of the college authority.

The college also grooms leadership among the faculties, staff and students. Faculties are appointed in committees, students body in charge, organizers in college activities to develop a leadership techniques under the guidance of the Principal and senior faculties. The college provides platform for grooming student leadership via the Students Union, Students clubs, NSS, NCC and so on. The college functions in a fairly decentralized manner as reflected in the democratic functioning of the staff council, delegating authority further through constitution of societies, committees and departmental committees.

The college has a good appraisal and report system. IQAC plays an important role in the development and planning of college activities. Each department has IQAC departmental coordinators.

CRITERION VII: INNOVATIONS AND BEST PRACTICES

The college has the largest forest inside Aizawl City. This reflects the status of the college in environmental consciousness and conservation throughout the ages. The college also has 10 KVA solar energy, UPS system, rain water harvest system, waste disposal mechanism etc. to make an environmental friendly campus. Students' consciousness and participation plays an important role in environmental conservation.

Innovative methods of teaching adopted at the college include technological innovations and innovations in conventional teaching methods. The use of technology like LCD/LED projectors, smart board, video shows, web based learning resource, students presentation, students database, computer laboratories etc are introduced. These technological innovations have their advantages and disadvantages. Faculty training in these fields is important. Another strategy drawn to improve learning methods includes the traditional approach. Traditional methods of teaching-lecture cum discussion method of teaching are the main method of teaching. Recent innovations include on-the-spot lecture system, introduction of co-curricular activities at the academic time table, students exchange and students trainings.

Research and capacity building is one of the strength of the institute. Good percentages of the faculties are with doctorate degree with a good number of faculties pursuing their further studies. Research projects and research scholars are working inside the campus with a good research environment provided by the administration. The college also organizes exposure programmes in terms of Seminars, workshops, study tours, field visit etc which leads to the overall developments of the students and the faculties.

1. Profile of the Affiliated / Constituent College

1. Name and Address of the College:

Name :	Pachhunga University College	
Address :	College Veng, Aizawl, Mizoram	
City :Aizawl	Pin : 796001	State : Mizoram
Website :	www.pucollege.in	

2. For Communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. Tawnenga	O:0389-2322257 R:	9436154811	0389-2312312	pachhungaunivcollege@gmail.com
Vice Principal	Prof. JV.Hluna	O: R:	9436154877		
Steering Committee Coordinator	Dr. Vanramliana	O: R:	9436155916	0389-2312312	vana.puc@gmail.com, iqac.puc@gmail.com

3. Status of the Institution:

Affiliated College

Constituent College:

Any other (specify)

4. Type of Institution:

a. By Gender

i. For Men

ii. For Women

iii. Co-education

b. By Shift

i. Regular ii. Day iii. Evening

5. It is a recognized minority institution?

Yes No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Sources of funding:

Government

Grant-in-aid Self-financing

Any other

7. a. Date of establishment of the college: 15/8/1958

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks(If any)
i. 2 (f)	07.05.1969	
ii. 12 (B)	07.05.1969	

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/ clause	Recognition/Approval details Institution/Department Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.		NA		
ii.				
iii.				
iv.				

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes No

If yes, has the College applied for availing the autonomous status?

Yes No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes No

If yes, date of recognition: (dd/mm/yyyy)

b. for its performance by any other governmental agency?

Yes No

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Urban
Campus area in sq. mts.	2832800
Built up area in sq. mts.	404685

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

• Auditorium/seminar complex with infrastructural facilities

• Sports facilities

* Play ground:

* Swimming pool :

* Gymnasium:

• Hostel

* Boys' hostel

i. Number of hostels

ii. Number of inmates

iii. Facilities (Gymnasium, Food, Play Ground)

iv. Common room

v. TT Hall

vi. Visiting room

vii. Reading room

* Girls' hostel

i. Number of hostels

ii. Number of inmates

iii. Facilities (Food, Reading room, Recreation Room)

* Working women's hostel

i. Number of inmates

ii. Facilities (mention available facilities)

• Residential facilities for teaching and non-teaching staff :Principal

Visiting faculty Staff quarter

• Cafeteria - 2

• Health centre :

First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....

Health centre staff –

Qualified Doctor Full Time Part-Time Qualified Nurse Full Time Part-Time

- Facilities like banking, post office, book shops
- Transport facilities to cater to the needs of students and staff (College bus and Public Transport available)
- Animal house
- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage
- Solid waste management facility
- Waste water management
- Water harvesting

12. Details of programmes offered by the college (Give data for current academic year)

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
	Under-Graduate	B.A	3	XII	English	430	477
		B.Sc	3	XII Sc		320	401
		B.Com	3	XII Com		60	65
	Post-Graduate						
	Integrated Programme s PG						
	Ph.D.						
	M.Phil.						
	Ph.D						
	Certificate courses	Certificate in Human	6 Months	Class XII	English	25	25
	UG Diploma	Diploma in Mushroom Cultivation	1 year	Class XII	English	100	
	PG Diploma						
	Any Other						

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number	<input type="text" value="1"/>
-----	-------------------------------------	----	--------------------------	--------	--------------------------------

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, History etc.)	UG	PG	Research
Science	1. Biotechnology 2. Botany 3. Chemistry 4. Environmental Science 5. Geology 6. Mathematics 7. Physics 8. Statistics 9. Zoology	9		
Arts	1. Economics 2. Education 3. English 4. Geography 5. History 6. Mizo 7. Philosophy 8. Political Science 9. Psychology 10. Public Administration 11. Sociology	11		
Commerce	1. Commerce	1		
Any Other (Specify)				

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

a. Annual system

b. Semester system

c. Trimester system

00

17. Number of Programmes with

a. Choice Based Credit System

00

b. Inter/Multidisciplinary Approach

01

c. Any other (specify and provide details)

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)
and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately? Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)
and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

Date: (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately? Yes No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff	Technical staff		
	Professor		Associate Professor		Assistant Professor			*M	*F	
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University / State Government <i>Recruite</i>	1		9	9	57	27	44	17	22	2
<i>Yet to recruit</i>							7	4		
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>	Biotech Teachers									
<i>Yet to recruit</i>										

*M-Male *F-Female

21. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
Ph.D.	1	0	8	6	37	11	63
M. Phil.			1		1	3	5
PG			4	3	14	15	36
Temporary teachers							
Ph.D.							
M. Phil.							
PG					0	4	4
Part-time teachers (LB)							
Ph.D.					3	1	4
M. Phil.							
PG					9	7	16

22. Number of Visiting Faculty /Guest Faculty engaged with the College :

72

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2011-2012		2012-2013		2013-2014		2014-2015	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	0	0	0	1	2	2	2	0
ST	940	824	1065	911	1006	911	990	989
OBC	6	3	5	7	10	2	6	2
General	3	1	3	1	11	6	11	15
Others								

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	2004			4	2008
Students from other states of India	10				10
NRI students					
Foreign students	1				1
Total	2015				2015

25. Dropout rate in UG and PG (average of the last two batches)

UG PG

26. Unit Cost of Education
(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component

Rs.133,903.135

(b) excluding the salary component

Rs.68910.97

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes No

If yes,

- a. is it a registered centre for offering distance education programmes of another University

Yes No

b. Name of the University which has granted such registration.

IGNOU

c. Number of programmes offered

05

d. Programmes carry the recognition of the Distance Education Council.

Yes

No

28. Provide Teacher-student ratio for each of the programme/course offered

Programme	Students	Teachers	Teacher-Student ratio
B.A	1144	51	1/22.43
B.Sc	716	44	1/16.27
B.Com	155	8	1/19.375

29. Is the college applying for

Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re- accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 08/01/2011 (dd/mm/yyyy) Accreditation Outcome/Result:2.78

Cycle 2: (dd/mm/yyyy) Accreditation Outcome/Result.....

Cycle 3: (dd/mm/yyyy) Accreditation Outcome/Result.....

*** Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.**

31. Number of working days during the last academic year :

199

32. Number of teaching days during the last academic year :

142

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC :01.04.2009

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.
1. AQAR 2011-2012 Submitted on 12/04/2013
 2. AQAR 2012-2013 Submitted on 01/10/2013
 3. AQAR 2013-2014 Submitted on 06/08/2014
 4. AQAR 2014-2015 Submitted on 10/08/2015
35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

CRITERION I CURRICULAR ASPECTS

Pachhunga University College is the only college in Mizoram that offers three streams of studies, viz., Arts, Science and Commerce. The college faculty members regularly involved themselves in various curriculum developments. Since the college is the constituent college of Mizoram University, the faculty of the college plays an important role in development of the Undergraduate Syllabus of Mizoram University.

1.1 CURRICULUM PLANNING AND IMPLEMENTATION

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.:

Motto: *Learning and Service*

VISION

- *To achieve excellence in teaching, learning, research, and leadership in service and community services.*
- *To be the preeminent centre of scholarship in higher education at the post-graduate, doctoral and post-doctoral levels.*
- *To establish a reputable research center for investigating local, national and international issues.*
- *To improve the infrastructural facilities to attain national standard.*

MISSION AND OBJECTIVES

- *The college motto “Learning and Service” is the guiding beacon of our endeavor in striving for academic excellence in higher education and humanitarian services.*
- *To impart quality knowledge through effective teaching and to produce competent graduates in arts, science and commerce.*
- *To enhance the commitment of the faculty by strengthening the facilities, thereby promoting a distinguished academic environment.*
- *To work for the improvement of the society through social services and other extension programs.*

Communication to the Stakeholders

The Vision, Mission and Objectives of the college are made known to the stakeholders, particularly students, through:

- College prospectus
- College website
- Display boards
- Admission helpdesk
- Meeting with the Principal during admission
- Students’ briefing- newly admitted students.
- PTA meetings
- Alumni meetings

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

The college is the only constituent college of Mizoram University and it follows the rules and regulations of the Undergraduate Degree rules laid down by the University.

All head of the Departments and several faculty members of the college are involved in the curriculum development of the University as members of board of studies/school board. The Principal, Vice-Principal and president of PUC teachers association being members of the Academic council of Mizoram University, are actively involved in the process of approval of UG curriculum.

The college faculty members have been playing an important role in curriculum development ever since the transition from annual system to semester system in 2011. To provide a framework for the semester system, different departments conducted faculty meetings for input into the new syllabus. Many departments were instrumental in laying down the framework of the syllabus adopted by the Mizoram University.

Processes and measures taken for effective implementation of the curriculum are as follows:

- 1) The college's Academic Committee regularly held meeting at the beginning of each semester to look into the academic calendar and curriculum transaction.
- 2) Faculty meeting on curriculum development.
- 3) Allocation of courses for curriculum transaction at departmental level.
- 4) Semester plans (work book) prepared by faculty.
- 5) Semester plans cross checked by the Principal.
- 6) Faculty class log book system in place.
- 7) Faculty log book countersigned by Vice-Principal.
- 8) Proper briefing of all students at departmental level with pre-prepared power-point presentation at the beginning of every academic year.

Mizoram University in 2015 as per UGC guidelines introduced Choice Based Credit System (CBCS) to be implemented from 2016. Faculties of Pachhunga University College participated in the University departmental meetings for CBCS.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

Procedural support:

- Mizoram University appoints faculties of every departments as members of Board of Studies and School Boards.
- The college being a constituent college of the University, faculties are involved in the UG regulation system. For example the university used to invite faculties of the college in the development, framing and improvement of curriculum.
- Compulsory faculty meeting are conducted at the beginning and end of each semester to preview and review the academic session.
- Work book for each semester prepared by each faculty member.
- A review of the completed syllabus was conducted at head of department meetings.

Practical Support:

- The college provides a log book to each department.
- The college provides a diary and a pen to each faculty member.
- IQAC provides a record book and a photo album to each department.
- Each department has the freedom to purchase departmental requirements, including books, with the approval of the Principal.
- The college provides a laptop to each department for ICT based teaching.
- The college has a provision for inviting experts to give lectures and speak on the latest trends in their areas of specialization/work-experience.
- The college provides a separate room for each department along with decent individual bookshelves and lockers.
- Suggested reading materials are also kept in the department for easy and quick reference.
- Faculty members are encouraged to organize and attend seminars and workshops.
- Faculties are allowed to attend faculty development programmes such as winter and summer schools.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the curriculum provided by the affiliating University or other Statutory agency.

- The college and faculty members publish books and practical manuals based on the university curriculum.
- The college conducts study tours for students visiting Institutions, industries, historical places etc within the state, North East and Central India.
- The college has made class rooms ICT enabled with LCD projectors, sound system and Wi-Fi internet facilities.
- The college organizes workshops and seminars on topics related to the curriculum.
- The college library conducts orientation programme for students.
- The college conducts three continuous assessments which consist of two written exams and one assignment/presentation. The college's internal written examination system is based on the University exam pattern. This helps the students to prepare for their end semester external examinations.
- Counseling of students based on students' performance are conducted during CCA class.
- Departments supported by DBT- STAR college scheme conduct student projects based on curriculum outside the syllabus requirements.
- The college conducts outreach programs for students from Institutional Biotechnology Hub.
- Field visits are conducted annually. Practical field based studies are conducted whenever required.
- The college's Biotechnology Hub provides training to teachers in modern biology practical.
- The college's Biotechnology Hub conducts training for students.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

Pachhunga University College maintains a good relationship with other institutions. It has signed an MOU with:

1. Department of Horticulture, Government of Mizoram.
2. Department of Forest, Government of Mizoram.
3. Industrial Training Institute, Government of Mizoram.

The College also has collaboration with

- Mizoram University, Mizoram
- Manipur University, Manipur
- The National Bureau of Fish Genetic Resources (NBFGR), Lucknow
- Assam University, Silchar.
- The Regional Institute of Paramedical & Nursing Sciences (RIPANS).
- Kings College, London.
- NIELIT, Aizawl

Support from Institution-Network for Operation of Curriculum:

1. Conducts International, National and State Level seminars and workshops.
2. Resource persons and experts and research collaboration with the above mentioned institutions.
3. Students' visit/faculty visit and interactions to these institutions.
4. Faculty training in these institutions.
5. The college conducts student internship and practical.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

Faculty members act as members of the Board of Studies (BOS), School Board of University, Academic Council, Executive Council, and syllabus framing committee of the Mizoram University. The Principal and Vice-Principal are representative members of the Academic Council and Executive Council of Mizoram University.

Members Executive Council in Mizoram University from PUC

Sl.No	Name of Faculty/Representative	Year/ Session
1	Dr. Tawnenga, Principal	2010-Till date

Members of the Academic Council in Mizoram University from PUC:

Sl. No	Names of Faculty	Year/ Session	Department/ Designation
1	Dr Tawnenga	2010-Till date	Principal
2	Prof. JV Hluna	2013-Till date	Vice Principal
3	Lallungmuana	2014-Till date	President PUCTA

Members School Board

There are 42 faculties involved as member of School Board under Mizoram University during 2011-15.

Sl. No	Names of Faculty	Year/ Session	Department/ Designation
1	Lalsangkimi Sailo	2013-14	Asso. Prof., Philosophy
2	Dr. Lalrammawii	2014 -2017	Asso. Prof., Pol. Science
3	Susan Lalthanpuui	2011 - 2013	Asso. Prof., Education
4	Dr. Bobby beingachhi	2011 - 2014	Asst. Prof., Geography
5	Dr. Lalbiaksangi Chawngthu	2013	Asso. Prof., English
6	Dr. Rualzakhumi Ralte	2014	Asso. Prof., English
7	Lalbiakzuali Colney	2011	Asst. Prof., Sociology
8	Dr. Lalzama	2014	Asso. Prof., Mizo
9	Dr. Saichampuii	2011 - 2013	Asst. Prof., Psychology
10	Lalthantluangi Sailo	2014 - 2017	Asst. Prof., Psychology
11	Dr. R.K.P.G.Singha	2014 -2017	Asso. Prof., Commerce
12	Dr. Vanlalthlana	2009 - 2011	Asst. Prof., Commerce
13	Dr. C. Nalini Devi	2011 - 2013	Asst. Prof., Commerce
14	Dr. K. Lalchhandama	2011 - 2012	Asst. Prof., Zoology
15	Dr. Lalramliana	2010 - 2013	Asst. Prof., Zoology
16	Dr. Vanramliana	2015 - 2016	Asst. Prof., Zoology
17	L. Thangmawia	2006-08,2013-16	Asst. Prof., Mathematics
18	Dr. Saitluanga Sailo	2013 - 2015	Asst. Prof., Geology
19	Dr. H. Lawmkima	2011 - 2015	Asst. Prof., Geology
20	Dr. K. Khelchandra Singh	2012 - 2015	Asst. Prof., Env. Science
21	Dr. Kulendra C. Das	2012 -2015	Asst. Prof., Env. Science
22	Dr. Arvind Pandey	2011 - 2013	Asst. Prof., Statistics
23	Lalpawimawha	2013 - 2014	Asst. Prof., Statistics
24	Dr. Anupam Kumar	2011 - 2013	Asst. Prof., Statistics
25	Dr. Shantikumar Salam Singh	2013 - 2014	Asst. Prof., Statistics
26	Dr. H. Lalruatsanga	2011 - 2012	Asst. Prof., Botany
27	Dr. Vanlalhruii Ralte	2014-16	Asst. Prof., Botany
28	Dr. Thanhmingliana	2014-16	Asst.Prof.Chemistry

Members of the BOS in Mizoram University from PUC:

There are 42 faculties involved as member of Board of studies under Mizoram University during 2011-15.

Sl. No	Names of faculty	Year/Session	Department/ Designation
1	Lalsangkimi Sailo	2013-14	Asso. Prof., Philosophy
2	Dr. Vanlaltanpuia	21014-15	Asst. Prof., Philosophy
3	Dr. David Zothansanga	2010-12, 2014-15	Asst. Prof., Pub. Ad
4	H.C. Lalchhuanawma	2012 -2014	Asst. Prof., Pub. Ad

5	Lalchamlia	2013 till date	Asso. Prof., Pol. Science
6	Dr. Lalrammawii	2010 - 2013	Asso. Prof., Pol. Science
7	Dr. Lalthankungi	2012 - 2015	Asso. Prof., Education
8	Lahlimpuii	2011 - 2013	Asso. Prof., Geography
9	Ghanashyam Deka	2013 - 2015	Asst. Prof., Geography
10	Zothankimi	2015	Asso. Prof., English
11	H. S. Lalsangpuia	2013-14	Asso. Prof., History
12	Dr. K. Laldailova	2011-12	Asso. Prof., Economics
13	Lallungmuana	2012- till date	Asso. Prof., Sociology
14	Lalbiakzuali Colney	2011 till date	Asst. Prof., Sociology
15	Vanlalauvi Chawngthu	2014	Asso. Prof., Mizo
16	Dr. Lalzama	2011-12	Asso. Prof., Mizo
17	Dr. Rinpari Ralte	2011 - 2015	Asst. Prof., Psychology
18	Dr. Saichampuii Sailo	2011	Asst. Prof., Psychology
19	Lalthantluangi Sailo	2012 - 2013	Asst. Prof., Psychology
20	Lalropuii	2015	Asst. Prof., Psychology
21	Dr. Valalthlana	2008 - 2010	Asst. Prof., Commerce
22	Dr. Lalhunthara	2013 till date	Asst. Prof., Commerce
23	Dr. K. Lalchhandama	2011 -12, 2015	Asst. Prof., Zoology
24	Dr. H. Lalthanzara	2014 - 2016	Asst. Prof., Zoology
25	Dr. Vanramliana	2013 - 2015	Asst. Prof., Zoology
26	J. Lalvohbika	2012-13	Asst. Prof., Mathematics
27	Dr. Rajesh Kumar	2013 - 2016	Asst. Prof., Mathematics
28	Dr. Saitluanga Sailo	2011 - 2013	Asst. Prof., Geology
29	Dr. H. Lawmkima	2011 - 2015	Asst. Prof., Geology
30	Dr. K. Khelchandra Singh	2012 - 2015	Asst. Prof., Env. Science
31	Dr. Kulendra C. Das	2013 - 2015	Asst. Prof., Env. Science
32	Dr. Lallawmkimi	2013 - 2015	Asst. Prof., Env. Science
33	Dr. Hilda Lalrinpuii	2014 - 2015	Asst. Prof., Env. Science
34	Dr. Arvind Pandey	2011 - 2013	Asst. Prof., Statistics
35	Lalpawimawha	2013 till date	Asst. Prof., Statistics
36	Dr. Anupam Kumar	2011 - 2013	Asst. Prof., Statistics
37	Dr. Shantikumar Salam Singh	2013 - 2014	Asst. Prof., Statistics
38	Lalhriatzuala	2012 - 2013, 2015	Asst. Prof., Physics
39	Dr. Y. Rangeela Devi	2011 - 2012	Asst. Prof., Physics
40	Dr. H.S. Thapa	2011-12, 2013-15	Asso. Prof., Botany
41	Dr. Grace Skariah	2011-till date	Asso. Prof., Chemistry
42	Dr. Ragvendhu Pathak	2015	Asst. Prof., Chemistry

Faculty involved in CBCS syllabus framing in Mizoram University from PUC

There are 49 faculties involved as member of Syllabus framing for Choice based credit system (CBCS) under Mizoram University during 2011-15.

SI. No.	DEPARTMENT	NAME OF FACULTY INVOLVED IN DESIGNING MZU CBCS
1	EDUCATION	1. Dr. Lalthankungi
		2. Mrs. Lalrintluangi
2	MIZO	1. Mrs. Vanlalawmi Chawngthu
		2. Mr. H.Laldinmawia
3	HISTORY	1. Mr. H.S .Lalsangpuia
		2. Mrs. Lalrameng K.Gangte
		3. Dr. Rohmingmawii
4	GEOLOGY	1. Dr. Saitluanga
		2. Dr. H Lawmkima
		3. Dr. Rahul Verma
		4. Mr. Bubul Bharali
		5. Dr. V.Vanhangliana
		6. Mr. Laldinpuia
5	PHILOSOPHY	1. Mr. Lalsangkimi Sailo
		2. Mr. M.S Dawngliana
6	ENGLISH	1. Mr. Henry Lalmawizuala
		2. Mrs.Vanlalveni Pachuau
		3. Mrs. Jamie Zodinsangi Hrahsel
		4. Mrs. V.Lalmalsawmi
7	COMMERCE	1. Dr. RKPG.Singha
		2. Mr .Vanlalthlana
8	ZOOLOGY	1. Dr. K Lalchhandama
		2. Dr. H.Lalthanzara
		3. Dr. Lalramliana
		4. Dr. Vanramliana
9	ENVIRONMENTAL SCIENCE	1. Dr. K.Khelchandra Singh
		2. Dr. Kulendra Chandra Das
		3. Dr. Lallawmkimi
10	BOTANY	1. Dr. Vanlalhruaii Ralte
11	PHYSICS	1. Dr. Shivraj Gurung
		2. Mr. Lalhriatzuala
12	STATISTICS	1. Dr. Arvin Pandey
		2. Mr. Lalpawimawha
		3. Mr. Abhimanyu Singh Yadav
		4. Mr. B.Sanga
13	PUBLIC ADMINISTRATION	1. Mr. H.C Lalchhuanawma
14	POLITICALSCIENCE	1. Mr. Lalchamliana
15	PSYCHOLOGY	1. Dr. Rinpari Ralte

16	GEOGRAPHY	1. Mrs. Lalhlimpuii
		2. Mr. H.L .Lawmzuala
		3. Dr. R.Ramthara
		4. Dr. Bobby Beingachhi
17	BIOTECHNOLOGY	1. Dr. Vanramliana
18	ECONOMICS	1. Mr.Lalthlamuana Ralte
		2. Dr.Margaret.Z.Khiangte
		3. Dr.K.Laldailova
19	MATHEMATICS	1. Mr.L.Thangmawia

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university)by it? If ‘yes’, give details on the process (‘Needs Assessment’, design, development and planning) and the courses for which the curriculum has been developed.

The Institution develops curriculum on the following courses:

1. The Certificate Course in Pisciculture,
2. Certificate Course in Human Rights,
3. Finishing School (Personality development) and
4. Diploma course in mushroom cultivation

The process of curriculum development except for the Certificate Course in Finishing school includes:

1. Host department/coordinator meeting on curriculum framing and designing
2. Appointing external expert to be a member of the local syllabus framing.
3. Review of the syllabus by the concerned board. Eg. Board of studies for Diploma course in Mushroom Cultivation.
4. Presentation of the syllabus and approval of the course at the Mizoram Academic Council Meeting.

1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?

The curriculum implementation are monitored by the following process:

1. Academic committee consisting of all head of department.
2. Each head of department is responsible for syllabus completion report at academic committee
3. Each faculty is responsible for completing his/her syllabus.
4. Departments are responsible for revision and analysis of old questions .
5. Academic committee report, revise and maintain a road map so that courses can be completed by the stipulated time.
6. Special class or remedial class are organized by concerned departments if and when required.

1.2. ACADEMIC FLEXIBILITY

1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.

The college conducts Certificate/Skill-based courses and training. Different courses conducted during 2011-15 are:

1. **Certificate Course in Pisciculture:** This is a **UGC sponsored** Career Oriented Certificate Course on Pisciculture which started in 2008 and ended in 2013. The course duration is 6 months and entry level for the course is class XII. This certificate course is conducted by the Department of Zoology.
2. **Certificate Course in Human Rights:** This course is a **UGC sponsored** course and is conducted by the Department of Political Science. The course was sanctioned on 13th December 2012 and it started from 2013-14 academic sessions. Entry level for the course is Class XII.
3. **UGC Coaching Class:** The College conducts UGC sponsored coaching for graduate entry level into services. During 2011 and 2014 the college conducted three coaching programs, in which more than 260 students participated. This course is conducted under UGC cell.
4. **Certificate Course in Introduction to Humanities:** The department of English organized a college-funded 3 months Certificate Course in Introduction to Humanities from 29th October to 15th December. The course was opened for 1st Semester students belonging to the school of humanities. This course had six courses contained in the syllabus namely English Literature, Visual Art: Painting, Language: Mizo, Musicology, World Religion and Philosophy.
5. **Bank Recruitment Training:** The course is hosted by the Department of Mathematics. This is organized in collaboration with Mahindra Coaching Academy. The course is aimed at helping candidates get jobs in banking services. Entry level for the course is class XII and graduate level.
6. **Finishing School:** The college conducts a finishing school for final year students. This course is mainly for personality development. This is a self-financed course.
7. **Studentship Training:** The College conducts and hosts DBT Sponsored Studentship training for Post-Graduate students. This training is hosted by the Institutional Biotechnology Hub, Department of Zoology. The main aim of the training is to prepare students for future research and job-oriented training.
8. **Student training on Modern Biotechnology:** The Department of Zoology hosted this programme under Institutional Biotechnology Hub and DBT Star College Scheme. Hands-on training is conducted for one week on DNA extraction and amplification to prepare students for their further studies. This has been conducted every year since 2012.
9. **Student projects:** Departments covered by DBT STAR College Scheme conduct student research projects. Some of these projects are published in journals and presented in seminars.
10. **Internet & PowerPoint training:** Students are trained to make and use PowerPoint presentations for their class assignments. The training includes basic internet browsing, information retrieval, basic DTP and presentation.
11. **ICT Training:** The College also conducts a computer training course – ‘Course On Computer Concepts’ for all IInd and IIIrd year students of the

college in collaboration with DOAECC society, Zuangtui. A total of about 120 students registered for the course. It was held during August to December 2011.

12. **BPO-Call centre training:** The College also conducted a three months BPO Call Centre Training programme (July-Sept, 2011) for 30 students, especially Hostel boarders. The programme was jointly organized by the College with Shree Ram New Horizon India Ltd funded by North Eastern Council (NEC). The training was successfully completed by 30 students.
13. **Faculty training on Modern Teaching Techniques:** The college conducts a Faculty Training on Modern Teaching Techniques for senior faculty members.
14. **Karate Class:** As part of its physical education program the college introduced Karate lesson for students and family members of the college staff. The Karate course in the college is organized in collaboration with the All Mizoram Karate Association (AMKA). The college currently engages Mr. C. Dosavunga, Vth Dan Black Belt, AMKA to provide Karate lesson to the students.
15. **Diploma Course in Mushroom Cultivation:** This course under UGC Community College Scheme is to be conducted from 2015-16 Session. Entry level is class XII and the number of students per course is fixed at 50.

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes', give details.

Mizoram University has no provision for twinning /dual degree program.

1.2.3. Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

The college is an UG college and offers a wide range of subjects and their combinations. Subjects like Statistics, Biotechnology and Environmental Science are not offered by any other college in Mizoram.

• **Range of Core/Elective Options Offered by the College:**

ARTS STREAM:

Sl No	Core Subject	Elective Subjects options (Any 2)		
		1	ENGLISH	Pub. Admn.
2	MIZO	Pol. Science	History	Education
3	POLITICALSCIENCE	Sociology	Mizo	Geography
4	HISTORY	Pub. Admn.	Pol. Science	Education
5	ECONOMICS	Pol. Science	History	Mizo
6	EDUCATION	Philosophy	History	Mizo
7	SOCIOLOGY	Pol. Science	Economics	Education
8	PUB.ADMINISTRATION	Education	Sociology	Mizo
9	PHILOSOPHY	Education	Sociology	Mizo
10	PSYCHOLOGY	History	Pub. Admn.	Mizo
11	GEOGRAPHY	Pol. Science	Economics	History
12	MATHEMATICS (BA)	Economics	Philosophy	

SCIENCE STREAM			
Sl No	Core Subject	Elective Subjects	
		Options 1	Option 2
1	BOTANY	Chemistry & Zoology	Chemistry & Env. Science
2	ZOOLOGY	Chemistry & Botany	Chemistry & Geology
3	PHYSICS	Mathematics & Stats	Mathematics & Chemistry/Geology
4	MATHEMATICS	Physics & Chemistry/Statistics	Stats & Economics
5	CHEMISTRY	Mathematics & Physics	Botany & Env. Science
6	GEOLOGY	Chemistry & Zoology	Physics & Mathematics
7	STATISTICS	Mathematics & Physics	
8	ENV. SCIENCE	Chemistry & Botany	Chemistry & Geology
9	BIOTECHNOLOGY	Chemistry & Zoology	

COMMERCE STREAM

Sem	Papers
I	English Paper - I
	Business Environment
	Business Org. & Management
	Financial Accounting - I
II	Eng Paper-II Business Communication
	Business Regulatory Framework
	Cost & Management Accounting
	Principles & Practice of Banking
III	MIL(Alt. Eng. / Mizo / Hindi)
	Principles & Practice of Insurance
	Functional Areas of Business
	Business Economics
IV	Environmental Education
	Entrepreneurship (with Project Work)
	Industrial & Company Laws
	Quantitative Techniques
V	Computer Application in Business
	Taxation
	Indian Financial System
	Optional Paper-1 BC 516 F/M/E
VI	Auditing
	Financial Accounting - II
	Corporate Accounting
	Optional Paper-2 BC 620 F/M/E

All the above mentioned programs provide opportunities for progression towards higher studies.

- **Choice Based Credit System and range of subject options:** Choice Based Credit System will be introduced soon by Mizoram University.

- **Courses offered in modular form:** This is not permissible as per Mizoram University rules.
- **Credit transfer and accumulation facility:** Credit transfer and accumulation facility is not allowed by the Mizoram University.
- **Lateral and vertical mobility within and across programs and courses:** Students can change their core subjects in their Vth Semester depending upon their past performances in the core subject to be opted for.
- **Enrichment courses:** The College conducts Certificate and Skill-based courses.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Sl. No	Course	Fees per Semester	Teacher qualification	Salary	Admission	Curriculum
1.	B.Sc. in Biotechnology	2,57,100	As per UGC norms	As per UGC Guidelines	On merit basis	As prescribed by Mizoram University

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries:

The College conducts skill based programs in the form of Certificate courses and Diploma courses.

Sl no	Name of Course	Duration	Beneficiaries
1	Certificate Course in Pisciculture	6 months	Graduate students
2	Certificate Course in Human Rights	6	UG & Graduate students
3	UGC Coaching Class	6	Graduate and UG students
4	Certificate Course in Introduction to Humanities	1	UG students
5	Bank Recruitment Training	1	Class XII and UG students
6	Finishing School	1	UG students
7	Studentship Training	6	PG students
8	BPO-Call centre training	1	UG students
9	Diploma Course in Mushroom Culture	1yr	Class XII & Vocational courses

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice? If 'yes', how does the institution take advantage of such provision for the benefit of students?

This is not permissible as per Mizoram University rules.

1.3 CURRICULUM ENRICHMENT

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and objectives are integrated?

- Faculty members attended Mizoram University curriculum development training.
- Seminars, workshops, competitions, field trips, PowerPoint presentations, and video shows are held thus enhancing and supplementing the curriculum.
- Excursions and visits to historical sites, research institutes (IIT, ISI, BARC, NEHU, MZU, RIPANS etc), libraries, offices and organizations, the Mizoram Legislative Assembly and Aizawl Municipal Council where on-the-spot lectures are held.
- Publication of a students' newsletter which contains articles written by students themselves.
- Publication of proceedings of seminars.
- Village adoption project and awareness programs.
- Publication of books based on curriculum by faculties of the college
- Publication of practical manuals.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

The university has a regulation of revising the syllabus at every 4 years interval. These revisions include the changes required by the employment market. Input by the Principal in designing semester system for the university, university college calendar and Mizoram University Principal meetings. Since the college is the constituent college of Mizoram University all departments have representatives in the BOS and School Board of the University which enables the college to make input in curriculum designing and changing of the syllabus contents. The college also holds various academic association meetings which suggest curriculum requirements of the University.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The college holds international, national, state and college level seminars/workshop and symposia in cross cutting issues like suicide prevention, biodiversity conservation, environmental awareness, human rights, education policy, etc. In an attempt towards creating awareness the college has a Women's Cell, Legal Cell, IT and Website committee, Eco club, Red Ribbon Club, Cultural Club, etc. which are meant to broaden an individual's mental horizons.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

- **Finishing School:** The self-sponsored certificate course is aimed at personality development. The motto of the course - “to be a better human” - is the central theme aimed at student’s quality improvement.
- **Moral and ethical values:** The College promotes moral and ethical values through students’ semester briefing & CCA classes. The Principal also conducts programs like “*Meet the Principal*” in which he addresses students and impresses on them the need for moral reformation, self-appraisal and ethical values.
- **Community Orientation:** In pursuance of its motto “*Learning and Service*”, the College has a community service programme.
 - a. The college adopted Phulpui village as a part of its community outreach program.
 - b. The service rendered by the NSS unit of the college is well known and the college has received awards and accolades for the highest number of voluntary blood donations.
 - c. Students’ contribution in terms of charity events organized by them also serves as a good example of community service.
 - d. The Student Evangelical Union organizes charity events and raises money to help orphanages within Mizoram.
 - e. The College also has a strong Student Self-Support Union which encourages and supports its members who have to earn a living while attending classes. Members of the SSU have received award for “Best Self-Supporting Students” which is conferred by the Mizoram Student Self-Support Union.
 - f. The college also has a programme “Earn While Learn” Scheme to support students with poor financial backgrounds. This is especially helpful for the BPL community.
- The college conducts an “on the spot” lecture series in collaboration with communities/villages in order to enable students to appreciate their rich cultural heritage.
- **Ecological Conservation Awareness:** The college organized ecological conservation awareness programme for neighboring localities in collaboration with the Department of Forest & Environment, Government of Mizoram. Faculty members of the college regularly give lectures and special classes to nearby Forest Training Institutions.
- **Counseling service:** The college conducts moral and career counseling through certified counselors and local church pastors. Departments regularly conduct counseling for students as part of the CCA programme.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Feedback from stakeholders in enriching the curriculum are taken from:

- **Students:** All students of the college are required to fill in a 'Teacher Assessment' form which is conducted by IQAC. Each evaluated teacher is informed about their strengths and weaknesses through a confidential letter sent by the Principal.
- **Parents:** Through PTA meeting
- **Alumni:** The Alumnus of the college regularly provides feedback to the Institution.
- **Experts:** The college also has an Advisory Committee comprising experts from various fields who plan and advise the college on future developments.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?:

The IQAC monitors and reviews the academic performances, class distribution and students' performances. IQAC also monitors and evaluates the departmental performances in examinations, providing feedback to the Principal. IQAC has organized three college-level faculty workshops on departmental performances and future plans.

A departmental evaluation meeting is held at the Principal's chamber where results and students' performances are analyzed. The faculty members put forward their plans of action for improvement of their respective departments and also air their grievances, if any.

The Vice-Principal monitors the classroom activities of the College. He visits classrooms and monitors the timing of entry of faculty members into the classrooms. He monitors and countersigns the departmental log book.

The Head of Department monitors and distributes the work schedule for each faculty member, assigning students for counseling and monitoring their performances.

1.4 FEEDBACK SYSTEM**1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?**

Faculty members of the college sit on the Board of Studies and the School Board of Mizoram University. The college also has representation in Academic Council and Executive Council. The college hosts Academic Departmental Association meetings in which the faculty of other colleges participates to discuss the University curriculum. The college also holds faculty interaction in syllabus framing before final submission to Board of Studies of the University.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Yes. Faculty members provide feedback on the curriculum in case any syllabus modification or changes occur from the University. Parents provide feedback during PTA meetings; the same is passed on to the University by faculty members who are

members of the BOS. At the college level, new programs and enrichment courses have been introduced.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

1. Environmental Science, 2011: Department of Environmental Science was introduced. This is the first and only UG Environmental Science course in Mizoram.

2. Biotechnology, 2011: The college started a self-financed course on UG Biotechnology course. The course was started in order to meet the demand by students. Admission to this department is highly sought after.

CRITERION II
TEACHING-LEARNING AND EVALUATION

To achieve the college objective - *To impart quality knowledge through effective teaching and to produce competent graduates in arts, science and commerce* - Pachhunga University College strives to achieve excellence in the teaching and learning process through a free, fair and transparent system of evaluation.

2.1 STUDENT ENROLMENT AND PROFILE

2.1.1 How does the college ensure publicity and transparency in the admission process?

Publicity

Pachhunga University College is the premier college of Mizoram and so admission to the institution is highly sought after. Information regarding the admission process is given through the college's notice board, website, social media (face book college group) and local TV. A **live phone-in programme** was aired on Doordarshan Kendra before the opening of the admission process in 2015.

Transparency

Pachhunga University College introduced new admission regulations from the 2012-13 session onwards to provide a transparent and fair process of selection. Under this new regulation, the entire admission process has been centralized, thus ensuring greater transparency. All selected candidates are notified on the college notice board and college website along with the total score of each students based on the criteria for calculation laid down by the admission regulation 2012. Complaint system is available and the admission team checks any data when and where required. All sorting of the applicants marks and total score are done through computer to ensure accuracy in the process.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Some regulation of the college in admission procedure are as follows:

- A. Admission period:** Admission is opened for a period of ten working days, taking the next day of publication of HSSLC results of Mizoram Board of School Education as the first day. The prescribed application form for admission should be duly filled up, accompanied by relevant documents and submitted to the college on or before the 10th day of the admission period. If a student fails to attend at least one of the first five classes, his/her admission shall be considered cancelled without any further notice.

B. Cut off marks: Students who have obtained 50% and above in their Class XII or HSSLC examination are eligible to apply for admission.

C. Selection criteria: Selection of applicants will be based on class 12 marks as per the following criteria:

(I) If an applicant opts for any of the subjects taken by him/her in Class XII as Core subject:

- (a) 60% weightage will be given to total marks obtained in Class XII (total marks obtained divided by full mark x 60)
- (b) 40% weightage will be given to marks obtained in proposed core subject in Class XII (total marks obtained in proposed core subject divided by full mark x 40)
- (c) Total Score = (a) + (b)

If Physics is chosen as a Core subject

- (a) 60% weightage will be given to marks obtained in Physics in Class XII (total marks obtained in Physics divided by full mark x 60)
- (b) 40% weightage will be given to marks obtained in Mathematics in Class XII (total marks obtained in Mathematics divided by full mark x 40)
- (c) Total Score = (a) + (b)

(II) If an applicant opts for a Core subject which was not offered in Class XII the candidate may select any subject of his/her choice as the core subject even if he/she had not studied that subject at the higher secondary school level. In such a case the following calculations will be applied:

For Philosophy as Core subject

- (a) 60% weightage will be given to total marks obtained in Class XII (Total marks obtained divided by full mark x 60)
- (b) 40% weightage will be given to marks obtained in English in Class XII (total marks obtained in English divided by full mark x 40)
- (c) Total Score = (a) + (b)

For Statistics as Core subject

- (a) 60% weightage will be given to total marks obtained in Class XII (Total marks obtained divided by full mark x 60)
- (b) 40% weightage will be given to marks obtained in Mathematics in Class XII (total marks obtained in Mathematics divided by full mark x 40)
- (c) Total Score = (a) + (b)

For Geology, Biotechnology and Environmental Science as Core subject

- 100% weight age to aggregate marks
- (Total marks obtained divided by full mark x 100)

For subjects other than Philosophy, Statistics, Geology, Biotechnology and Environmental Science as Core subject:

- (a) 100% weightage to aggregate marks
(Total marks obtained divided by full mark x 100)
- (b) Minus 3% marks
- (c) Total Score = (i) + (ii)

- D. Direct admission:** Direct admission will be given on a first-come first-serve basis to students provided they fulfill the required criteria outlined below:
- (i) **In arts:** Candidates who have passed Class XII (Arts) in first division, securing at least 65% marks in aggregate and obtaining 65% in both English and the subject opted for as Core. Candidates fulfilling the criteria for direct admission will be given admission only with the approval of the Principal.
- (ii) **In commerce:** Candidates who have passed Class XII (Commerce) in first division, obtaining at least 60% both in Business Study and Accountancy Papers. Candidates fulfilling the criteria for direct admission will be given admission with the approval of the Principal.
- (iii) **In science:** No direct admission will be available in the case of Science subjects.
- E. Publication of selection results:** The list of selected candidates as well as the mode of payment of fees, are posted on the college notice board as well as on the college web-site (www.pucollege.in) two days after the closing of the admission period.
- F. Applying for more than one subject:** Students applying for admission in more than one subject should use separate application forms, indicating their preferences as “first choice”, “second choice”, and so on. However, all such admission forms should be accompanied by the necessary documents.
- G. Reservation of seats:**
Reservation will be made for:
- Children of employees of PUC & MZU – 7 %
 - Physically challenged candidates – 3 %
 - Sports/National level candidates – 3%
 - The underprivileged sections viz. ST, SC and OBC as per Government of India Rules.

Process of Admission:

- The college creates an Admission Help-Desk during the first two weeks of the start of admission to facilitate, counsel and help admission seekers. Each department appoints one faculty member each day to this Admission Help Desk.
- Students submit their applications to Internet Resource Centre for data entry. Each student’s score is calculated on the basis of a pre- formatted data entry system. Each student’s total score is calculated based on their records.
- First list of candidates who have obtained admission based on merit is released.
- The second and final list of selected candidates based on merit is released.
- All candidates seeking admission under quotas are admitted after the second list of candidates is released. If the number of such applicants is more than the number of allotted seats, the candidates are interviewed by a special committee.
- Students applying for a seat in the hostel are screened and interviewed by the Hostel Committee.
- BPL admission is at the discretion of the Principal. The needs of each student and their academic potential are the criteria which determine such admissions.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district. Entry: (Max= Maximum Marks, Min= Minimum marks)

Department	2011		2012		2013		2014		2015	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Economics	71	55.6	73	57	66	54.6	77.6	50	71.6	58.6
Education	68	49.8	80	51.8	62.4	54	76.6	51.6	73.2	54.6
English	64.6	53	65.6	52.6	70.6	60	78.4	53	73.2	56.8
Geography	73	54.2	78.6	59.2	64.4	60.8	83.8	52.8	72.2	56
History	77.3	52.9	73	54.2	67.4	53.4	82.8	53	79.8	57
Mizo	70	51	68.6	54	56	51.8	65	52.6	69.8	53.4
Philosophy	76	48.6	70	50.4	59.6	50.8	67.4	47.4	76.2	58.4
Pol. Science	83	56.3	80	51.8	67.2	51.2	89	52.8	77.6	62
Psychology	75	47.6	86	52.4	73	45.4	75.2	50	72.2	51.6
Public Adm	69.4	52	78.4	58	68.4	49.4	81.4	56.4	70.6	64.6
Sociology	72	49.1	80	60	62.4	56	79.2	50.2	76.4	59.4
Commerce	63	43	67.6	55.4	67.2	53.2	75.8	38.6	70.4	52
Botany	70	58	72.4	54	63.6	53.6	77	50.4	74.4	57
Biotechnology	NA	NA	80.4	63.6	72.2	60	75.8	51	80	63.6
Chemistry	77	51.8	72.8	55.8	64.8	56.4	70.8	50.4	77.6	55.8
Env. Science	NA	NA	73.2	51.8	64.2	53.8	68.8	50	66.2	57.2
Geology	65.2	52	66.4	57	60.2	55.2	85	59	72.4	58.8
Mathematics	76.3	55	70.4	57.6	75.4	60.2	80	51.8	80.2	53.8
Physics	74	50.4	75	53.8	71.8	61.8	77	50	83.4	51.8
Statistics	69.6	53	58.6	56.8	56.6	50	63.6	50	62.2	51
Zoology	82	57.8	80.2	60	73.2	58.6	80.4	55.8	80.4	59.2
BA Maths							70.4	48	70.4	39.8

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

The admission procedure is reviewed by the Academic Committee every year before the admissions open. Changes, if any, are made according to the suggestions made by the Academic Committee. In 2015, a separate Admission System Review Committee was formed by the Principal to aid and advise the Academic Committee.

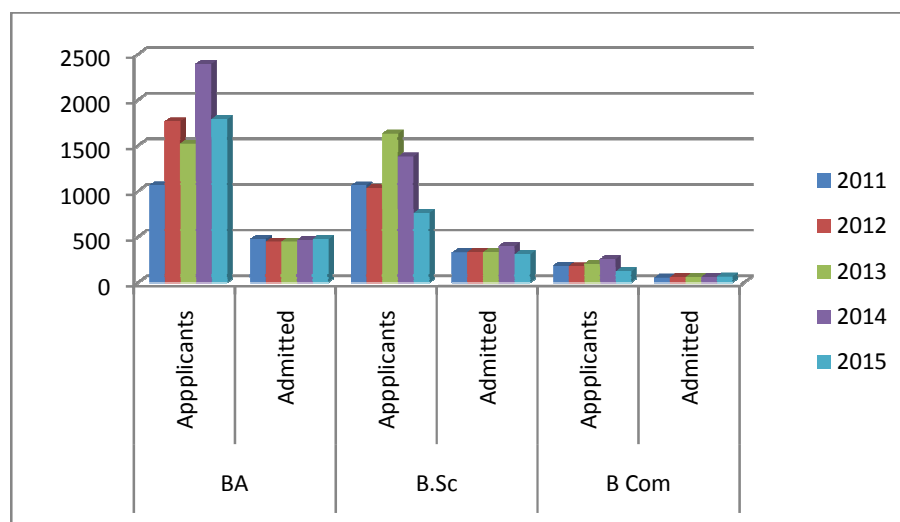
2.1.5. Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

The college is located in a Scheduled Tribe populated area and a majority of the students are from the ST community. The college does not face any problem regarding minority seat reservation in the admission procedure. However, the college regulations for reservation will be as per the rules mentioned in 2.1.2 (G).

2.1.6. Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement. The following tables show the pattern of admission in different departments from 2011-2015 (1= no of applicants, 2= admitted)

Sl no	Department	2011		2012		2013		2014		2015	
		1	2	1	2	1	2	1	2	1	2
1	Economics	88	43	135	40	84	40	180	42	130	48
2	Education	171	43	116	40	134	40	196	44	171	41
3	English	93	47	163	40	125	40	194	43	148	46
4	Geography	185	71	308	50	289	50	422	50	198	46
5	History	52	46	135	42	119	42	237	42	170	45
6	Mizo	78	38	309	50	227	50	311	50	242	47
7	Philosophy	26	22	81	30	71	30	93	30	79	26
8	Political Science	142	46	178	42	221	42	320	45	283	44
9	Psychology	37	31	79	30	61	30	98	35	90	43
10	Public Ad	129	43	145	42	103	42	208	42	151	44
11	Sociology	63	47	116	42	87	42	137	42	128	47
12	Maths (BA)							10	8	7	4
	TOTAL	1064	477	1765	448	1521	448	2396	465	1790	477
12	Commerce	184	55	178	60	206	60	255	60	124	65
13	Botany	83	45	116	45	79	45	218	45	154	56
14	Biotechnology			115	15	143	15	136	15	151	27
15	Chemistry	66	44	121	35	133	35	227	35	200	52
16	Env. Sciences			68	35	87	36	105	35	140	41
17	Geology	56	33	114	35	105	40	190	40	154	49
18	Mathematics	88	35	146	40	113	40	140	40	108	47
19	Physics	78	42	157	45	142	45	274	45	166	48
20	Statistics	29	12	51	25	48	25	58	25	49	26
21	Zoology	179	45	175	55	183	55	285	55	258	55
	TOTAL SCIENCE	763	311	1063	330	1033	336	1633	335	1380	401

The following diagram summarizes the admission pattern during the years 2011-2015:



2.2 CATERING TO STUDENT DIVERSITY

2.2.1. How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

The college makes provision for direct admission to students who fall under the category of People with Disabilities (PWD). 3% of the total seats i.e. 24 seats are allocated each year. Such students must have the relevant certificate issued by the State/ Central Government.

2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes, Steps taken by the college during and immediately after admission:

- **Counseling:** The Principal gives a short briefing and counseling to all those students admitted to the 1st semester.
- **Remedial course:** The IQAC identifies those areas or subjects where remedial coaching is required for the students. Remedial coaching is held for General English and Chemistry subjects.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?:

- The first day of the college is set aside for providing a briefing and counseling session to the newly admitted students. A Power-Point template prepared by the IQAC is used for this purpose.
- Remedial coaching/bridge course to all students having Chemistry as a subject combination.

- Identification of slow learners and advance learners in English department through proficiency test. Students are grouped according to their score for effective teaching and learning.
- A department-wise library orientation session is held for the newly admitted students every year.
- Imparting basic IT knowledge to students having Zoology as a subject combination.
- Counseling is given to the students based on their attendance, and performances in the internal and semester examinations.
- Inviting resource persons from outside to give lectures on their area of expertise.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

STAFF

- The Principal address such sensitive issues during staff meeting and interaction programmes.
- The college organizes environmental awareness campaigns in which the college staff participate.
- The college staff and cleaners are made aware of the need for a litter free campus.
- The college's Women's Cell addresses any issues relating to gender discrimination.

STUDENTS

- Value added programmes are conducted by the department during CCA classes.
- The college has an Eco Club which organizes and participates in environmental awareness programmes.
- Students are sensitized about these issues through the NCC, NSS.
- Students are also sensitized on such issues during mentor-mentee interactions.
- Students participate in the environmental cleanup programmes. Students are motivated to keep a clean and litter-free environment in their class rooms and laboratories.
- Social media campaign and awareness through college facebook groups.
- Students are instructed to approach the Women's Cell in case they encounter any sexual harassment.
- Eve-teasing is strictly prohibited in the college and students are informed of the same.
- Anti-ragging campaigns are held in girls and boys hostel. Anti-ragging regulations and information hoardings are placed in specific locations of the college.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

Advanced learners are identified through the student tracking system which monitors the students' continuous assessment, performance in the semester and class attendance. Students are counseled based on their performances. Individual students are called for counseling sessions in their respective departments. The mentoring system enables the faculty to identify strong learners and weak learners.

Students are provided with an opportunity to prove themselves in class seminars and departmental seminars. In departments where STAR college projects are activated, advance learners even publish papers based on their research project. Students also present papers in State level seminars. Advance learners even participate in Regional and National level workshop. Weak students are provided with materials as per their individual requirements.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The academic performance of students is evaluated based on:

- Their continuous assessment marks and performance.
- Their class attendance.
- Their semester performances.

Students are made aware of their academic performance through the following procedures:

1. Student monthly attendance and performance in continuous assessment are displayed on the departmental notice board and common notice board.
2. Re-evaluation of students' papers and marks based on student complaint, if any, at the departmental level.
3. Allocation of marks based on attendance.
4. Current status of student's performances are informed and discussed at PTA meetings.
5. On the spot practical assessment based on classroom performance.
6. Assessment through PowerPoint presentation and assignments.
7. Through Counseling.
8. IQAC result analysis and department result analysis.
9. Student's database and their academic performances are recorded and distributed to department for counseling and records.
10. Special arrangements are made for PWDs during examinations.

2.3 TEACHING-LEARNING PROCESS

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)

- The academic calendar is prepared by the Principal and deliberated and approved by the Academic Committee before the start of the academic session which is notified and also published in the prospectus

- A departmental meeting is convened at the beginning of each semester to deliberate on the semester action plans and activities.
- The college class schedule and classroom allocation is prepared by the Department of Mathematics and approved by the Principal
- The students are informed about schedules regarding the continuous assessment test at the beginning of each semester.
- Each faculty prepares workbook before commencement of every semester which contains the semester lesson plan.
- All evaluation system is made transparent by placing student's marks on departmental notice board.
- Students' attendance is displayed on the notice board for information and complaints if necessary.
- A syllabus completion report is submitted by teachers to the head of department.

2.3.2 How does IQAC contribute to improve the teaching –learning process?

IQAC promotes facilitation and improvement of the teaching-learning process. The following steps have been taken up:

- IQAC initiates and facilitates the organization of International, National, State and College level Seminars/Workshops/Symposia. Relevant departments are paired with their sister departments within the college. IQAC also appoints a coordinator and secretary to facilitate in the events organized. This improves the faculty quality and exposure. Student participation in these events is made compulsory to enhance their learning process.
- IQAC works with the library staff in automation and improvement of College library. This has been completed and is functioning
- IQAC organizes a one day seminar on departmental annual review and discussion of future plans for the college.
- IQAC organizes an orientation programme for newly recruited faculty of the college.
- IQAC in collaboration with the Project Committee organizes a Research Sensitization Programme. It encourages faculty members to undertake Major and Minor Research Projects and to pursue Ph.D.
- IQAC organized a one day programme on UGC PBAS system.
- Improvement in classroom infrastructure, renovation of classrooms and laboratories proposed by IQAC have been implemented.
- Infrastructure development to support teaching-learning process by introducing teaching aids for teachers like laptops, LCD projectors, electronics interactive boards and Wi-Fi internet connectivity.
- Improvement in internet connectivity is done via the NIC Cell, Government of Mizoram.
- Installation of a proper sound system in large lecture halls.
- Re-allocation of class rooms and teachers' room. For better tutor-ward relationship, each Department's office will be located in close proximity to the classrooms in which the classes are held.
 - Providing better notice boards for each department.
 - Installation of tinted glass in selected classrooms.
- IQAC proposed the setting up of a language laboratory for the college. This has been implemented.

- Infrastructure improvement & Decoration- Creativity, etc & Cleanliness etc and Building Committee.
- Creation of flower gardens- Beatification & Cleanliness Committee
- Publications by departments and the college- publication of course-based books, practical manuals and seminar proceedings.
- More students' exposure programmes are being implemented.
- Imparting basic IT knowledge to students is done by the IT Committee based on instruction from IQAC.
- Introducing IQAC departmental Annual Report System.
- Students' database has been created and is running.
- Creation of Departmental websites and uploading study materials in such websites.
- Environmental awareness campaign organized by the college and by the Environmental Science department.
- Parents Teacher Association is formed in many departments for feedback and counseling.
- Introduction of CCA programme in the routine for the implementation of Departmental counseling, gender sensitization campaign, value based and moral education programme, organizing college programmes without disturbing normal classes.
- Analysis of feedback on all aspects of teaching and learning. All faculties are assessed and the result of such analysis with faculty strength and weakness are passed on to each faculty.
- Village adoption proposed and completed. This was mutually beneficial for both parties.
- Dissemination of important academic information to departments.
- Activities entrusted to the Committees are carried out according to the Year Plan.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Physical infrastructure attributes:

- Physical arrangements are made to be more student centric. Departmental faculty rooms have been re-organized for better student-teacher interactions. Every department faculty rooms are placed adjacent to their Core students for easy access, better interaction, counseling and consultation.
- Internet Resource Centre- The college has a dedicated Internet Resource Centre with 18 internet-enabled PCs, and printing facility. Students can browse the internet, and work on their presentations and assignments. Students are allowed to print their documents free of cost.
- Creation of Computer laboratory, GIS laboratory and Language laboratory.
- The college has a high speed internet connection which enables faculty and students to access journals and download study materials. Wi-Fi internet is available in each department. The college also has six free Wi-Fi centers for students which is free of cost for the students who have registered their gadgets.

- Students are trained in the Institutional Biotechnology Hub which prepares them for further studies.

TECHNOLOGICAL INNOVATION

- Lecture-cum-discussion method supplemented by the use of PowerPoint and video materials from Khan Academy, YouTube, academic films and documentary shows, etc are mainly used for classroom teaching.
- The college has installed LCD/LED projector in all classrooms which allows the presentation of text, audio, graphics or video. This is more interesting for the students and improves the likelihood that they will comprehend the lessons.
- Models and charts are used where required.
- Faculty training on use of ICT is organized. Senior faculty members are given training on how to use the internet and give PowerPoint presentations.

STUDENTS EXPOSURE

- Subject-related special talks, workshops and seminars are organized by the college and the individual departments.
- Study tours and exposure programmes are organized by the college. The college organizes 28 National/ Regional study tours and 27 study tours/field visit inside state.
- Micro projects are conducted by departments covered by the DBT-STAR College Scheme. These projects are not in the University curricula. These projects are published in journals and seminar proceedings.

STUDENT AWARDS

- The college has special awards given to outstanding students. Two merit awards are sponsored by the Ex-Principals of the college: **HK Bawichhuaka Proficiency Award** for the highest mark scorer in Arts and **Dr. H Lallungmuana Award** for the highest mark scorer in Science. Beginning in 2015, the **Koinonia Award** is sponsored by Dr. H Lalthangliana to felicitate top rank holders in Sociology department. Many departments have introduced departmental awards to honour students with ranks in the University Examination.
- The college also has a **Student of the Year** award. Mr. Vanlalhriatrenga Chhange, Asst. Controller of Mines at Indian Bureau of Mines, has been sponsoring a sum of Rs. 12345/- for this award from 2013 onwards.
- The college has provision for scholarships to students. Apart from the Tribal Scholarship from the ministry of Tribal affairs, GOI, other scholarships are organized in collaboration with private firms and companies. Such scholarships include the Sitaram Jindal Foundation Merit scholarship for Below Poverty Line (BPL) students, UGC Special Merit Scholarship for Students in North-East Region (*Ishan Uday*), Sunflower Electronics fellowship for Mathematics and Physics, Zoram Educational Trust Fellowship for Physics.
- The college has a Students Aid fund. This fund is for students in need who apply for the fund. A maximum of Rs.5000.00 is given by the office in consultation with the Students Union leaders.

- The college also has a scheme to help financially backward students through the “*Earn while Learn*” scheme.
- Many departments have also sponsored the travelling expenses of some students with poor financial backgrounds, if and when they join higher studies. Some faculties have financially helped students with poor financial backgrounds during the admission process.

INSTITUTIONAL PRACTICES AND GOVERNANCE

- The college adopted a new system after the shift to the semester system which follows the examination pattern of the university. This uniqueness in Continuous assessment system leads to better preparation of students in External Examination.
- The college places great emphasis on student mentoring. Students’ mentoring and counseling is done during the CCA class and is tailored to meet the individual requirements of each student. The CCA class is also utilized for departmental and other college club related activities.
- Students are provided with the contact numbers of faculty members at the beginning of the semester. The same is also given to the parents during the PTA meeting.
- All sanctioned posts, with the exception of those posts newly sanctioned by the UGC in late 2015, are filled. The smooth academic functioning of the college is ensured by the Principal who reviews the departmental faculty requirements at the start of each semester.
- The college ensures that practical courses prescribed by the University syllabus can be conducted by the college. At the beginning of each semester, departmental requirements are submitted by each head of department.
- Faculty meetings are organized by IQAC to review departmental performances and divulge information to all departments about other department performances.
- IQAC result analysis system provides good insight regarding departmental and students’ performances. The follow up meeting organized by the Principal leads to an improvement in departmental performances and thus good result by students.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

- The college adopted assignment to students for their internal evaluation. Individual or group assignments are given to students which are prepared by the students.
- PowerPoint presentation assignments are given to students. This enables the students to prepare and present their own slides. Faculty checks the originality of their presentations.
- Students have their own bulletin which is published by the Students Union. Some departments have their own bulletin prepared and published by the students.
- Students are assigned projects guided by the faculty. This enables students to make an independent study which helps them in their thinking process.

- Apart from curricula based study tour programmes, the college has a policy of organizing exposure programme by individual departments. In this policy the students themselves are given opportunity to earn for their tours. Students organize earning schemes in their spare time. The remainders of their requirements are provided by the college.
- The College adopts Phulpui Village. Students are exposed to the study along with the faculties. Students themselves taught in the schools and also conduct environmental awareness campaign.
- Book review system is introduced in some departments.
- Invited lecture and discussion on current relevant topics are organized by the departments to enhance the thinking process of the students.
- In DBT STAR College scheme, UGC Career oriented programmes and UGC Certificate course in Human rights, students are assigned individual and group projects. Some good results of the projects are published in scientific journals with ISBN.
- Student's presentation in a State level seminar: Students projects are presented in a State level seminar/workshop organized by the college.
- Students Exchange programme are also organized by the college. Department of Chemistry Union Christian College, Shillong and Pachhunga University College jointly organized State level Seminars in both the college. Students and faculty present their papers, organize discussion. This provide s good platform for upbringing scientific temperament amongst students.
- Field study cum exposure programmes are organized by the department of Zoology to study and visit local laboratories which are not available in the College. Institute visited includes Regional Institute of Paramedical Sciences, Bioinformatics Centre, Biotechnology Department Mizoram University, and State fish seedling production centre, Lengpui.
- Institutional Biotechnology hub organized students exposure programme with Rural Colleges, organize staff and students training at these colleges. Students gave lecture and perform demonstration of equipments like PCR and Gel Electrophoresis.
- Various competitions on essay writing, painting, debating, and extempore speaking are held within the college. Students also participate in such competitions organized outside the college.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

The college has the following technologies for effective teaching and learning:

1. All departments are equipped with a PC, a printer and a laptop for effective teaching.
2. LCD/LED projectors in all classrooms and seminar halls. Two projectors are available at the Principal's office and Internet Resource Centre for common use.
3. Sound systems in big classrooms.

4. Interactive smart board.
5. Video shows available in departments.
6. Students' database with marks and performances available for effective counseling.
7. Internet Resource Centre funded by DST FIST and UGC, with 18 internet-enabled PC, with a scanner and printer available for students.
8. High speed internet 100 mbps with Wired LAN, free Wi-Fi in all faculty rooms, and six free Wi-Fi centers for students within the campus.
9. Departmental websites available.
10. Language laboratory with 30 PCs and Sanako software.
11. Two GIS laboratories with 6 PCs each and Super map GIS 6 R Software.
12. All Science Department laboratories are well equipped.
13. Research Instrumentation Centre with sophisticated instruments.
14. Institutional Biotechnology Hub, sponsored by DBT, GOI equipped with molecular studies. Institutional Biotechnology Hub organizes students' training and exposure programmes.
15. Well equipped and fully automated library with Wi-Fi, along with adequate reading space for students and faculty members.
16. E-journals through UGC Inflightnet- N-List. E-journals are available on request through Bioinformatics centre, Mizoram University.
17. E-books available with IQAC and library.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

- The college organizes study tours and exposure programmes for students. (List of exposure programmes enclosed in criteria 2.3.8)
- On the spot lecture are organized at different places with historical significance, economic and tourism centre, etc.
- The college organizes international, national, state and college level workshops. Senior-most students are required to attend these workshops and seminars.
- Students deliver PowerPoint presentations in classrooms.
- Students work on projects specified by the curriculum and even outside the curriculum.
- Students' publication of projects works in journals - Zoology and Chemistry.
- Presentation of project works in seminars/workshops - Zoology and Chemistry.
- Students are exposed to community service through village adoption
- Students are taught to use and retrieve materials from the internet.
- Students participate in state-level debate and quiz competitions.
- Conducts courses certificate and job oriented courses for students.
- Conducts finishing school
- Students participate in national-level competitions.
- The college organizes two international, twenty four national and 30 state-level seminars and 44 College level seminar/ workshops/ symposia/ special talks within 2011-15.
- The faculty members attended and presented in international and national and state-level seminars and workshops.

- Faculty members are encouraged to pursue further studies like M. Phil and Ph.D studies.
- Faculty members have research collaboration and publications with national and international universities and research institutions.
- Dr. K. Birla Singh, Department of Zoology, has received a DBT International Associateship at King's College, London. Dr. Khelchandra Singh, Department of Environmental Science has received a Chevening Scholarship Programme at Queen Mary's College, London. Dr. Lalramliana, Department of Zoology, has received a DBT National Associateship at Assam University, Silchar. Dr. Rohmingmawii, Department of History, has received an Associateship at the UGC Inter-University Centre for Humanities and Social Sciences (IUC), functioning at the Indian Institute of Advanced Study, Shimla.
- The college organizes training on ICT and modern teaching techniques for senior faculty members.
- The college organizes training for newly recruited faculty members.
- The college organizes a workshop on quality education.
- The college organizes a workshop on innovative techniques of teaching and learning.
- The college provides high speed internet and faculty members can access online journals through Infilbnet.

2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?

The college believes in the all-round development of students. The physical, mental and emotional well-being of the students is one of the priorities of the college. The activities and measures taken by the college to ensure the all-round developments of the students are:

1. A students mentoring system is practiced in the college
2. A CCA class has been introduced in the routine as a separate class. This class is utilized for students' counseling on academic performance, class attendance and moral education.
3. PTA meetings are held to discuss students' performances and to listen to parent/guardians' feedback.
4. The Principal organizes a "Meet the Principal" programme for newly admitted students where he motivates them.
5. The college has introduced a students' briefing at the beginning of every semester where freshers and seniors are reminded about the value system of the college.
6. The college has a separate career and counseling cell. Some activities of the Counseling Cell are:
 - a. Trained counselors (a professional psychiatrist and a doctorate degree holder in counseling) were employed and counseling sessions were made available for the students every Monday at 1:00 – 4:00 pm. A separate room for the counseling session is being maintained.

- b. Introduction of counseling service for the 2012-13 academic sessions was organized on 28th September, 2012 at the college auditorium. A team of experts headed by Dr. C. Lalhrekima (Medical Psychiatrist) were invited to interact with the students.
- c. Two students – Mr. Dilip Kumar Chakma (4th Sem. Physics) and Mr. F. Vanlalremruatkima (4th Sem. Mathematics) were selected by the Career Guidance and Counseling Cell to attend CSIR programme for popularisation of science through media during 18-21 February, 2013 at CSIR-Jorhat.
- d. A seminar on ‘Creation and Science’ was held on 7th March, 2013 at room no.2 of Block II building in collaboration with EFFICOR, New Delhi. Selected 4th semester students from each department had a lively interaction with the representatives of EFFICOR.
- e. Ten students were sent from the college to attend the ‘VISA for USA’ seminar and interact with persons from the US Consul, organized by the Mizoram Chamber of Commerce and Industries (MCIC) on 16th April, 2013 at the MCIC Office.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

The teaching and learning process has developed with the advancement of technology. Alternate approaches to the teaching-learning process have paved the way for innovative practices. Technological advancements in the college are:

- a. **LCD projectors and laptops for innovative teaching methods:** Pachhunga University College started using LCD projectors from the year 2007. Initially seven laptops and LCD projectors were procured from FIST fund sponsored by the Department of Science and Technology (DST) Govt. of India. In 2011-12 session, a laptop and a projector funded by the University Grants Commission (UGC –NERO) were given to all academic departments. All classrooms have ceiling mounted LCD projectors. Spare laptops and projectors are also available at the IRC and the Principal’s office
- b. **Internet for students and faculties:** The college has an internal local area networks (LAN) provided by Mizoram University in 2008. The college has 20 internet connections using VPN over broadband connection provided by BSNL under MHRD NME-ICT project. The college internet connection was enhanced in 2015 with a high Speed 100 Mbps fibre optics connection from the NIC. The college has one Internet Resource Centre (IRC) funded by the UGC and the Department of Science and Technology, New Delhi. There are 20 PCs with internet connections and one printer available for students accessible during working hours free of cost. The college also offers six free wireless internet hotspots The College also conducts a certificate course in computer applications and BPO training for hostel students.
- c. **Web based learning:** The college website was officially launched in 2008. All departments were assigned a separate e-mail and departmental website

in 2012. Each department can customize its own website. Many departments have uploaded various study materials so that students can access these materials from anywhere.

- d. **Students' database:** The college has a separate students' database which can be accessed through the local area network. The Students' Database system was designed by the faculty members of the Department of Mathematics. The college is the first college in Mizoram to implement such a system.
- e. **Computer laboratory:** The college has one computer laboratory with 30.
- f. **Language Laboratory:** The college also has one language laboratory to address the language problem faced by the students. This laboratory is equipped with a 6 kva UPS and 30 PCs with Sanako software.
- g. **GIS laboratory:** The college also has two Geographical Information System (GIS) laboratories to enable modern studies in the field.
- h. **Video show:** Each department has its own video teaching materials and documentaries.
- i. **On the spot lecture:** On the spot lecture are organized during field study. This helps the students familiarizing their studies.
- j. **Library orientation :** The college library organizes library orientation programme for each departments.
- k. **Departmental library:** The college provides bookshelf for the provision of maintaining departmental library.
- l. **Co Curricular activities (CCA):** Integration of CCA in the academic routine is one of the best innovations in the college. This enables the departments, students union, clubs, NCC, NSS etc to organize programme which in other cases disturbs normal class routine. The co curricular activities of the students can also be enhanced. The balance between academic programme and co curricular activities can thus be maintained.
- m. **Study tour/field visit/Library visit:** Field visit- Local, regional and national are encouraged. There are departments where there tours are a part of the curricula. In many circumstances where the tours are Student and faculty contribution are matched by the college to enable students field visit. The list of study tours /exposure programmes organized are:

Sl. No.	Department	Place of visit	Nature of visit	Time	Expenditure
OUTSIDE STATE					
1	General Study tour	Kolkata, Delhi,etc	Exposure programme	Every year	3700000.00
2	English	Kolkata	Educational tour (Academic Institutions and Libraries)	27.2.2014 - 8.3.2014	60000.00
3	Geography	Cherrapunjee (Meghalaya)	Field work cum project	April 2014- April 2015	70000.00
4	History	Shilparamam Amphitheatre (Hyderabad)	Performing Mizo Cultural Dance	March 27- 29, 2015	200000.00

5	Philosophy	Guwahati	Departmental tour	8th – 13th Dec 2014	30000.00
6	Political Science	Delhi	Educational tour	2013-2014	60000.00
7	Psychology	Darjeeling and New Delhi	Field trip	2011-2012	70888.00
8		Gopinath Bordoloi Regional Institute Of Mental Health, Tezpur, Guwahati	Exposure Training Program	22-27th March, 2014	76400.00
9	Botany	Darjeeling and New Delhi	Field trip	2011-2012	76500.00
10		Shillong Megalaya	Field visit/Study tour	19th - 24th August, 2013	88540.00
11		New Delhi	Student Exposure Program	January 8 - 20, 2015	83520.00
12	Chemistry	Shillong (Megalaya)	Study tour	19th – 24th August, 2013	65000.00
13	Env. Science	Delhi and Agra	Stuty tour		28000.00
14	Geology	Guwahati (Assam)	Field Study	20th January, 2015	68500.00
15	Mathematics	Guwahati and New Delhi	Study tour	10.Nov. 2013 – 25. Nov. 2013	60000.00
16	Physics	Kolkata	Study tour	5th – 12th Nov. 2013	85000.00
17		Guwahati (Assam) and Shillong (Megalaya)	Study tour	6th – 13th Dec. 2014.	65000.00
18	Statistics	Guwahati (Assam) and Kolkata	Study tour	2014-2015	20000.00
19	Zoology	Guwahati (Assam) and Shillong (Megalaya)	Student Exposure Program	4–9/6/2014	7500.00

WITHIN STATE

19	Philosophy	Phulpui; Mizoram	Field Visit	3rd June 2014	4000.00
20		Aizawl Municipal Council; Mizoram	Observe Aizawl Municipal Council	20.09.2013	1000.00
21	Political Science	Mizoram Legislative Assembly	Observe Mizoram Legislative Assembly	2011	1000.00
22		Old Age Home and Peace Home	Field trip	24th of June 2013	60000.00
23	Education	Khawzawl and Zokhawthar	Research project cum Field trip	6th to 8th March 2014	15000.00
24	History	Khawbung, Dun gtlang, Vangchhi a and Rihdil	Study tour	26th March, 2015	20000.00
25	Sociology	ISPAT Steel Plant & KOINONIA Juice Plant (LENGTE)	Study tour	3rd March, 2015	5000.00
26		Farkawn; Mizoram	Study tour	24th - 29th June, 2013	30000.00
27	Psychology	Civil Hospital; Kulikawn	Observe Psychiatry ward	26th July, 2013	1000.00
28	Zoology	Kolasib College	Biotechnology Extension Program	27th-28th Mar 2015	12000.00
29		Government High School, Ngopa; Mizoram	Biotechnology Extension Program	13th Jan 2015	4000.00
30		LTM High School, Ngopa; Mizoram	Biotechnology Extension Program	13th Jan 2015	4000.00
31		Zemabawk HSS	One day Extension Program	13th Jan 2015	6000.00
32		St. Joseph HSS	One day Extension Program	14th Jan 2015	3500.00
33		Lengpui Fish Seed Farm	Field trip	8/13/2014	5000.00
34	Biotechnology	Mizoram University	Extension program cum Practical classes	8th May, 2013	1000.00

35		Government Serchhip College and Zemabawk HSS	Extension program	28th March, 2014	3000.00
36		Government Kolasib College	Biotechnology Extension Program	27th Feb, 2015	5500.00
37	Env. Science	Tamdil; Mizoram	Field visit	13th April 2013	6200.00
38		Tamdil; Mizoram	Field Visit	5th April, 2014	3000.00
39		Mount Horeb ME School and RSM School (College Veng)	School level extension activities cum environmental awareness campaign	25th July, 2014	2000.00
40		Reiek Forest Village	Field visit	28th March 2015	4500.00
41	Geology	Meidum OIL Hydrocarbon exploration site and World Bank road	Geological Field Work	28th February, 2014 and 14th March, 2014	2000.00
42	Botany	College Campus	Study and observation of biodiversity of plants	19-Sep-13	20000.00
43		Tamdil Wetlands	Nature trip	21st March, 2014	15000.00
44		Blue mountain (Phawngpui)	Nature trip cum observation of biodiversity	December 6 -9, 2014	26700.00
45		Reiek	Field trip	February 7, 2015	5000.00
					37,92,248.00

Effort by the Principal: The college administration emphasizes the importance of innovations in teaching methods amongst the faculty. The effort made by the Principal in fund allocation, application of funds from funding agencies, the allocation of funds for maintenance and repair of electronic equipments require a good understanding of the innovative techniques and modern teaching aids. The college is fortunate to have an innovative and computer literate Principal. The funding system of the college study tour is one of the major achievement of the Principal of the college.

Technical support: The college have a number of computers and electronic equipments as an innovative techniques. The college introduces in-house maintenance of these equipments as far as possible. This cut the expenditure in maintenance of the electronic equipments.

2.3.9 How are library resources used to augment the teaching- learning process?

The college library is the oldest institutional library in Mizoram with a well established book collection. It has 50554 books, 981 reference books, 40 journal subscriptions and a CD/DVD collection. The library is now fully automated with Soul 2.0 software.

1. The library's sizeable book collection helps in supplementing the classroom teaching.
2. The library has a reprographic section. Users can easily make photocopies of the library's books including books in the Reference section at cheap rates.
3. The important library services are automated so that users can have access without losing time using OPAC.
4. A separate reading room and printer are provided for faculty members.
5. A good journal section is established and maintained for students as well as faculty members encouraging them to further broaden their horizons.
6. Wi-Fi connectivity is provided for all users.
7. Using web-OPAC, teachers can easily give references to students.
8. The college library has a hard copy of all past examination question papers. The process of creating a question database is also under process.
9. Each department has a departmental library for the convenience of faculty members and students.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

The faculty members give their utmost effort to complete the syllabus on time. They prepare a lesson plan for the semester which is countersigned by the Principal. A log book is maintained to record the number of classes taken by the teachers. The college faces minor challenges in completing the curriculum:

- **Sports activities:** A good number of working days in each semester are taken up by sports events such as College week and Inter College sports and the preparation for these events.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

The following measures are taken by the college to monitor and evaluate the quality of teaching and learning:

- a. Through Academic committee review process.
- b. IQAC teacher assessment is conducted each year. All faculty members are given a letter on their current performance, which they can then compare with their past performance.
- c. The Principal and Vice-Principal conducts regular classroom visits to ensure that faculty members are present in the classroom as well as to ensure that classes are conducted in a timely manner.
- d. Result analysis is one of the most important method of evaluation of teaching learning process. IQAC prepares a detailed result analysis of the University examination and provides recommendations to the Principal.

- e. The principal conducts a departmental meeting with each department to review the results and motivate the faculty members.
- f. IQAC conducts annual review meeting to reflect on faculty performance and departmental performances.
- g. The principal organize faculty meeting at the start of each semester and before the start of examination. Meetings are also conducted on the need basis.
- h. Head of departments conducts faculty meetings and discussion.
- i. The college conducts Parents teacher meeting to monitor the progress of the students.
- j. Through counseling during CCA period.

2.4 TEACHER QUALITY

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum As on 1st August 2015

The college have 104 regular faculty out of which 60.57 % are doctorate degree holders, 2 M Phil and 37.5 % are P.G degree holders. Out of the PG degree holders 53.8 % currently pursue their doctoral studies. The college projects 80 % faculties with Ph.D degree holders in the next cycle of assessment.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
Ph.D.	1	0	8	6	37	11	63
M. Phil.			1		1	3	5
PG			4	3	14	15	36
Temporary teachers							
Ph.D.							
M. Phil.							
PG					0	4	4
Part-time teachers (LB)							
Ph.D.					3	1	4
M. Phil.							
PG					9	7	16

(a) Recruitment Procedure:

Recruitment of regular faculty members: Since the college is a constituent college, all recruitments are done by the university in accordance with the UGC regulations and Mizoram University recruitment rules.

Recruitment of Guest faculty: As per UGC and University recruitment rules.

(b) Retention of Faculty:

The faculties are satisfied with the work environment of the college and the State. As such the college has no problem in retaining its faculties. However, few faculty members have left the college for other jobs. Faculty members who left the college in the assessment years are:

1. Dr. Sarat Singh, Dept of Mathematics to Mizoram University.
2. Dr. Robindro Singh, Department of Physics to North Eastern Hill University, Shillong.
3. Dr. S Devi, Department of Botany to Mizoram University.
4. Dr. Salam Shantikumar, Department of Statistics to Manipur University.

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The college faculty retention rate is very good. So there is no scarcity of qualified senior faculty members at the college.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

(a) Nomination to staff development programmes

Year	Refresher Courses	HRD Programme	Orientati on Courses	Staff Training by University	Staff Training by other institutions	Summer/ Winter Schools Workshops
2011-12	16		3			1
2012-13	17		15			
2013-14	7	1	4	2	1	
2014-15	9		10	3	1	4

(b) Faculty Enrichment Programmes

Apart from organizing international, national/ state level seminars and workshops, the following are the list of programmes organized for faculty enrichment.

Sl no	Year	Topic	Resource Persons
1	30th September 2011.	Science Education Campaign (in commemoration of International Year of Chemistry 2011)	Dr. Zodinpuia, Department of Chemistry, Mizoram University and Dr K Pachhunga, Govt. Lunglei College

2	August – December 2011	Modern teaching techniques	Dr. Varparhi, Institute of Advanced Studies in Education, Mizoram, Mr SK Gosh Director College development council. Dr. Vanramliana, Coordinato IQAC, Dr. Lalramliana, Dept.of Zoolgy PUC.
3	10 th April 2012	IQAC review meeting and evaluation of departments	Dr. Tawnenga, principal Henry Lalmawizuala, Asst. Coordinator IQAC
4	20th July 2012	Orientation for newly recruited teachers	Dr. Varparhi, Institute of Advanced Studies in Education, Mizoram. Mr. Rothangliana, Section Officer PUC
5	9-10th May 2013	Two-day workshop on Innovative methods of teaching in Higher education	Dr Vanlalhruaii, Principal, IASE.
6	22/07/2013	IQAC Departmental Coordinators training	Mr Henry Lalmawizuala, Asst Coodinator IQAC
7	11/3/2013	Internal Monitoring cum Research Sensitization Programme	Professor R.P Tiwari, Dean School of Earth Sceinces, MZU
8	2/8/13	Quality Enhancement Seminar, IQAC	Dr. C Lalrawna, Vice Principal Dr. Vanramliana, Coordinator IQAC Mr Henry Lalmawizuala, Asst. Coordinator IQAC.
9	21st-23rd August 2013	Training Techniques in Biotechnology & Bioinformatics for college teachers	Prof. Senthil Kumar, Dept. of Biotechnology MZU.
10	4th Aug- 22nd Aug 2014	Training on DNA isolation and PCR amplification for Faculties of Zoology Department, PUC	Dr. Lalramliana, Dept. of Zoology PUC
11	25th Aug- 12th Sep 2014	Training on DNA isolation and PCR amplification for Faculties of Botany Department, PUC	Dr. Vanramliana, Dept. of Zoology PUC
12	15th Sep- 26th Sep 2014 5	Training on DNA isolation and PCR amplification for Faculties of Environmental Science Department, PUC	Dr. Vanramliana, Dept. of Zoology PUC
13	2-4 March, 2015	Training Program on Data Mining and Business Analytics (North East)	Prof. K K Chowdhury: Indian Statistical Institute, Bangalore Prof. Ashok Sarkar: Indian Statistical Institute, Mumbai
14	9th -16th February, 2015.	“Statistical and Computing methods for life Science data Analysis”	ISI Kolkata
15	4th August – 22nd November, 2014	IIRS-EDUSAT-2014 course-Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System	Indian Institute of Remote Sensing

(c) **Percentage of Faculty invited as Resource Persons/ Participated in/ Presented Papers in Workshops / Seminars / Conferences:**

	Workshops		Seminars		Conferences		Symposia	
	Resource Person/ Presented	attended	Resource Person/ Presented	attended	Resource Person/ Presented	attended	Resource Person/ Presented	attended
2010-11	0.96	15.38	4.81	22.12	2.88	0.96	0	0.96
2011-12	12.5	60.57	45.19	118.26	9.62	8.66	1.92	4.81
2012-13	17.31	46.15	32.69	132.69	10.57	9.62	0.96	0.96
2013-14	8.66	26.92	57.69	94.23	7.69	5.76	1.92	0.96
2014-15	24.04	43.27	46.15	77.88	9.62	6.73	0.96	0

Teachers availing Leave (PhD leave)

Sl. No	Name	Department	Year
1	Vanlalhlana	Commerce	2010-13
2	Vanlaltanpuia	Philosophy	2010-13
3	Lalhriatzuala	Physics	2010-13
4	David Zothansanga	Public Administration	2011-13
5	Y Rangeela Devi	Physics	2012-14
6	Lalthantluangi Sailo	Psychology	2014
7	C Lalhraitpuia	Chemistry	2013-15
8	Thanhmingliana	Chemistry	2013-15
9	Dr Lalramliana*	Zoology	2013
10	Dr. K Birla Singh*	Zoology	2015
12	Lalchhuanmawii	Education	2015

* = DBT Associateship programme

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

A. Pursuing higher studies: The Principal encourages faculty members to pursue further studies and research. During the period under assessment there are 19 faculty granted doctoral degree and 1 faculty with M.phill , the number of faculty members pursuing higher research has increased. Currently there are 21 faculty members pursuing higher studies. The following faculty members were granted higher degrees.

List of faculties granted Doctorate degree during 2011-15

Sl. no	Name	Department	Year	Degree
1	HC Lalchhuanawma	Pub. Ad	2014	M Phil
2	Thanhmingliana	Chemistry	2015	PhD
3	C. Lalhriatpuia	Chemistry	2015	PhD

4	Lalbiaksangi Chawngthu	English	2014	PhD
5.	Rualzakhumi Ralte	English	2012	PhD
6	Rebecca Angom	English	2012	PhD
7	Lallawmkimi	Env. Science	2014	PhD
8	Hilda Lalrinpuui	Env. Science	2014	PhD
9	Rohmingmawii	History	2014	PhD
10	David Zothansanga	Public Ad.	2012	PhD
11	Zoraminthara	Mizo	2013	PhD
12	T Sada Shivam	Public Ad.	2013	PhD
13	Vanlaltanpuia	Philosophy	2014	PhD
14	Y Rangeela Devi	Physics	2013	PhD
15	N.S Singh	Physics	2014	PhD
16	Lalrammawii	Pol. Science	2012	PhD
17	N William Singh	Sociology	2014	PhD
18	Arvind Pandey	Stitistics	2015	PhD
19	Vanramliana	Zoology	2013	PhD
20	Kaushalendra	Zoology	2013	PhD

List of Faculties pursuing Doctoral Studies as of 1st August 2015

Sl. No	Name	Department
1	Vanlalthlana	Commerce
2	Lalthanzuali Hauhna	Commerce
3	Lalchhuanmawii	Education
4	Henry Lalmawizuala	English
5	Vanlalveni Pachuau	English
6	Jamie Zodinsangi Hrahse	English
7	V Lalmalsawmi	English
8	G.Deka	Geography
9	Esther Laltlankimi	History
10	HC Lalchhuanmawa	Pub. Administration
11	Lalropari Renthlei	Pub. Administration
12	Lalthantluangi Sailo	Psychology
13	Lalropui	Psychology
14	J. Prakash Rajan	Chemistry
15	Bubul Bharali	Geology
16	Laldinpuia	Geology
17	Lp Duhawma	Mathematics
18	J Lalvohbika	Mathematics
19	Denghmingliani Zadeng	Mathematics
20	Lalhriatzuala	Physics
21	Lalrinthara	Physics

B. Faculty leave: Faculty members have the freedom to avail study leave while pursuing their doctoral studies, as well as for attending and presenting seminars, workshops, and making presentations in international conferences and seminars, etc. Faculty members are also allowed to avail leave for research training. Three faculty members have received National and International Associate-ships.

Sl no	Name	Department	Award
1	Dr. Lalramliana	Zoology	DBT National Associateship at Assam University, Silchar, 2014
2	Dr. K Birla Singh	Zoology	DBT International Associateship at Kings College, London 2015
3	Dr. Khelchandra Singh	Environmental Science	Chevening Scholarship Programme, Queen's Mary College, London, 2015

C. Arrangement of temporary faculties and Guest faculty: There are many faculty members availing leave for their research especially after the insistence on course work by the UGC. To ensure the smooth functioning of the college, the administration has provision for engaging temporary faculty and guest lecturers.

D. Research Initiatives: The college promotes research among the faculty members. The college conducts a research monitoring and sensitization seminar. Research funds available with the funding agency are circulated by IQAC and aid in their application. The research grants during 2011-15 have increased many fold. The college has a separate Research and Project Committee to look after the research initiatives in the college.

E. Internal research funding: The college also sanctioned Rs. 50,000 in 2010 to the Department of Zoology to start research activities at the Department. The project was completed in 2011. This initiative has led to the discovery of many new species of fish and laid the foundation for future studies. Similarly, the department of Botany was sanctioned Rs. 50,000 to study the plant diversity at the college campus in 2014. This led to the publication of a book *Cryptogamic Diversity of Pachhunga University College*.

F. Research Instrumentation Centre: Due to an increase in research activities, the college administration constructed a Research Instrumentation Centre which is a self-financed centre. The administration ensures the growth of research and development of the college by providing necessary infrastructure for research in many departments, renovation and extension of departments to enable research activities which in turn motivates the faculty members to take up further studies.

G. Faculty Publication: The college administration and IQAC inculcate the importance of publication among faculties. The college promotes college publication and in association with local and national publishers publishes books and practical manuals for the college. Some books published by the college are:

SI NO	NAME OF BOOK	Authors/ Editors	YEAR OF PUBLICATION	ISBN
1	A textbook of Environmental studies	Vanramliana & H Lalruatsanga	2011 (3 Eds)	Nil
2	A textbook of Environmental studies	Vanramliana, Lallawmkimi, Hilda Lalripuii and H Lalruatsanga	2015	978-81-287-0007-1

3	An Insight to Phulpui	Tawnenga, Malsawmdawngliana & Rohmingmawii	2014	978-81-924321-8-2
4	A text book of Algebra	L Thangmawa and LP Duhawma	2014	978-81-924321-1-3
5	Elementary Calculus	L Thangmawa and J Lalvohbika	2014	978-81-924321-4-4
6	Cryptogamic Diversity of Pachhunga University College Campus	HS Thapa, <i>et al</i>	2014	978-81-924321-9-9

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

- Professor JV Hluna, “Glory of India Award” by Economic and Social Development foundation For: Excellence in Chosen field of Activity” in 3rd September 2012 at New Delhi.
- Professor J.V. Hluna, “Vidya Ratna Award” for his contribution in the field of education awarded by The Economic for health and education growth in 27th February 2012 at New Delhi.
- Professor JV Hluna, “Education Excellence Award for Excellence in academics, NCC and Field of Community service/extension activities” awarded by All India Business Development Association in 2014.
- Professor JV Hluna, “Best Educationist Award by Economic Growth Foundation for Excellence in academic, NCC and Field of Community service/extension activities” Awarded by All India Business Development Association in 22nd September 2014 at New Delhi.
- Professor JV Hluna, “Promoting Achievement that benefit Social and Economic and Economic development” awarded by All India business association in 15th June 2014 at Tashkent (Uzbekistan).
- Professor JV Hluna, “Indo-Thai Sadbhavana Award” awarded by All India Business Association on 15th February 2015 at Bangkok, Thailand.
- Professor JV Hluna, Rajiv Gandhi Achiever’s Award for Education excellence” by International Business Council in 23 September 2014 at New Delhi.
- Dr Zoramdinthara, Department of Mizo was awarded a Certificate of Appreciation in the field of voluntary blood donation, “For contributing to the remarkable achievement of 91% voluntary blood donation in Mizoram during 2011-12”.
- Dr. Lalramliana, Zoology, DBT National Associate-ship a 2014
- Dr. K Birla Singh Zoology, DBT International Associate-ship at Kings College, London 2015
- Dr. Khelchandra, Environmental Science, Chevening Scholarship Programme, Queen’s Mary College, London, 2015.

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

The evaluation of teachers by the students has been conducted by the IQAC every year starting from 2012. The faculty assessment provided by NAAC is modified as per the convenience of the college. Each departmental IQAC coordinator is responsible for the assessment. At the end of each assessment the performance of each faculty member is evaluated and a letter is sent by the Principal to each faculty member noticing their performance in the previous achievement and the assessment year.

2.5 EVALUATION PROCESS AND REFORMS

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

- The college has a separate Examination Cell.
- Students are informed about the examination system - both internal and external examinations - at the beginning of the semester. This is done through a PowerPoint presentation prepared by IQAC.
- Internal evaluation system and the time of the internal continuous assessment are notified in the college prospectus.
- The students are informed about the college's internal evaluation system. The college conducts three Continuous Assessment (CA). The average of best two out of the three tests are taken for their final internal marks.
- Parents are informed about the continuous assessment system during the PTA meetings.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

The college adopts the Mizoram University Examination rules and regulations. Some of the reforms undertaken by the University are:

- Introduction of a semester system across all graduate studies from 2011 academic session.
- Introduction of a central evaluation system since 2012.
- Introduction of an internal evaluation of University practical examinations.
- Preparation for introduction of Choice Based Credit System (CBCS).
- Introduction of attendance marks and class performance marks as part of the internal assessment.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

The college contributes to and implements the changes in the evaluation system through the following processes:

- The college is a role model for implementing the semester system.
- It is practically impossible for the colleges in Aizawl to directly submit their answer sheets to Mizoram University on a daily basis as it is far away from the heart of the city. Pachhunga University College is the venue for temporary submission of answer sheets from various colleges inside Aizawl. The answer sheets are kept securely in a strong room. Three members of the Examination Committee of the college are on duty for this purpose. This help in the centralization of the evaluation system.
- The college is the venue for central evaluation. The college is the only college within Aizawl to have enough infrastructures to hold the central evaluation.
- The administration encourages the faculty members to participate in the central evaluation. Faculty members make the central evaluation their priority so that the university evaluation is not delayed.
- Input by the Principal in the Principal's meeting and curriculum discussion.
- Input by the faculty members in Board of Studies and by the Members of the Academic council.

Effective Implementation of the Evaluation Reforms those Initiated by the Institution on its Own

- After the introduction of the semester system, the college adopted its own system of evaluation for internal assessment. The system follows the question pattern in the external University examination. The system of marks distribution adopted are:

Objective (MCQ)	Short Answer	Descriptive	Total
5x1=5 marks	3x5=15	10x2=20	40 marks

- An option for a re-test is also laid down in the college regulations. The Principal, in consultation with the department concerned, can grant special permission for a retest.
- The college ensures transparency in the evaluation process. After evaluation, all internal examination papers are distributed to the students. All marks are displayed in the notice board. Students are given the opportunity to air their grievances, if any, in this regard.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Formative Evaluation

- Continuous Assessment in all papers/semester including compulsory subject.
- Continuous Assessment consisting of two essay type questions.
- Compulsory MCQ in the internal examination.
- Submission of assignment: one per paper.
- Presentation of assignment papers through PowerPoint presentation.

- Introduction of micro research projects in DBT Star College Scheme.
- Presentation of research papers in seminars.
- Publication of papers in journals and magazines.
- Submission of study tour reports and field visit reports.

Summative Assessment

- An end semester examination (ESE) is conducted by the university.
- Theory consist of 75 marks ESE and 25 marks CAT in arts and commerce subjects without practical
- In science 55 marks for ESE, 15 marks for CAT, 10 marks CAT practical and 20 marks for Practical ESE.

Impact of the evaluation approach

- The college performs better under the semester system of education. This is reflected in the results.
- The number of rank holders from the college has increased.
- The Continuous Assessment Test method adopted by the college prepares the students for external examinations. This prepares students for the external examinations.
- The publication of papers and presentation of papers have increased students' confidence. Presentation of assignment through PowerPoint prepares the students for further studies and increases their confidence.

The college IQAC has a system of analyzing end semester exam results which is provided to all the departments for their evaluation. The departments are analyzed in two ways:

1. Departmental performance: This signifies the departmental students pass percentage, number of first division and fail percentage.
2. Subject wise performance. This signifies the subject wise performance especially in 1- 4th semester elective and compulsory subjects.
3. All departments notify the students' internal marks in the notice board.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

The college ensures rigor and transparency in internal assessment system.

- All Continuous Assessment (CA) are conducted under strict vigilance. Extra invigilators are detailed in compulsory subjects like English, Mizo, History of Science and Environmental Studies to ensure vigilance and smooth conduct of the exams.
- The detailed routine, room and invigilator arrangements are done by the Exam committee.
- The CA schedule and the system of examinations are explained in the college prospectus.
- The college adheres to the date set aside for exams in the calendar.

- The CA system followed by the college has not been changed since the implementation of the Semester system.
- Timely assessment of CA papers and showing the marks to the students for transparency.
- All students can complain to the teacher concerned, then the head of the concerned department and finally to the Principal in case of grievances.
- The academic committee reviews the internal test.

Weightage for overall development of students – behavioral aspect, independent learning and communication skills:

- Weightage is given to student's attendance and class performance. Students with good attendance and good behavior have a chance of good CP marks.
- Class performance indicates the students' performance in the unit/topic test/pop quiz and topic assignments.
- The third CA assignment test encourages the students to adopt their own system of thinking, resourcefulness and creativity.
- The third CA is also conducted through PowerPoint presentation which nurtures the student's communication skills.
- Practicals are assessed based on their performance in the class.

Student projects and presentations develop enhance the learning skills of the students. The college and the faculty use assessment as an indicator for evaluating student performances.

- The marks obtained by students in the CA enables teachers to effectively provide counseling to students as it indicates their strengths and weakness.
- Students, on the basis of their CA marks, can approach the teacher for advice.
- The student performances are evaluated by the head of the concerned department prior to analysis by the Academic committee.

2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

Yes, the Graduate Attributes of this college are expressed through each academic department, which sensitizes the students of what they are expected to acquire at the end of their courses. The implementation and outcome of these attributes are closely monitored by the faculty through mentoring, counseling , and through feedback from the stakeholders (alumni and parent-teacher interface).

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

College level

- The college has a Grievances Redressal Cell.
- Students are given the opportunity to review their internal marks and attendance percentage.

- Students are given the time to take up any complaints with the teacher concerned.
- If students are not satisfied with the redressal of their grievances, they can approach the Head of Department.
- If grievances are not redressed by the respective Head of Department, the Principal and the Grievances Redressal Cell are the ultimate authority to resolve any issue.

University level:

The university abides by the rules and regulation laid by the Academic Committee and the University regulation. Students can complain their marks at individual paper 10 days after the issue of Mark sheet by the college.

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES**2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?**

Yes, the college is a student centric centre and the college motto of 'Learning and Service' clearly states the college vision with regard to education. The students and staff are made aware of this vision and mission through the following means:

- The college vision and mission are placed at strategic locations all throughout the campus.
- Through the Departmental briefing at the start of a fresh batch of students.
- Organizing orientation for newly recruited faculty members to ensure that they are well-versed in the college's learning and service system.
- Through meeting and staff motivational meetings.
- Through the college website and social media.
- Through speeches in college functions like the fresher's social, felicitation function, graduation dinner, etc.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

- IQAC provides detailed result analysis data on student examination results highlighting the strengths and weaknesses of the institute in that particular exam. Departmental performances and the subject pass percentage; number of first divisions, etc. are stated in the analysis.
- Result and review analysis meeting.
- All faculty meeting on departmental performances.
- All student internal and external exam data are maintained in the Students' Database.
- Through the Departmental Annual Report.

Summary and comparison of Results of Pachhunga University College					
B.A Summary					
Category	Years				
	2011	2012	2013	2014	2015
Rank holders total in University	22	21	65	99	108
Rank Holders from PUC	11	8	31	52	53
Total first Division in University	34	28	81	380	559
Total first Division in from PUC	11	10	37	115	138
Pass percentage of University	84.64	64.29%	68.96	62.26	63.16
Pass percentage of PUC	83.81	64.82%	67.47	76.68	76.08
B. Sc Summary					
Category	Years				
	2011	2012	2013	2014	2015
Rank holders total in University	59	7	25	54	65
Rank Holders from PUC	42	6	17	40	46
Total first Division in University	102	30	58	127	180
Total first Division in from PUC	58	23	30	79	112
Pass percentage of University	90.41	49.99%	44.35	58.82	62.35
Pass percentage of PUC	89.29	69.77%	36.995	62.5	63.19
B.Com Summary					
Category	Years				
	2011	2012	2013	2014	2015
Rank holders total in University	2	11	1	0	1
Rank Holders from PUC	0	3	11	10	10
Total first Division in University	2	27	1	8	9
Total first Division in from PUC	0	7	19	46	47
Pass percentage of University	95.24	81.6	65.05	71.64	80.2
Pass percentage of PUC	100	89.47	67.47	64.58	65.78

Result compiled Pass Percentage (2011-15)							
BACHELOR OF ARTS							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Economics	93.3	85.71	84.84	86.49	71.42	84.352
2	Education	64.2	58.33	76.92	96.43	82.14	75.604
3	English	84.6	91.66	84.61	67.86	76.92	81.13
4	Geography	90	44.44	65.3	85	61.53	69.254
5	History	84.6	42.1	75	71.05	79.31	70.412
6	Mizo	75	50	61.9	64.29	50	60.238
7	Philosophy	100	100	71.42	50	86.36	81.556
8	Political Sc	95	69.56	76.19	79.31	76.92	79.396
9	Psychology	91	100	87.5	37.5	94.44	82.088
10	Pub Ad	58.3	77.77	93.75	96.15	59.25	77.044
11	Sociology	86	66.66	81.48	60	95.23	77.874
BACHELOR OF SCIENCE							

Sl no	Department	2011	2012	2013	2014	2015	Average
1	Biotechnology	NA	NA	NA		66.66	66.66
2	Botany	77	100	69.23	84.21	75	81.088
3	Chemistry	80	57.14	18.51	35	52.17	48.564
4	Environmental Sc	NA	NA	NA		63.63	63.63
5	Geology	92	100	43.47	69.57	66.66	74.34
6	Mathematics	92	11.11	22.72	48.28	72	49.222
7	Physics	91	83.33	36.36	47.62	37.5	59.162
8	Statistics	100	100	33.33	60	40	66.666
9	Zoology	100	100	92	95.45	80	93.49
BACHELOR OF COMMERCE							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Commerce	100	42.64	66.66	64.58	65.78	67.932

Result compiled No. of 1st Division (2011-15)							
BACHELOR OF ARTS							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Economics	0	0	2	18	11	6.2
2	Education	0	2	1	11	10	4.8
3	English	1	0	0	7	9	3.4
4	Geography	2	0	2	18	10	6.4
5	History	0	0	1	9	16	5.2
6	Mizo	1	1	3	8	9	4.4
7	Philosophy	0	0	0	3	11	2.8
8	Political Sc	2	1	13	17	5	7.6
9	Psychology	2	0	4	4	28	7.6
10	Pub Ad	0	1	3	12	9	5
11	Sociology	1	3	11	8	20	8.6
BACHELOR OF SCIENCE							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Biotechnology					5	5
2	Botany	6	1	8	15	18	9.6
3	Chemistry	3	2	1	5	11	4.4
4	Environmental Sc					7	7
5	Geology	12	7	1	15	14	9.8
6	Mathematics*	8	0	1	11	17	7.4
7	Physics	11	4	4	7	5	6.2
8	Statistics	2	1	2	5	6	3.2
9	Zoology	5	8	21	21	16	14.2
BACHELOR OF COMMERCE							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Commerce	0	7	1	8	13	5.8

Result compiled No. Of Rank holders (2011-15)							
BACHELOR OF ARTS							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Economics	0	0	2	1	4	1.4
2	Education	0	2	1	7	5	3
3	English	1	0	0	5	5	2.2
4	Geography	2		2	6	3	3.25
5	History	0	0	1	4	5	2
6	Mizo	1	1	2	4	1	1.8
7	Philosophy	0	0	0	1	6	1.4
8	Political Science	2	1	8	6	4	4.2
9	Psychology	2	0	4	4	7	3.4
10	Pub. Ad	0	1	2	7	4	2.8
11	Sociology	1	3	9	6	9	5.6
BACHELOR OF SCIENCE							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Biotechnology					5	5
2	Botany	5	1	5	7	8	5.2
3	Chemistry	0	2	1	5	4	2.4
4	Environmental Sc					2	2
5	Geology	9	7	2	9	4	6.2
6	Mathematics	6	0	0	5	8	3.8
7	Physics	6	4	1	5	5	4.2
8	Statistics	2	1	0	0	2	1
9	Zoology	3	8	8	9	8	7.2
BACHELOR OF COMMERCE							
Sl no	Department	2011	2012	2013	2014	2015	Average
1	Commerce	0	2	1	0	1	0.8

Result compiled Rank holders (2011-15)						
BACHELOR OF ARTS						
Sl. No	Department	2011	2012	2013	2014	2015
1	Economics	0	0	1,7	3	1,4,6,10
2	Education	0	1,6	2	1,2,4,6,7,8,10	1,2,5,6,8
3	English	1	0	0	1,3,4,7,10	1,5
4	Geography	1,3	0	1,4	1,2,5,6,7,9	1,2,8
5	History	0	0	1	1,2,5,6	1,3,5,7,10
6	Mizo	1	2	1,5	2,4,7,9	9
7	Philosophy	0	0	0	1	1,2,4,6,7,8
8	Political Science	2	1	2-4,6-10	2,3,4,5,7,9	1,4,5,6
9	Psychology	0	0	1,3,5,6	1,2,3,4	1,2,3,4,6,8,9
10	Pub. Ad	0	1	1,2	1,2,3,4,7,8,9	3,5,7,10
11	Sociology	3	2,3,4	1-9	2,3,4,5,9,10	1,2,3,4,5,6,7,9,10

BACHELOR OF SCIENCE						
Sl. No	Department	2011	2012	2013	2014	2015
1	Biotechnology					1,2,3,4,5
2	Botany	1,2,3,4,5	1	2,3,5-7	1,2,3,5,8,9,10	2,4,5,6,7,8,9,10
3	Chemistry	0	1,2	1	1,2,5,6,7	3,5,6,7,8
4	Environmental Science					1,2
5	Geology	1-9.	1-7,	1,2	1,2,3,4,5,6,7,9,10	1,2,3,4
6	Mathematics	1-6.	0	0	1,4,5,7,9	1,2,3,4,7,8,9,10
7	Physics	1-6.	1-4,	1	1,2,4,6,7	1,2,3,5,6
8	Statistics	1,2	1	0		1,2
9	Zoology	1,2,3	1-7 & 9	1,2,5-8,10	1,2,3,4,5,6,7,8,9	1,4,5,6,6,7,8,9
BACHELOR OF COMMERCE						
Sl no	Department	2011	2012	2013	2014	2015
1	Commerce	0	3,10	3	1	7

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The college has adopted strategies related to teaching-learning-assessment and improved upon them over the years.

- The courses and the syllabus are framed by the University BOS. Faculty members of the college are members of these boards. Every department in the college has a representative member in the BOS in the University.
- The college organizes good exposure programmes for the students including study tours, special lectures and invited lectures, etc.
- The college organizes and conducts personality development programme, career oriented programmes, certificate courses to facilitate students in their learning outcome.
- The college's examination and evaluation system provides a good stringent system to promote healthy competition.
- The college regulation on internal assessment and evaluation provides stability to a systematic approach to learning.
- Organizing students' projects apart from their normal curricula enhances students learning and innovative thinking process.

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

- The college organizes seminars, workshops and conferences on relevant topics.
- The college adopts a village with students' participation in the process.

- The college organizes and educates students on important topics like suicide, HIV aids awareness, drugs and alcohol abuse, etc.
- The college organizes programmes for environmental conservation with neighboring localities.
- Collaboration with local NGOs like Young Mizo Association, PRISM, etc to enhance the social participation of students.
- By organizing voluntary blood donation camps to instill the idea of self sacrifice- “tlawmngaihna” in Mizo language - to the students. This “tlawmngaihna” is the pillar of Mizo society.
- By organizing training for students in Modern Biotechnology to enhance their research aptitude.
- By conducting research projects.
- Conducting extension programmes through the Institutional Biotechnology Hub to rural institutions with student presentations provides good innovative practices.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Data analysis

- IQAC provides detailed result analysis data on student examination results highlighting the strengths and weaknesses of the institute in that particular exam. Departmental performances and the subject pass percentage; number of first divisions, etc. are stated in the analysis.
- Result and review analysis meeting.
- All faculty meeting on departmental performances.
- All student internal and external exam data are maintained in the Students’ Database.
- Through the Departmental Annual Report.

Planning and overcoming barriers of learning

- The college principal holds faculty meeting based on the academic performances of each departments highlighting their strength and weakness of each departments discussing their future plans.
- The college academic committee delegates the data and plans for future improvement.
- IQAC analyze data and holds review meetings and plan projection for the college.
- Admission data provides insight to the future plans of the college admission procedure. Eg. Direct admission of Arts students was increased from 60% to 65 % in the consecutive years.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

Achievements of the learning outcomes is closely monitored by the Principal, Academic committees and IQAC. The Principal ensure the achievement of the proposed learning outcomes by the institutional

committees. The review system provides a good monitoring system while also serving motivational purposes.

2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples.

Yes, the college uses assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning.

Some important processes are:

- IQAC result analysis is used for accessing departmental performance
- Results of the examination are discussed in the Academic committee meeting.
- The Principal conducts departmental meeting in the principal's chamber reflecting upon the performance of the department and discussing future plans.
- Students counseling are conducted based of their performances in internal assessment and attendance.

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

CRITERION III RESEARCH, CONSULTANCY AND EXTENSION

The college promotes research amongst its faculties. The College is the only college in Mizoram having a research centre where Ph.D scholars are actively working for full time research. Faculty members are also engaged in research activities and some departments have consultancy and extension services. This clearly indicates the status of the college.

3.1. PROMOTION OF RESEARCH

3.1.1 Does the institution have recognized research centers of the affiliating University or any other agency/organization?

Yes, the college has well a established laboratory in all science departments and three laboratory in arts. Apart from laboratories, the college has two research centers:

- **Research and Instrumentation Centre:** There is a well equipped Research and Instrumentation Centre. The centre hosts four PhD scholars, three Junior Research Fellows and one DST Women Scientist.
- **Institutional Biotechnology Hub:** The college hosts the DBT Institutional Biotech Hub which was established in 2011 at the Department of Zoology. The Institutional Biotechnology Hub conducts training on biotechnology techniques for faculty members, belonging to the college and outside the college, research scholars, PG students, graduate students and also organizes an exposure programme for higher secondary students. The activities of the DBT Institutional Biotechnology Hub, Pachhunga University College are listed under criteria 3.1.6.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.= Yes

The college has a separate research committee known as “Project Committee’ which was previously called “Project and IT committee.” In 2014, it has been split into ‘Project Committee’ and ‘IT and Website Committee’. The committee consists of:

Chairman	: Dr. Tawnenga, Principal
Vice Chairman	: Dr.RKPG Singha, Dept.of Commerce
Secretary	: Dr. H.Lalthanzara, Dept.of Zooogy
Assistant Secretary	: Dr K.Birla Singh, Dept.of Zoology
Members	

1. All Principal Investigators having Major Research Project and all Joint Supervisors
2. Dr. M.Z Khiangte, Department of Economics
3. Dr Rinpari Ralte, Dept. of Psychology
4. Dr.Rohmingmawii, Dept. of History
5. G.Deka, Dept.of Geography
6. Dr.K.C Das, Dept of Env. Science
7. Dr. K.K. Singh, Dept of Env. Science

8. Babul Bharali, Dept of Geology
9. Dr. P.C.Vanlalhluna, Dept of Botany
10. UDC i/c Project

Functions of the Project Committee:

- Notify the available research projects to faculty members.
- Help the faculty in research project application.
- Project mentoring and monitoring.
- Application and monitoring college research projects.
- Maintain and monitor Research Instrumentation Centre.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

The college provides good atmosphere and facilitate necessary infrastructure and moral support to faculty members having research projects. There has been tenfold increase in the amount of research projects compared with the previous assessment period which clearly indicates facilitation and encouragement of the research scheme in the college. Some of the measures taken are:

1. Autonomy to project investigators.
2. Maintain good environment for research activities.
3. Room renovation and provision of equipments and infrastructure for conducting research.
4. The college campus is accessible for research coordinators 24x7.
5. Ensuring timely procurement of research instruments, recruitment of research scholars (JRF), timely release of funds etc.
6. Sound financial system providing a well-oiled mechanism for research projects.
7. Creation of separate Research Instrumentation Centre.
8. Regular internet connection and IT infrastructure.
9. Power backups from 100KVA Generator.
10. Providing necessary transportation when required.

The college has a well developed regulation to ensure the smooth functioning of the Major Projects, given as under:

PACHHUNGA UNIVERSITY COLLEGE PROJECT GUIDELINES 2012

1. All Major Projects and other projects should follow the rules and regulation laid down by the college.
2. Purchase of equipments should be done through the following method:
 - a. Project Coordinator/Investigator should approach the Head of Department to which he belongs to convene departmental purchase committee for the procurement of equipments.
 - b. Department purchase committee consists of faculty members in the department.
 - c. Final approval should be obtained from the Principal through the Head of Department.
 - d. Purchase should be done through sealed quotation as per college norms.
 - e. List of equipment to be purchased should be submitted to the Principal. Quotations should be invited in the name of the Principal.

3. List of equipment procured under Major or Minor projects should be registered in the department and will be looked after by the respective Heads of Department.
4. Cash book should be maintained by each project coordinator/principal investigator.
5. Half-Yearly reports including progress report, expenditure statement and future plan should be presented before the Principal, Head of Department and invited experts.
6. Duration of presentation will be notified by the Assistant Coordinator, IQAC cell in consultation with the PI/Coordinator.
7. Projects sanctioned under any investigating agency should be done efficiently and must be documented for future references.
8. All equipment procured under any project as per standing guidelines of the college, is the property of the college. Each department will be responsible for its maintenance and repair.
9. Any grievances related to project matter can be submitted to the Principal. The matter will be handled internally by the college's Grievances Cell and Project and IT Committee.
10. The Principal is the executive authority in any process of decision making

3.1.4: What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The institution promotes a scientific temper/research culture among students by:

- **Studentship Training:** The college conducts and hosts DBT Sponsored Studentship training for post graduate students. This training-ship is hosted by the Department of Zoology, Institutional Biotechnology Hub. The main aim of the training is to prepare students for future research and jobs.
- **Student training on Modern Biotechnology:** The Department of Zoology hosted this programme under the Institutional Biotechnology Hub and DBT Star College Scheme. Hands-on-training is conducted for one week on DNA extraction and amplification to prepare students for their further studies. This is conducted every year from 2012.
- **Student projects:** Student research projects are conducted in some arts departments and departments covered by DBT STAR College Scheme. Some of the projects are published in journals and presented in seminars. Departments conducting student projects are:
 - Public administration
 - Education
 - Geography
 - Psychology
 - Zoology
 - geology
 - Botany
 - Physics
 - Chemistry and
 - Environmental science

- **Internet & PowerPoint training:** Students are trained to make and use PowerPoint presentation in their class assignments. The training includes basic internet browsing, information retrieval, basic DTP and presentation.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

The college considers research as an important academic activity for the improvement of the faculty. The college strives to attain full time supervisor-ship of PhD students under Mizoram University. There are four faculty members with PhD co-supervision, 12 major projects and 24 minor projects.

List of faculty members with Ph.D co-supervision:

Ph.D Joint Supervisorship			
Sl no	Name of Student with Ph.D Registration	College Faculty	Collaborated Faculty
1	Samuel Lalronunga(PhD Awarded) MZU/Ph.D./370 of 02/06/2011	Dr. Lalramliana, Zoology	Prof. Lalnuntluanga, Env. Science, Mizoram University
2	S. Beihrosa MZU/Ph.D./565 of 13/05/2013	Dr. Lalramliana, Zoology	Prof. Lalnuntluanga, Env. Science, Mizoram University
3	Betsy Zodinpuui MZU/Ph.D./680 of 13/05/2013	Dr. H Lalthanzara, Zoology	Prof. Lalnuntluanga, Env. Science, Mizoram University
4	Lawmzuali Renthlei MZU/Ph.D./548 of 20/05/2013	Dr. Ksh. Birla Singh, Deptt. Of Zoology, PU College	Dr. N. Mohan Das Deptt. of Chemistry, MZU
5	PB Lalthanpuui MZU/Ph.D./764 of 22/05/2015	Dr. K Lalchhandama, Zoology	Dr. HT Lalremsanga, Deptt. Of Zoology, MZU
6	Remruattluanga Hnamte MZU/Ph.D/744of 22.05.2015	Dr. H Lalruatsanga, Botany	Dr. R Lalfakzuala, Department of Botany, MZU
7	Archana Singh MZU/Acad-6/5/12/4034	Dr. Rajesh Kumar, Mathematics	Dr. Jay Prakash Singh, Dept. Of Mathematics, MZU
8	Jagannath Chowdhry MZU/Acad-6/5/12/4035 (PhD Awarded)	Dr. Rajesh Kumar, Mathematics	Dr. Jay Prakash Singh, Dept. Of Mathematics, MZU
9	PC Lianthangpuui MZU/PhD/640 of 02.05.2014	Dr. Rahul Verma, Geology	Prof. Shiva Kumar, Dept. Of Geology, MZU
10	John Blick MZU/PhD/599 of 25.10.2013	Dr. Rahul Verma, Geology	Prof. Shiva Kumar, Dept. Of Geology, MZU
11	Ms Noarem Rebika Devi MZU/PhD/759 of 01.05.2015	Dr. Rinpari Ralte, Psychology	Prof. Zokaitluangi, Dept. Of Psychology, MZU
12	B Lalremruati MZU/PhD/593 of 30.10.2013	Dr. Zoraminthara, Mizo	Prof. RL Thanmawia, Dept. Of Mizo MZU

Faculty Leading Research Projects/Faculty engaged In Individual /Collaborative Research Activity:

Sl No	Name	Dept.	Title	Agency	Amount	Major/Minor
1	Dr. Vanlalhruii Ralte	Botany	Phytochemical screening and antimicrobial activity of ipomoea cairica(L) Sweet.	UGC	120000	Minor
2	J.P.Rajan	Chemistry	Evaluation of Trace Minerals Czn,Cu,Mn,Fe,Cr, V and Se) concentrations in selected Ethno-Medicinal Plants of Mizoram	UGC	190000	Minor
3	Dr.Thanhmingliana	Chemistry	Clay based Hybrid materials in the remediation of aquatic environment contaminated with some endocrine disrupting chemicals (EDCs) and arsenic	UGC	330000	Minor
4	Dr.C.Lalhriatpuia	Chemistry	Photocatalytic degradation of Micro-Pollutants from Aqueous solutions using TiO ₂ thin film Photocatalyst	UGC	330000	Minor
5	Dr. K Vanlaldinpuia	Chemistry	Design, synthesis and application of d-fructose derived aminocatalyst for asymmetric synthesis.	UGC	480000	Major
6	Dr.RKPG Singha	Commerce	Entrepreneurship in Border Trade in North East India with a Special Reference to Mizoram	UGC	400000	Minor
7	Dr. Vanlalhlana	Commerce	Behaviour of Household Investors in Aizawl City, Mizoram	UGC	150000	Minor
8	Dr. Lalhunthara	Commerce	Entrepreneurship in MSMEs: A Study of Aizawl District, Mizoram	UGC	150000	Minor
9	Dr.Bobby Beingachhi	Geography	Spatial Analysis of Water Supply in Rural Areas of Mizoram.	UGC	128000	Minor
10	Ghanashyam Deka	Geography	Potentialities of Tourism in Mizoram: A Case Study of Northern Mizoram	UGC	100000	Minor

11	H.L Lawmzuala	Geography	Environmental Hazards and Management with reference to Landslide: A case study of Aizawl city	UGC	150000	Minor
12	Dr.Rahul Verma	Geology	Geological and structural Mapping of Area around Kulikawn, Southern Aizawl, Mizoram	UGC	160000	Minor
13	Dr.Rahul Verma	Geology	Detailed database on Geology, structure, geomorphology, slope land use/cover and landslide causative factors between Aizawl Town and Lengpui Airport.	DST	1128000	Major
14	Bubul Bharali	Geology	Geochemical Analysis of Bhuban Group of Rocks in parts of Surma Basis in and around Aizawl, Mizoram	UGC	500000	Minor
15	Dr. Laldinpuia	Geology	Instrumentation and monitoring of slope movement in Ramhlun Sports Complex, Aizawl, Mizoram, North-East India	UGC	500000	Minor
16	Dr.Sanjeev Kumar**	Library	Application of Information & Communication Technology in College Libraries of Mizoram	UGC	180000	Minor
17	Dr. S. Sarat Singh**	Mathematics	Wave Propagation in elastic continua	DST	1116000	Major
18	Dr.T.Sadashivam	Pub Admn	Role and Impact of Information and Communication Technologies on Students in Higher Education: A Study of Aizawl District	UGC	240000	Minor
19	Lalrinthara Pachuau	Physics	Study of RF Radiation from Cell Towers and its health hazards in Aizawl Dist. of Mizoram	ZET	120000	Minor
20	Y Rangeela Devi	Physics	Study of TL materials for high energy beams and heavy charged particles (HCP)	UGC	204000	Minor
21	Dr.Arvind Pandey	Statistics	Computational Approached in Testing of Hypothesis in Life time Models	UGC	135000	Minor
22	Lalpawimawha	Statistics	Risk Factors for Cancer Disease in Mizoram: A Statistical Analysis	UGC	300000	Minor

23	Dr. Vanramliana	Zoology	Bionomics of Malaria Vectors (Anopheles minimus and Anopheles dirus) and Epidemiological Study among Jhum Cultivators in Undivided Aizawl District of Mizoram	UGC	200000	Minor
24	Dr. Vanramliana	Zoology	Establishment of Institutional Biotechnology Hub	DBT	4262000	Major
25	Dr.H.Lalthanzara	Zoology	Propagation and Acclimatization of Ethno Botanically Important Plants of Mizoram.	GOM	634000	Major
26	Dr.Lalramliana	Zoology	Ichthyological Diversity and Conservation of Major Rivers and their Tributaries in Northern Mizoram	UGC	130000	Minor
27	Dr.H.Lalthanzara	Zoology	Diversity, Distribution and Habitat Selection by Pheasants in Mizoram, India	DST	1860000	Major
28	Dr.K.Birla Singh	Zoology	Evaluation of Etiologic Factors and Vitamin-D Receptor (VDR) start-codon FokI polymorphism Associated with High Prevalence of Urolithiasis in the Selected Urban Areas of Mizoram and Manipur	DBT	1828000	Major
29	Dr. H. Lalthanzara	Zoology	Diversity, distribution and abundance of soil macro fauna in shifting cultivation areas of Mizoram	UGC	128000	Minor
30	Dr. K Birla Singh	Zoology	Evaluation of Free Radical Scavenging Potential of <i>Allium hookeri</i> Thwaites Leaves and Root Extracts Using different <i>In Vitro</i> Models	UGC	152370	Minor
31	Dr. Lalramliana	Zoology	Characterization and DNA Barcoding of Fishes from Mizoram	DBT	5135000	Major
32	Dr.Lalramliana	Zoology	Molecular and Morphological characterization of Entomopathogenic Nematodes and screening of their potential as Biological control Agens in Mizoram, NE India	DST	3565000	Major

33	Dr. K Lalchhandama	Zoology	Chemical and pharmacological analyses of some indigenous phytomedicines used among the Mizo tribes of India	UGC	1446000	Major
34	Dr. C Malsawmtluangi*	Zoology	Status and molecular characterization of helminth parasites of freshwater fishes in Mizoram, NE India	DST	2160000	Major
35	Dr. Rita Zomuanpuui*	Zoology	Analysis of two genes associated with anti-malarial drug resistance and also target genes of developing vaccines in Mizoram, NE India	DST	2673000	Major
					28381370	

*= DST Women Scientist

** Have left the Institution

3.1.6 Give details of workshops/training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students

The college is involved in capacity building in terms of research by taking up several initiatives as follows:

- Hands-on-training, DNA Bar-coding was organized by the Department of Zoology during 14th -16th March 2013.
- Hands-on-training on DNA Isolation & Amplification, was held during 11th - 22nd August 2014 at the college.
- Hands-on-training on DNA Isolation and Amplification for faculty members of PUC was held from 15th – 30th September 2014 .
- Hands-on-training on DNA Isolation and Amplification for Higher Secondary Lecturers was held during 8th – 9th December 2014.
- Hands-on-training on DNA Isolation and Amplification for Research Scholars, MZU was held during 8th -9th October 2014.
- Two day workshop for college teachers on “Techniques in Biotechnology and Bioinformatics” was organized during August 2014 in collaboration with State Biotechnology Hub
- International Workshop on “Priorities and Challenges to Historical Research in Mizoram” was held in Seminar Hall, Life Science Building conducted by Department of History on 8th Nov 2011.
- A National Conference on Mathematical Sciences was organized by the Department of Mathematics, Pachhunga University College, Mizoram University in collaboration with Mizoram Mathematics Society (MMS) Sponsored By University Grant Commission (NERO) during 24th – 25th November 2011.
- Workshop on Statistical Methods with Applications at Department of Statistics, Pachhunga University College, (A Constituent College of Mizoram University), Aizawl during November 21-23, 2011 organized by Pachhunga University College & Indian Statistical Institute, Kolkata.

- One day State level seminar on IT Security Awareness was held on 5th May 2011 in collaboration with National Institute of Electronics and Information Technology (formerly DOEACC) Zuangtui, Aizawl.
- Science Education Campaign (in commemoration of International Year of Chemistry 2011) was held at Pachhunga University College Auditorium on 30th September 2011 in collaboration with Mizo Post Graduate Science Society, Aizawl Mizoram.
- National Workshop on Statistical Techniques for Decision Making (STDM) was organized by the Department of Statistics during 25th -26th October 2012.
- UGC – Sponsored National Conference on Statistics and its Application, 18-19th may 2012 Dept of Statistics
- Workshop on "Application of Remote Sensing, GIS and GPS In Geography and Allied Sciences" was organized by the Department of Geography in collaboration with Mizoram State Remote Sensing Agency & Geography Association of Mizoram at Seminar Hall, Life Science Building, Pachhunga University College during 20th - 22nd February 2012
- "Orientation for newly recruited teachers" organized by the IQAC was held in the Seminar Hall, Life Science Building on 20th July 2012
- National Science Day 2013 was observed at Pachhunga University College Seminar Hall on 18th February 2013. The theme for the Year 2013 is "Genetically Modified Crops and Food Security".
- Internal Monitoring & Research Sensitization Programme was held on 11th March, 2013 organized by Project & IT Committee.
- Orientation and Training Programme on "System Administration Operation and Instructor's Module" was held at the Language Lab., Dept. of English on 28 August 2014.
- Statistical and Computing Methods for Life-Science Data Analysis, organized by ISI, Kolkata and the Department of Environmental science, PUC during 9th – 16th February 2015.
- A national level workshop on "Data Mining and Business Analytics" National level was held during 2nd – 4th March 2015 at the college.
- State Level Workshop on C++ Language and Numerical Methods was held in the college between 16th – 20th February 2015.
- A state-level one-day workshop on Advances in Biotechnology was held on 6th March 2015 in the Kolasib College by the Department of Biotechnology, PUC.

Research Training Programmes:**Research Training Programmes organized by Institutional Biotechnology Hub, PUC**

Training of Students				
Sl No	Programme	Date	No of Participants	Level
1	Hands on Training on DNA Barcoding	14 th -16 th March 2013	22	Graduate
2	DNA Isolation and PCR amplification of COI from insects, amphibians and annelids for 6th Semester students, Department of Zoology, Pachhunga University College.	17 th - 22 nd Oct 2014	11	Graduate
3	Departmental Hands on Training on Molecular Techniques at Dept. of Zoology, Pachhunga University College	22 nd -23 rd May 2014	16	Graduate
4	DNA Extraction and Amplification, (M Pharm Students)	19 th - 20 th March 2015	4	M Pharm
5	Hands on training on Gel Electrophoresis	9 th Aug 2015	9	M Pharm
Training of Faculty Members				
Serial No.	Topic	Duration and Date	No. of participants	Level
1	A special Workshop for College Teachers "Techniques in Biotechnology & Bioinformatics" @Pachhunga University College	21 st -23 rd Aug 2013 College Faculty of 5 colleges	36	Faculty
2	DNA Isolation and PCR amplification for Faculties of Zoology Department, PUC	4 th -22 nd Aug 2014	2	Faculty
3	DNA Isolation and PCR amplification for Faculties of Botany Department, PUC	25 th Aug - 12 th Sept 2014	2	Faculty
4	DNA Isolation and PCR amplification for Faculties of Environmental Science Department, PUC and Research scholars of Environmental Science Department, Mizoram University	15 th - 26 th Sept 2014	5	Faculty
5	Training of HSS Lecturers, GHSS Zemabawk	2014	2	Lecturer
6	Training of HSS Lecturers, St Paul's HSS	2015	2	Lecturer

Research Project Completed				
1	Benjamin Lalruattluanga	Phylogenetic Analysis on Culex sp. in Mizoram	Completed	Msc
2	PB Lalthanpuii	A study on Molecular Phylogeny of fish Species in Mizoram	Completed	Msc
3	K. Vanlalmangaihi	A study of Molecular Phylogeny of Aedes mosquito species in Mizoram	Completed	Msc
4	Samuel Lalronunga	DNA barcoding of Amphibians and Reptiles (Sauria and Serpentes) of Aizawl District, Mizoram.	Completed	Msc
Outreach Orogramme and Exposure Programmes Conducted				
1	Biotech Hub Extension Programme @Govt. Zemabawk HSS, Aizawl, Mizoram	1day- 6 th Dec 2013	Class XII	32
2	Biotech Hub Extension Programme @Govt. Serchhip College, Serchhip District, Mizoram	1day- 28 th March 2014	Graduate Students	60
3	Biotechnology extension programme- Biology for students	13 th Jan 2015	Govt. High School, Ngopa; Mizoram	35
4	Biotechnology extension programme- Biology for students	13 th Jan 2015	LTM High School, Ngopa; Mizoram	37
5	Advances in Biotechnology and Demonstration of equipments	13 th Jan 2015	Zemabawk HSSI, Aizawl; Mizoram	41
6	Advances in Biotechnology and Demonstration of equipments	14 th Jan 2015	St. Joseph HSSS, Aizawl; Mizoram	36
7	Biotechnology extension programme- Advances in Biotechnology	27 th - 28 th Mar 2015	Kolasib College; Mizoram	25

Papers Published

1	Mosquito borne dengue: potential disruption to wildlife and the importance of molecular identification of the vector species. Proceedings of "Issues of wildlife conservation in India with special references to Mizoram" Mizoram, India ISBN: 978-81-924321-7-5 227-232
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2	DNA Barcoding for Wildlife Conservation: A preliminary investigation on cryptic fish species of Mizoram. Proceedings of “Issues of wildlife conservation in India with special references to Mizoram” Mizoram, India ISBN: 978-81-924321-7-5 216–221
3	Barcoding Culex mosquitoes: a potential vector of Japanese Encephalitis in Mizoram. Lal Ringngheti, Lalramliana and Vanramliana
4	A preliminary study on the helminth parasite of freshwater fishes in Mizoram, northeast India. C. Malsawmtluangi*, Lalramliana and Vanramliana

3.1.7 Prioritized Research Areas and the Expertise:

Several faculty members of the institution are engaged in research programmes. Given below is a list of areas that the institution has prioritized in research and the expertise available for supervising and guiding research.

SI No.	Name of Faculty	Department	Priority Area of Research
1	Dr.Lalbiaksangi Chongthu	English	Indian Writings in English
2	Dr. Rualzakhumi	English	Fiction
3	Henry Lalmawizuala	English	Poetry,American Studies Jazz Poetry
4	V.Lalmalsawmi	English	Plays, American Litterature
5	Dr.Rebecca Angom	English	Indian Writings in English
6	Jamie Zodinsangi Hrahsel	English	Folkloristic studies
7	Vanlalveni Pachuau	English	Popular culture studies.
8	Dr. Lalzama	Mizo	Essay/Language
9	Dr. Zoramdinthara	Mizo	Mizo Fiction/Novel/Drama
10	Dr. J.V.Hluna	History	History of USA,Church History in Mizoram
11	Dr. Rohmingmawii	History	History of Mizoram
12	Esther Laltlankimi	History	Modern Indian History
13	Dr. Lalrammawii	Political Science	Government & Politics, Electoral politics in Mizoram
14	Dr. L.H.Chhuanawma	Political Science	Western Political thought
15	Dr. Lalthakima	Political Science	Government and Politics of Mizoram, Govt. & Politics
16	Lallawmzuali	Political Science	Human Rights, International Relations
17	Dr. MZ.Khiangte	Economics	Labour Economics/Social Work
18	Dr. K.Laldailova	Economics	Econometrics/Transport Eco.

19	Dr. Lalthankungi	Education	Non-Formal & Adult Education
20	Lalchhuanmawii	Education	Educational Psychology, Issues and Trends in Indian Education
21	Dr. Vanlaltanpuia	Philosophy	Phenomenology, Metaphysics, Indian and Western Philosophy
22	M.S. Dawngliana	Philosophy	Religion, Metaphysics, Epistemology, Ethics and Western Philosophy.
23	Dr. R.Lalthangliana	Sociology	Social mobility, Political sociology
24	Dr.N.William Singh	Sociology	-Multicultural studies/civil society, sociology of education
25	Dr. Rinpari Ralte	Psychology	Clinical Psychology & Social Psychology
26	Dr. Saichampuii Sailo	Psychology	Organizational Behaviour & Social Psychology
27	Lalthantluangi Sailo	Psychology	Clinical Psychology
28	Lalropuii	Psychology	Clinical Psychology
29	Dr. David Zothansanga	Pub Admn	Police Administration
30	HC.Lalchhuanawma	Pub Admn	Fiscal Decentralisation
31	Lalropari Renthlei	Pub Admn	Environmental Admn.
32	Dr.T.Sadashivam	Pub Admn	E-Governance
33	HL.Lawmzuala	Geography	Geomorphology
34	Dr. R.Ramthara	Geography	Human Geography
35	Dr. Bobby Beingachhi	Geography	Human Geography
36	Ghanashyam Deka	Geography	Cartography
37	Dr. RKPG Singha	Commerce	Financial Account, Marketing, Entrepreneurship, Principles and practice of Insurance.
38	Vanlalthlana	Commerce	Taxation, Computer Application in Business
39	Dr. Lalhunthara	Commerce	Finance/Entrepreneurship
40	Dr.Chanambam Nalini Devi	Commerce	Management, Marketing, Business Environment, Entrepreneurship
41	Lalthanzuali Hauhna	Commerce	Marketing: Management, Banking, Human Resource Management.
42	Dr. Saitluanga	Geology	Seismology
43	Dr. H.Lawmkima	Geology	Landslide

44	Dr. Rahul Verma	Geology	Petrology & Geochemistry Structural Geology
45	Babul Bharali	Geology	Sedimentology, Geochemistry & Petroleum Geology
46	Dr.V.Vanhangliana	Geology	Petrology
47	Dr. Laldinpuia	Geology	Landslide
48	Dr. Anupam Kumar	Statistics	Sample survey
49	Dr.Arvind Pandey	Statistics	Mathematical Statistics, Survival Analysis, Bayesian and Computational Statistics.
50	Dr. Salam Shanti Kumar Singh	Statistics	Statistical Inference, Demography & Mathematical Statistics
51	Lalpawimawha	Statistics	Sample survey
52	Dr.H.S.Thapa	Botany	Systematic Botany
53	Dr. H.Lalruatsanga	Botany	Angiosperm embryology
54	Dr. Vanlalhruii Ralte	Botany	Angiosperm Taxonomy & Ecology
55	Dr.P.C.Vanlalhluna	Botany	Microbial- ecology/Agroforestry
56	Dr.Rajesh Kumar	Botany	Plant Biotechnology
57	Dr. Thanhmingliana	Chemistry	Inorganic Chemistry
58	Dr.C.Lalhriatpuia	Chemistry	Organic Chemistry
59	Jay Prakash Rajan	Chemistry	Organic Chemistry, catalysis
60	Dr.K.Vanlaldinpuia	Chemistry	Organic synthesis
61	Dr.Ch. Victory Devi	Chemistry	Physical Chemistry
62	Dr. Shiv Raj Gurung	Physics	Th.Nuclear Physics, Condensed matter physics
63	Lalhriatzuala	Physics	Semi conductor thin film
64	Dr. Y.Rangeela Devi	Physics	Nuclear Physics
65	Lalrinthara Pachuau	Physics	Gen.relativity, High energy physics
66	Dr. N.S. Singh	Physics	Electronics
67	Dr.Lalmuanpuia Vanchhawng	Physics	Nuclear Physics
68	Dibya Prakash Rai	Physics	Solid State Physics
69	Dr. K.Lalchhandama	Zoology	Parasitology, Medicinal Plants
70	Dr. H.Lalthanzara	Zoology	Genetics & Ecology
71	Dr. Lalramliana	Zoology	Endocrinology & Taxonomy and Biological Control

72	Dr. Vanramliana	Zoology	Entemology, Genetics and Molecular Taxonomy
73	Dr. K.Birla Singh	Zoology	Physiology
75	Dr. L.P.Lalduhawma	Mathematics	Mechanics Analysis
76	J.Lalvohbika	Mathematics	Differential Equation
77	Dr. Rajesh Kumar	Mathematics	Differential Geometry
78	Dr. Denghmingliani Zadeng	Mathematics	Numerical Methods
79	Dr. K.Khelchandra Singh	Environemntal Science	Environmental Analysis and Aquatic Ecology
80	Dr. Kulendra Chandra Das	Environemntal Science	Animal Biodiversity conservation
81	Dr.Lallawmkimi	Environemntal Science	Bio-Diversity
82	Dr.Hilda Lalrinpuii	Environemntal Science	Air Pollution Studies

3.1.8 Institutional Effort in Attracting Researchers to the Campus:

To promote research, the college makes efforts to be one of the research centers in Mizoram. The following activities reflect the system of attracting scholars to the College.

1. Faculty members are given freedom in their personal research activities. The institute allows researchers to work under the supervision of the faculty members.
2. The college provides room for research activities.
3. The college invites research scholars to train under Institutional Biotechnology Hub.
4. The Institutional Biotechnology Hub invites students who passed their Master Degree to train and work on their area of research interest for six months, sponsored by the State Biotechnology Hub, Mizoram University. Students are given a stipend of Rs. 5000 per month.
5. The college also invites research scholars to apply for available projects and work under the college.
6. The college is the only college in Mizoram to host DST sponsored Women Scientist.
7. Invitation of Scientist and Professors for delivering lectures and speeches.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

No faculty members have applied for sabbatical leave so far. However, some faculty members have availed the following leave for pursuing research work.

1. Study leave for PhD Course Work.
2. Study leave for PhD Studies
3. Leave for DBT International and National Associate ship
4. Leave for International overseas fellowship.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

1. The college organizes international, national, regional and state level seminars, workshops, etc. on relevant thrust areas for researchers to share their research findings with academic peers, experts, research scholars and students.
2. The faculty members present their findings in international, national and regional level seminars.
3. The college adopted Phulpui village to help the community.
4. Students visit research institutions, universities and industries within and outside the state to learn about and become aware of the activities within other institutes.
5. Faculty members publish research papers and books.
6. The college organizes exposure programmes for secondary school students.
7. The college organizes advocacy programmes for local NGO's.
8. The college publishes new findings in local daily newspapers. Eg.: New species discovered within the area.

3.2. RESOURCE MOBILIZATION FOR RESEARCH

3.2.1 What percentage of the total budget is earmarked for research?

Give details of major heads of expenditure, financial allocation and actual utilization.

The institution receives grants from various funding agencies for research activities. The institution has an internal funding system for research and development schemes:

1. **UGC:** The college, during the period of assessment, undertook 23 UGC sponsored research projects out of which 21 are minor research projects and 2 are major research projects.
2. **DBT:** The college has two major research projects under the Department of Biotechnology, Government of India.
3. **DST:** The college has four major research projects under the Department of Science and Technology, Government of India.
4. **DST (Women Scientist):** The college hosts two women scientists funded by the Department of Science and Technology, Government of India. In fact, these are the only two women scientists working at the institutional level within Mizoram.
5. **DBT STAR College Scheme:** The college is the only Star College within Mizoram under the Department of Biotechnology, Government of India. The college has received a total of Rs. 36.17 lakhs (Non-recurring - 20 lakhs & Recurring Rs. 16.17 lakhs). Star college scheme supports Botany, Chemistry, Physics & Zoology Departments.
6. **Institutional Biotechnology Hub:** The college is also supported by the Department of Biotechnology under the Institutional Biotechnology Hub for North East Scheme. This hub has been hosted by the Department of Zoology since 2012. A total of Rs. 42.62 lakhs has been sanctioned to the college.

7. **State Government:** The College also hosts a project “Zo Huan” sponsored by the Department of Horticulture and “Ichthyofauna of Dampa Tiger Reserve” sponsored by the Environment and Forest Department, Government of Mizoram.
8. **Private Sponsorship:** The college hosts a minor project sponsored by Zoram Educational Trust (ZET).
9. **College sponsored:** The college sponsored a minor research project for the Department of Botany to study the flora of the campus.

Summary of research projects with grants can be seen in the table below:

Sponsoring Agency	Total Sanctioned (Rs.)
UGC(Minor)	4647370
ZET (minor)	120000
DST(Major)	9829000
UGC (major)	1926000
DBT	11225000
GOM	704000
College	50000

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The College has an internal research funding system. There are three minor research projects sanctioned during the assessment period:

1. **Diversity of Freshwater Fishes in the rivers of Mizoram**
Rs. 50,000 was sanctioned in December 2010 and the research was completed in December 2011. The faculty members of the department of Zoology were involved in this project leading to the discovery of new species of fish in Mizoram.
2. **Cryptogamic Diversity of Pachhunga University College Campus:** Rs. 50,000 was sanctioned in 2014 and the project completed in 2015. The faculty members of the Department of Botany were involved in the project which was published in book form.
3. **DNA barcoding of Amphibians and Reptiles (Sauria and Serpentes) of Aizawl District, Mizoram:** Rs. 50,000 was sanctioned in December 2015 under the Institutional Biotechnology Hub. The project is ongoing.

3.2.3 What are the financial provisions made available to support student research projects by students?

Students’ research projects fund available within the institution:

- a. **Curriculum based:** Curriculum based projects are available in the departments of Education, Public Administration, Geography, Psychology, Geology, and Environmental Science.
- b. **Special course based:** Special courses like the UGC sponsored Certificate Course in Pisciculture and Certificate Course in Human Rights have a funding mechanism for students project.

- c. **STAR College Scheme:** Student projects are done in DBT STAR College supported departments like Botany, Zoology, Chemistry and Physics.
- d. **Institutional Biotechnology Hub:** The college's Institutional Biotechnology Hub has a students' project scheme for UG and PG students. The Institutional Biotechnology Hub, in collaboration with State Biotech Hub, Mizoram University conducted a "Student traineeship" programme for six months for which a stipend of Rs. 5000 p.m. was paid to the trainees. Five students availed traineeship under this scheme in the college.

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

The faculty members of various departments are involved in inter-disciplinary research via research projects, scientific collaboration and PhD co supervisor ship.

Inter Institutional Collaboration in Research			
Sl no	Title	Name of Faculty member from college	Collaboration
1	Evaluation of Etiologic Factors and Vitamin-D Receptor (VDR) start-codon FokI polymorphism Associated with High Prevalence of Urolithiasis in the Selected Urban Areas of Mizoram and Manipur DBT Twinning	Dr. K Birla Singh, Zoology	Professor Nongmaithem Rajmuhon Singh, Department of Chemistry, Manipur University, Canchipur.
2	Characterization and DNA Barcoding of fishes from Mizoram	Dr. Lalramliana, Zoology	Dr. Mahendra Singh, Department of Molecular Biology and Biotechnology, National Bureau of Fish Genetic Resources (NBFGR), Lucknow, UP
3	Analysis of two genes associated with anti-malarial drug resistance and also target genes of developing vaccines in Mizoram, NE India	Dr. Rita Zomuanpuui, Zoology Women Scientist.	Prof. N Senthil Kumar, Department of Biotechnology, Mizoram University
4	Phylogenetic Analysis on Culex sp. in Mizoram	Dr. Vanramliana & Benjamin Lalruatluanga, Zoology	Prof. N Senthil Kumar, Department of Biotechnology, Mizoram University
5	A study of Molecular Phylogeny of Aedes Mosquito Species in Mizoram	Dr. Vanramliana & K Vanlalhmangaihi, Zoology	Prof. N Senthil Kumar, Department of Biotechnology, Mizoram University

6	A study on Molecular Phylogeny of Fish Species in Mizoram	Dr. Lalramliana & PB Lalthanpuii	Prof. N Senthil Kumar, Department of Biotechnology, Mizoram University
7	Detailed database on Geology, structure, geomorphology, slope land use/cover and landslide causative factors between Aizawk Town and Lengpui Airport.	Dr. Rahul Verma, Geology	Prof. Shiva Kumar, Department of Geology, Mizoram University

College Inter Departmental Joint Research Project			
Sl	Title	Collaboration/ Departments	
1	Propagation and acclimatization of ethno botanically important plants of Mizoram.	Dr. H Lalthanzara, Zoology	Dr. H Lalruatsanga, Botany. Dr Vanlalhruii Ralte, Botany
2	Chemical and pharmacological analyses of some indigenous phytomedicines used among the Mizo tribes of India	Dr. K Lalchandama, Zoology	Dr. K Vanlaldinpuia, Chemistry
4	Evaluation of Trace Minerals (Zn, Cu, Mn, Fe, Cr, V and Se) concentrations in selected Ethno-Medicinal Plants of Mizoram	JP Rajan, Chemistry	Dr. K Birla Singh, Zoology

Joint Collaboration/Venture in Scientific Research

New species described	Journal	Publication Year	Foreign Collaboration	Indian Collaboration
<i>Exostoma sawmteai</i>	ICHTHYOLOGICAL EXPLORATION OF FRESHWATERS (IF-2.275)	2015	National University of Singapore	
<i>Psilorhynchus kaladanensis</i>	ZOOTAXA (Impact Factor -1.060)	2015		Department of Environmental Sciences, MZU
<i>Schistura mizoramensis</i>	ICHTHYOLOGICAL EXPLORATION OF FRESHWATERS (IF-2.275)	2014		Department of Environmental Sciences, MZU
<i>Schistura andrewi</i>	ZOOTAXA (Impact Factor -1.060)	2014	National University of Singapore	
<i>Eutropiichthys cetosus</i>	JOURNAL OF THREATENED TAXA	2014		Department of Environmental Sciences, MZU

<i>Psilorhynchus khopai</i>	ZOOTAXA (Impact Factor -1.060)	2014		Department of Environment & Forest, Government of Mizoram
<i>Pethia rutila</i>	ZOOTAXA (Impact Factor -1.060)	2014	National University of Singapore	
<i>Olyra saginata</i>	ZOOTAXA (Impact Factor -1.060)	2014		Department of Environmental Sciences, MZU
<i>Schistura maculosa</i>	ZOOTAXA (Impact Factor -1.060)	2013		Department of Environmental Sciences, MZU
<i>Garra dampensis</i>	JOURNAL OF THREATENED TAXA	2013	National University of Singapore	
<i>Glyptothorax radiolus</i>	ZOOTAXA (Impact Factor -1.060)	2013	National University of Singapore	
<i>Pseudolaguvia nubila</i>	ZOOTAXA (Impact Factor -1.060)	2012	National University of Singapore	
<i>Schistura aizawlensis</i>	ICHTHYOLOGICAL EXPLORATION OF FRESHWATERS (IF-2.275)	2012		Department of Environmental Sciences, MZU
<i>Glyptothorax scrobiculus</i>	ICHTHYOLOGICAL EXPLORATION OF FRESHWATERS (IF-2.275)	2012	National University of Singapore	
<i>Glyptothorax maceriatius</i>	ZOOTAXA (Impact Factor -1.060)	2011	National University of Singapore	
<i>Chordodes mizoramensis</i>	ZOOKEYS (Impact Factor-0.917)	2011	Zoological Museum, University Hamburg, Germany	
<i>Monopterus ichthyophoides</i>	ZOOTAXA (Impact Factor -1.060)	2011	Department of Zoology, Natural History Museum, Cromwell Road, London	Department of Zoology, Mizoram University

<i>Pseudolaguvia spicula</i>	ZOOTAXA (Impact Factor -1.060)	2010	National University of Singapore	
<i>Pseudolaguvia virgulata</i>	ZOOTAXA (Impact Factor -1.060)	2010	National University of Singapore	

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

The college procures equipment for departments mainly for classroom teaching. Sophisticated instruments and other equipments are purchased from funding agency through research projects and infrastructure creating projects. These equipments are accessible to all faculty members, research scholars and students. The college ensures:

1. Installation by qualified engineers before payment for the equipments supplied.
2. All Heads of Department are responsible for the safekeeping and maintenance of these equipments.
3. Project Committee organizes research monitoring and equipment verification, ensuring all equipments procured under projects are available and in working condition.
4. Students, research scholars and faculty members are trained to use sophisticated instruments. Access to these instruments is limited prior to training.
5. The college Research and Instrumentation Centre is accessible 24x7 and connected with 20 KVA UPSs to ensure continuity of research without interruption.
6. The college also provides energy backup with a 100 KVA generator when required.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

The college receives various funds for the development of research infrastructure. These are:

1. **STAR College Scheme:** The college has received a total of Rs. 36.17 Lakhs (non-recurring – Rs. 20 lakhs & recurring Rs. 16.17 lakhs). Star College Scheme supports Botany, Chemistry, Physics & Zoology Departments. Rs. 2 lakhs is available for each department to procure necessary equipment and teaching aids. The following infrastructure has been procured under the fund:
2. **Institutional Biotechnology Hub:** The college is also supported by the Department of Biotechnology under Institutional Biotechnology Hub for North East Scheme. The IBT Hub is hosted by the Department of Zoology since 2012. A total of Rs.42.62 lakhs has been sanctioned to the college.
3. **State Government:** The College also hosts a project “Zo Huan” sponsored by the Department of Horticulture and “Ichthyofauna of Dampa Tiger Reserve” sponsored by the Environment and Forest Department, Government of Mizoram.

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

The college promotes research amongst faculty members. IQAC and Project Committee provide relevant information regarding project applications and has aided in online applications for research projects. The college also organizes research monitoring and sensitization programmes amongst the faculty members. The college authorities forward relevant documents and aid in the application of research funds. The research funds have increased during the assessment period. There are 10 minor projects and one major project during the first assessment cycle, amounting to Rs. 44,23,500. At present, the number of research projects stands at 36 (12 major and 16 minor projects) amounting to Rs. 2,83,81,370 which is a significant progress. The college also hosts in-house Biotechnology Hub providing training to faculty members for their research activities.

3.3. RESEARCH FACILITIES

3.3.1 What are the research facilities available to the students and research scholars within the campus?

The college has a separate Research Instruments Centre and Institutional Biotechnology Hub through which equipments are made available for students, research scholars and faculty members.

Equipments available under the Research Instruments Centre are:

Equipments of PUC Research & Instrumentation Centre			
Sl No	Items	Model	Cost (INR)
1	BOD Incubator	RS-232/BOD-293	43500
2	Genie Gel DOC		310000
3	PCR	TC-5000	437000
4	Elisa Plate Roder/Bioline India		179500
5	Spectrophotometer, UV-visible (Thermo Scientific)	Evolution 201	430000
6	Visible Spectrophotometer	LT-39	50000
7	Centrifuge, Remi	RM-12CDX	54387
8	Luminar Air flow Cabinet		97000
9	Cold Centrifuge	Remi C24	80000
10	Soxhlet apparatus, Innovation Scientific Instruments	131-191	32850
11	UV-VIS Spectrophotometer	119	148480
12	Water Bath (Double Wall)	ACM-54001-Q	48900

13	Hot Air Oven, Swastika Elec. Scientific work		22888
14	Relitech BOD Incubator		82425
15	Biocraft Incubator	BEA-43	75000
16	Relitech Hot Air Oven	DX 908-UK	36553
17	Eco-Still, Distiller	Mark - 1500SDQ- UK	35000
18	KEL Plus	KES4L	31000
19	Flame photometer	CL-364	45000
20	WENSAR High precision Balance	PGB 200	17850
21	Labtronic Microprocessor pH meter	LT-49-UK	48720
22	Motic Dissecting Microscope	SMZ-168	114508
23	Olympus Microscope	SZX 10	550000
24	Unilab Microscope		25000
25	Motic Dissecting Microscope	SMZ-140	85000

The following equipments are available in the Institutional Biotechnology Hub:

Equipments of PUC Research & Instrumentation Centre			
SI No	Items	Model	Cost (INR)
1	Gradient PCR	Eppendorf	460000
2	Cooling Centrifuge	Eppendorf	470000
3	Online UPS (6kva)	Epoch	23500
4	Gel electrophoresis with power pack	Genei	29950
5	UV Transilluminator	Genei	26400
6	Microwave oven	Samsung	5290
7	Deep Freezer	Haier	18500
8	Micropipette	Eppendorf	73780
9	Autoclave	NSW	65000
10	Tube racks, Boxes, Mini Cooler,	Tarsons	21209
11	UPS Battery	Amaron	44144
12	PCR tubes, Microtips, etc.	Tarsons	19910
13	Micropipette	Genetix	10650
14	Laptop	Asus	33000
15	Digital camera	Canon	5000

The following equipments have been procured under major and minor research projects which are available with the departments:

SI.No	Equipments bought	Model	Cost
1	Soxhlet apparatus set (1 lit conical flask) with condenser	Cat. No. 431/9	30000
2	Heating mantle for 3000ml flask	Cat. No. 1196/7	3700
3	PCR Machine	Merck	437000
4	Gel Documentation	Merck	310000
5	Laminar Flow Unit	ISI	97000
6	Micropipettes	Biohit	53750
7	Gel Electrophoresis Unit with Power Pack	Merck	52000
8	Centrifuge	Merck	78700
9	Electronic Balance	Denver	88500
10	Digital Water Bath	ISI	48900
11	ELISA Reader	Bioindia	179500
12	Soxlet Apparatus	ISI	50370
13	Rotary Evaporator	ISI	25000
14	Ro Top Sieve Shaker (with Sieve Sets)	EQ-5D-II	40000
15	Magnetic Stirrer	10x10 cm	14490
16	Plain deciceator	250 mm diameter	2501
17	Hot Air Oven	95 Lit Cap	48800
18	PH meter		12500
19	Camera	Canon IXUS	14200
20	Digital SLR Camera with EFS 18-135 mm Zoom lens	Canon EOS 60D	176985
21	Video camera	Sony HDR PJ200	39000
22	GPS	Garmin e-Trex 30	26000
23	Infra Red Thermometer	HTC MT-4	7000
24	Digital Anenometer	MS6252B	5000
25	Digital Barometer	HTC AL 7010	4000
26	Binocular	Nikon Sportex EX 12x50	14450
27	High Precision Balance	Wensar PJ200	17850
28	pH Meter		5000
29	Soil Digging tools		4000
30	Weighing Balance	Braun	1500
31	LED driver (Ballast), 3W	Pyrotech	2000
32	UVc Lamp, Philips	GT12T5VH	12500
33	UVc Lamp, Philips, Poland	TUV 11W 4PSE.	15000
34	LED Driver, 12W, Hansung, Korea (2 Nos.)	Bestec. F2101	1600
35	Moulded Borosilicate circular disk. (100 Nos.),Korea		52000
36	Black Box, Photoreactor	Assemble	4000
37	Motorless magnetic stirrer	Model:4050	5720
38	5% VAT (Rs.4500)	Total (Rs.)	130605
39	Digital Camera	Sony RX-100	27990
40	Rain Gauge	Self- Recording	23780
41	Crackmeter with Portable Readout Unit	SIS-102/SIS-100	72569
42	Digital Tape Extensometer with accessories	SIS-400	75853
43	Portable GPS	Garmin GPS Etrex 30	17545
44	Brunton Compass	F- Boss 70M	8000
45	Survey pillars	-	21000

46	Stereomicroscope	Unilab	25000
47	Stereomicroscope	Olympus SZX-10	550000
48	Camera with macrolens	Nikkon DSLR D-70	101000
49	BOD incubator	Biocraft	75000
50	PCR/Thermal Cycler	ProFlex™ Invitrogen	517200
51	Trinocular Stereo Zoom Microscope	Motic , SMZ-168	114508
52	Qubit 2.0 Fluorometer	Invitrogen	192036
53	Micropipettes (5 nos)	Eppendorf	99710
54	Centrifuge (13000 rpm)	Eppendorf	149067
55	-20 deep freezer	Haier	24000
56	Vertical Autoclave	NSW	86100
57	Refrigerator – 15 litres	LG	19990
58	BOD Incubator (171 ltrs; 6.1 cu ft)	Relitech	82425
59	Trinocular Stereo Zoom Microscope	Motic , SMZ-140	85000
60	Transilluminator	Invitrogen	115000
61	Orbital shaker(with accessories)	Tarsons,Spinix 3060	68936
62	Digital magnetic stirrer with hot plate	Tarsons,Spinot-6040	21459
63	Magnetic stirrer(Motorless)	Tarsons 4050	5720
64	Digital PH meter	Eutech Bench-top 700	49675
65	Soxhlet extractor	Borosil(500ml)	14000

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- Construction of Research Instrumentation Centre (RIC)
- Purchase of equipments and furniture for RIC
- Reorganization of existing infrastructure creating rooms for research.
- Providing 100 mbps internet connection.
- Creating wi-fi hotspot for faculty members and research scholars
- Procuring journals and books
- Providing constant power supply with generator and UPS system.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments/facilities created during the last four years?

Yes, the college receives grants from agencies like DBT, DST, UGC and Government of Mizoram for development of research facilities. The list of equipment is listed in criteria 3.3.1.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus/other research laboratories?

The instruments at Research Instrumentation Centre and Institutional Biotechnology Hub are made available to other institutes and researchers with written permission from the Principal. These instruments are made available free

of cost. Internet facilities at Internet Resource Centre are also made available to students.

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

- The college library provides free access to books and journals for research activities.
- The college also has Internet Resource Centre for research activities.
- The college has Wi-fi at the Research Instrumentation Centre.

Details of INFLIBNET facilities available in the college:

- Faculty members are provided with username and a password and they can access e-journals/e-books.
- Internet and computers are provided in the library.

3.3.6 What are the collaborative researches facilities developed/ created by the research institutes in the college? For eg. Laboratories, library, instruments, computers, new technology etc.

Collaborative research activities and sharing of facility are available between State Biotechnology Hub and Institutional Biotechnology Hub.

3.4. Research Publications And Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of:

- Patents obtained and filed (process and product): Nil
- Original research contributing to product improvement: Nil
- Research studies or surveys benefiting the community or improving the services: Some significant contribution made by the faculty members and the research activities within the institute are:
 - The study of suicide and its prevention aims to prevent suicide by organizing talk show on public TV and newspapers.
 - The study of investment patterns within Aizawl city leads to the identification of the wrong investment done by investors in fraud and potential fraud companies. This leads to the awareness by the public in investments.
 - The study of border trade activities examines the potential of the border trade and the need of community awareness in such trades.
 - The study of medium-scale and small entrepreneurship educates the society about the potential of such businesses and the need for literate educated youth to make investments in this sector.
 - The college adopted Phulpui village. Apart from social work, an in-depth study and analysis of the village was done by each department and published in a book.
 - The study of fish diversity has led to the discovery of 18 new species of fish. This motivates the villagers to preserve their water bodies to prevent biodiversity loss.

- The study of landslides and their attributes provides a mitigation measure to the locality and State Disaster management for the future. It also provides immediate procedure to control such disasters.
- The study of mosquito diversity and their genetic composition (Bar-coding) leads to the correct identification and potential vectors of mosquito borne disease.
- The study of water quality leads to know-how about water quality and provides reliable data to the community.
- The study of medicinal plants and their uses leads to the conservation and know-how of plant uses.
- Research inputs contributing to new initiatives and social developments.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The college publishes an interdisciplinary research journal ‘Senhri’, whose editorial team includes faculty members from the college.

Editor : Dr Rohmingmawii
 Joint Editors : Dr Vanlalhruii Ralte and Dr.T. Sadashivam

Editorial Advisory Board:

- Sajal Nag Professor, Department of History, Assam University, Silchar.
 - H. K. Laldinpuii Fente Professor, Department of Psychology, Mizoram University, Aizawl.
 - Rumki Basu, Professor, Department of Political Science, Jamia Milia Islamia.
 - Salam Shanti Kumar Assistant Professor, Department of Statistics, Manipur University, Imphal.
 - S. K. Barik Professor, Department of Botany, NEHU, Shillong.
 - N. V. R. Jyoti Kumar Professor, Department of Commerce, Mizoram University, Aizawl.
 - James L. T. Thanga, Assistant Professor, Department of Economics, Mizoram University, Aizawl.
 - Dr. Vanramliana, Assistant Professor, Department of Zoology, Pachhunga University College, Aizawl.
 - Pradumn Kumar, Associate Professor, Department of Physics, Hindu College, University of Delhi.
- Patron: Tawnenga
 Principal, Pachhunga University College, Aizawl.

3.4.3 Give details of publications by the faculty and students:

Publications per faculty:

Department	Sl. No	Name	Number of publication (Book and journal)
Biotechnology	1	Dr. PC. Lalrinfela	1
	2	P.B.Lalthanpuui	1
Botany	1	Dr K.Sandhyarani Devi	3
	2	Dr. HS. Thapa	2
	3	Vanlalhruaii Ralte	6
	4	P. C Vanlalhluna	4
	5	Dr. H. Lalruatsanga	4
	6	Zothanmawia	2
	7	R.Kumar	5
Chemistry	1	Dr.Ch. Victory Devi	9
	2	Dr. R. Pathak	8
	3	Dr. Thanhmingliana	5
	4	Dr. C. Lalhriatpuia	5
	5	Dr. K. Vanlaldinpuia	3
Environmental Science	1	Dr K.Khelchandra Singh	8
	2	Dr Kulendra Chandra Das	21
	3	Dr. Lallawmkimi	5
	4	Dr. Hilda Lalrinpuui	2
Geology	1	Dr.Saitluanga	5
	2	Dr H.Lallawmkima	4
	3	Dr.Rahul Verma	9
	4	Mr.Bubul Bharali	2
	5	Dr. V. Vanthangliana	6
	6	Laldinpuia	8
Mathematics	1	L.Thangmawia	4
	2	Denghmingliani Zadeng	3
	3	Dr Rajesh Kumar	8
	4	L.P Lalduhawma	4
	5	J.Lalvohbika	3
Physics	1	Dr L.Robindro Singh	2
	2	Dr. Shivraj Gurung	4
	3	Y Rangeela Devi	3
	4	Lalhriatzuala	7
	5	Lalrinthara Pachuau	8
	6	Dr. N. Surajkumar Singh	4
	7	Dr. Dibya Prakash Rai	2
Statistics	1	Arvind Pandey	5
	2	Shalam Shanti Kumar	2
	3	Abhimanyu Singh Yadav	6
	4	Lalpawimawha	3

Zoology	1	Dr K.Lalchhandama	8
	2	Dr. Lalramliana	30
	3	Vanramliana	9
	4	Dr H.Lalthanzara	12
	5	Dr. K.B Singh	10
	6	Dr. Kaushalendra	1
Commerce	1	Vanlalhlana	2
	2	Dr.Lalhunthara	6
	3	Dr.R.K.P.G Singha	7
	5	Nalini Ch.Devi	5
Economics	1	Dr. Margaret Z. Khiangte:	1
	2	Lalthlamuana Ralte:	1
	3	R.Zothanmawia:	1
	4	Ms. Lalhmachhuani Sailo:	1
Education	1	Dr.Lalthankungi	1
	2	Susan Lalthanpuii:	1
	3	Lalrintluangi	1
	4	Lalchhuanmawii:	1
English	1	Dr Rualzakhumi Ralte	6
	2	Henry Lalmawizuala	2
	3	Dr Rebecca Angom	3
	4	Jamie Zodinsangi	2
	5	Vanlalveni Pachuau:	2
	6	V.Lalmalsawmi:	1
	7	Lalbiaksangi Chawngthu	1
Geography	1	Dr. Bobby Beingachhi	5
	2	Dr. R.Ramthara:	1
	3	Ghanashyam Deka	8
History	1	Prof. J.V.Hluna	11
	2	Lalrameng K. Gangte	2
	3	Dr. Rohmingmawii	8
	4	Esther Laltlankimi:	1
Mizo	1	Zoramdinthara	11
	2	H.Laldinmawia	7
	3	Dr Lalzama:	2
	4	Enid H.Lalrammuani	4
	5	Remlalhlamuanpuia	1
Philosophy	1	Lalsangkimi Sailo	3
	2	Vanlaltanpuia	3
	3	M.S.Dawngliana	2
Political Science	1	Lalchamliana	1
	2	Dr Lalrammawii	1
	3	Dr. L.H Chhuanawma	3
	4	Dr Lalthakima	3
	5	Lallawmzuali	2
Psychology	1	Dr. Rinpari Ralte	2
	2	Dr. Saichampuii Sailo	3

	3	Lalropuii	1
Public Administration	1	Dr. David Zothansanga	4
	2	H.C.Lalchhuanawma	3
	3	Dr T Sadashivam	18
	4	Lalropari Renthlei	1
Sociology	1	Lallungmuana	5
	2	Dr R Lalthangliana	2
	3	Lalbiakzuali Colney	2
	4	Dr N William Singh	11

Number of papers published by faculty members and students in peer reviewed journals (national / international) = 217

- National = 92

-International = 125

* **Monographs** : 0

* **Chapters in Books** : 104 Books, With INBN = 85

* **Books edited** : 15 Books, with ISBN = 13

* **Books with ISBN** with details of publishers : 27, With ISBN =12 (List enclosed in annexure)

* **Citation Index – range / average**

Total citations of publications (46 articles) : 135

Citation Range : 1 - 20

Average citations : 17.40

* **SNIP**

Total SNIP of Journals (33 Journals) : 28.424

Range : 0.13 to 1.905

* **SJR**

Total SJR (35 Journals) : 20.453

Range : 0.103 to 1.585

* **Impact Factor – range / average**

Total Impact Factors (57 Journals) : 113.209

Range : 0.012 to 5.37

Average Impact Factor of Journals : 1.986

* **h-index**

Total h-index of Journals (41 Jour.) : 2309.00

Range of h-index : 4 to 240

Average h-index of Journals : 56.31

Details of Seminar Proceedings Published from 2011 onwards:

1. UGC Sponsored National Seminar On "Emerging Trends in Biosciences and Future Prospects" (29th – 30th November 2011) organized by the Department of Zoology, Pachhunga University College, Aizawl, in collaboration with the Department of Zoology, Mizoram University, Aizawl.
2. A National Conference on Mathematical Sciences (24th – 25th November 2011) organized by the Department of Mathematics, Pachhunga University College, Mizoram University in collaboration with Mizoram Mathematics Society (MMS) sponsored by University Grant Commission (NERO).

3. UGC sponsored National Seminar - cum - Workshop on "Suicide: Causes & Prevention" (6th – 8th December 2011) organized by the Department of Psychology, Pachhunga University College, Aizawl, in collaboration with the Department of Psychology, Mizoram University, Aizawl.
4. International Seminar on "Aggression and its related issues", organized by the Department of Psychology on 19th April 2012.
5. National seminar on "Social Justice ,Development and Secularism: Philosophical Reflection on Contemporary National and Northeast Indian Scenario", organized by the Department of Philosophy ,Pachhunga University College on 29th - 30th November 2012.
6. National seminar on Recent Advances in Natural Products Research by the Department of Zoology & RIPANS, 29th November to 1st December 2012.
7. National Seminar on Green Chemistry for Greener Environment 26th – 27th November 2012, organized by the Department of Chemistry.
8. National level seminar on –"Orality and Folk Literature in the age of Print Culture: Contemporary Challenges and Prospects" hel during 29th – 31st October 2012, organized by the Department of History.
9. State level seminar on Damhauva, Patea, L.Biakliana & Kaphleia was held at Hlakungpui Mual, Khawbung, Champhai District on 18th October, 2012. This seminar was jointly organized by Hlakungpui Mual Committee and the Department of Mizo.
10. National Seminar on Mizo Language: Contemporary Challenges and Prospect was jointly organized by the Mizo Department, Pachhunga University College and Central Young Mizo Association on 18th – 19th July 2013 at Central YMA Hall with a financial support from Central Institute of Indian Languages, Ministry of Human Resources Development, Department of Higher Education Mysore.
11. National seminar on "Economic Development in Northeast India: Challenges and Opportunities", organized by the Department of Commerce and the Department of Economics departments on 21st – 22nd March 2013.
12. National seminar on "Globalization and Ethnic Identity", organized by the Department of English and the Department of Philosophy during 23rd - 24th May 2013.
13. National Conference on Bio-Resource Inventory and Emerging Conservation Strategies (BIOCON): 7th – 8th March 2013, organized by the Department of Environmental Sciences and the Department of Botany. This was sponsored by the Star College Scheme DBT & College Development Council, Mizoram University.
14. National Seminar on Issues and Trends of Wildlife Conservation in Northeast India was organized by the Department of Zoology during 24th – 26th April 2014, in the college.
15. National symposium on "Historical Aspects and Current Trends in Chemistry: Highlights and New Perspectives", held on 6th October 2014 at Pachhunga University College.
16. One-day state level workshop on "Suicide: Sensitization and Prevention among Media Professionals" was organized by Department of Psychology on 9th October 2014.
17. Seminar on "Current Trends of Biodiversity Research in Mizoram was organized in the College by the Department of Zoology in collaboration with the Department of Environmental Science, MZU on 20th – 21st March 2015.

Faculty writing articles in Local News Papers

1. Professor J.V. Hluna
2. Lalthlamana Ralte- Economics
3. Lalrinthara- Physics
4. Dr.Lh Chhuanawma- Political Science
5. Dr. Rohmingmawii - History
6. Dr. Lalhunthara- Commerce
7. Dr. Lalthakima- Political Science
8. Dr. Vanlalthlana- Commerce
9. H Laldinmawia- Mizo
10. Lalsangkimi Sailo- Philosophy
11. Dr. Vanlaltanpuia- Philosophy
12. Dr. Zoramdinthara- Mizo
13. Dr. K Lalchhandama- Zoology
14. Dr. H Lalthanzara, Zoology
15. Dr. Laldinpuia, Geology.
16. Dr. Saitluanga Sailo, Geology.
17. Dr. C Lalhriatpuia, Chemistry
18. Ms Lalrameng Gangte, History
19. Ms Esther Laltlankimi, History
20. Mr. H.C Lalchhuanawma, Public Administration
21. Enid H Lalrammuani, Mizo

The following faculty members have authored/edited books or chapters in books:
Books Published

1. Saichampuii Sailo and Rinpari Ralte (2014), *Suicide : A Multidisciplinary Approach*(Co ed), Mittal Publications, New Delhi ISBN-81-8324-505-6 (1-159)
2. Henry Lalmawizuala and V Lalmalsawmi (2014), *Globalization and Ethnic Identity* Pub: Scientific Book Centre, Guwahati, July 14 ISBN: 978-81-287-0004-0
3. Dr. L.H.Chhuanawma, Lalthakima and Lallawmzuali, (2015), *Government and Politics of Mizoram* (2015) Scientific Book Centre, Guwahati. ISBN: 978-81-287-0013-2 -Co author
4. J.V.Hluna (2011) *Church & Political Upheaval in Mizoram*, Tali & Associates, Taichung, Taiwan. Prof. J.V.Hluna (2011)
5. Prof. J.V.Hluna (2013) (ed.) *Selected Works of Dr John V Hluna*, Tali Associates Taichung, Taiwan.
6. Prof. J.V.Hluna (2013) (ed.) *History and Ethnic Identity Formation in N. E. India* Concept Publishing Company Pvt. Ltd. New Delhi, ISBN – 13:978-81-8069-970
7. Prof. J.V.Hluna (2012) *The Mizo Uprising: Assam Assembly Debate on the Mizo Movement 1966-1967*, Cambridge Scholars, UK. ISBN (10):1-4438-4042-4 (375)
8. Prof. J.V.Hluna & Lalhmingthanga (2013) *Problems of Peace Making in Mizoram* Concept Publishing Company Pvt. Ltd. New Delhi ISBN – 13:978-81-8069-962-7

9. Malsawmdawngliana, Lalrameng K. Gangte, Rohmingmawii (2015), *Orality and Folk Literature in the Age of Print culture: India's Northeast Experience* (ed.) Scientific Book Centre, Gauhati ISBN 978-81-287-0005-7 256 pp.
10. Malsawmdawngliana (Author), Rohmingmawii (2014) *Mizo Narratives: Accounts from Mizoram*(ed.), Scientific Book Centre, Gauhati, (ISBN 978-81-287-0003-3), 2013.276
11. Dr. Rohmingmawii and Malsawmdawngliana, (2014)(ed), *An Insight into Phulpui* Mizo Academy of Sciences (MIPOGRASS), Aizawl, ISBN 978-81-924321-8-2
12. Zoramdinthara, (2013) *Mizo Fiction: Emergence and Development*, Ruby Press and Company, ISBN: 978-93823-951-64, Delhi, 1-300
13. Vanlalveni Pachuau, (2015) *An Anthology of Songs from Popular Culture for Undergraduate Studies*, co ed ISBN: 978-81-930835-2-9; Pub: Lengchhawn Press, Aizawl.
14. Vanramliana, Lallawmkimi and Hilda Lalrinpuii (2015), *A Textbook of Environmental Science* (Book) Author Scientific Publishers "ISBN-10: 8128700073 ISBN-13: 978-8128700071".
15. H.S.Thapa, Lalruatsanga, Vanlalhruii, P.C.Vanlalhluna, Zothanmawi & R.Vanlalpeka (2014) "Cryptogamic Diversity of Pachhunga University College Campus" –Mizo Academy of Sciences (MAS) (2014) (Co-authored). ISBN 978-81-924321-9-9
16. K.Lalchhandama(2012), *A Brief History of Science*, Mualchin Publication, Aizawl, ISBN: 978-81-924321-0-6, 2012, (1-208)
17. L.Thangmawia & Shivraj Gurung(2015) *Introduction to Fortran 77*, ISBN/ISSN: 978-81-931027-0-1
18. L.Thangmawia & LP Duhawma (2014) *A Text Book of Algebra A Text Book of Algebra* Pachhunga University College, ISBN: 978-81-924321-1-3
19. L. Thangmawia & J Lalvohbika (2014) *Elementary Calculus* Pachhunga University College, ISBN: 978-81-924321-4-4
20. J Lalvohbika & Denghmingliani Zadeng (2015) *An Introduction to Differential Equation*. ISBN : 978-81-922770-2-8

Chapters in books

1. Dr. Rnpari Ralte, Dr. Saichampuii Sailo, Lalropuii (2014) *A study of the Attitude towards Traditional Parenthood and Adjustment among Adolescents of Phulpui: An Insight into Phulpui*. Published by Mizo Academy of Sciences, Aizawl. ISBN-978-81-924321-8-2 pp. 165-173
2. Dr. Saichampuii Sailo, (2014) *Depression and Suicide: The Protective functions of Social Support Suicide: A Multidisciplinary Approach*. Mittal Publications, New Delhi ISBN-81-8324-505-6 pp. 47-62
3. Lallungmuana, Lalbiakzuali, N William Singh, R. Lalthangliana, Saitlauangpuii Sailo and Lalmuankimi (2014) 194-200. "A Sociological Study of Phulpui Village with Special reference to Burial Customs" *An Insight into Phulpui*(Ed) Mizo Academy of Studies, Aizawl ISBN:978-81-924321-8-2, pp. 194-200
 - a. (2011) "Liangkhaia and Revival: His Role as an Evangelist, Revivalist, Pastor and Historian" *Unsung Tribal Pastor and Writer LTL* publication. pp. 144-149

- b. (2011) "Ka Chhipphir khua ve chu" Chhipphir PHC Golden Jubilee Souvenir, 2011 . pp. 120-124
- c. (2014) "Tuikhuahtlang hi" Tuikhuahtlang MHIP Silver Jubilee Souvenir, Oct-20
4. Dr N William Singh (2014) *Suicide: National Shame Suicide :A Multidisciplinary Approach* ISBN:818-3245056 pp. 79-96
- a. (2010) Chapter on Chinki: Is it a Racial Category or Vilification Tag "Exclusion & Discrimination: Concepts, Perspectives & challenges", Chinn Rao (Ed.) Kanishka Publication, New Delhi, 2010. ISBN: 9788184572247
5. Dr Rualzakhumi Ralte 2014 "Translation as Representation" *Orality and Folk Literature in the Age of Print Culture: India's North-east Experience* ISBN: 978-81-287-0005-7; Pub: Scientific Book Centre, Guwahati, pp.125- 142
6. Dr Rebecca Angom (2014) *Revisiting the Power and Status of Manipur's Women* Engaging Failed State: Political, Social and Economic Issues of Contemporary Manipur ISBN: 81-8324-491-2; Pub: Mittal Publications, New Delhi 259-274
- a. Kamala Markandaya's *Novels: Women-Centred perspectives & Postcolonial Issues*(2013) ISBN: 978-93-82120-58-2, pp. 1-196
7. Jamie Zodinsangi Hrahse: (2014) *Globalization and the Mizo Imagination: Reflections on Vanneitluanga's 'A Frog's Frock'* Globalization and Ethnic Identity ISBN: 978-81-287- 0004-0, Pub: Scientific Book Centre, Guwahati. pp. 203-209
8. Dr David Zothansanga (2011) "Consumer protection-Redressal Machinery with reference to Mizoram" *Consumer Awareness and Consumer protection. Dominant Publishers & Distributors (P) Ltd, Delhi 2011, ISBN:978-81-908492-5-8 pp.187-214.*
9. LH Chhuanawma, Lal lawmzuali, Lalropari Renthlei, Lalthakima, Lalchamlia, David Zothansanga, Lalrammawiii, HC Lalchhuanawma and T.Sadashivam (2014) "Phulpui Village: A Study of Its Administration" *An Insight into Phulpui* Mizo Academy of Studies, Aizawl ISBN 978-81-924321- 8-2, 2014. pp.102-128
10. H.C.Lalchhuanawma (2013) *Bureaucracy and administration Kristianna leh Zoram politics (Christianity and Mizoram Politics)* The Government Press, Aizawl, 2013 pp. 56-70
- a. (2014) *Mizo Women and Politics 'Hmeichhiate Kailawn'* Gilzone Offset, Aizawl, 2014 pp. 108-117
11. Dr T Sadashivam (2011) "E-Governance: From an Exclusive to Inclusive Society". P. Sigamani and N.U. Khan(ed.), *Reinventing Public Management and Development in Emerging Economies* Macmillan Publisher, ISBN:10:0230-33273=0 pp. 869-883
- a. (2013) "E-Governance: A Changing Role of Governance towards Good Governance" G. Gopal Reddy (ed.), *Good Governance and Politics: An Indian Perspective. Research India Press, Delhi. ISBN: 978-81-89131-55-5 pp.275-284*
- b. (2013) *Agrarian Economy in India-Challenges and Government Initiatives* Mangalam Publishers & Distributors, Delhi. ISBN: 978-93-82816-02-7

- c. (2015) “ Akshaya: A New Window of Opportunity to reduce Digital Divide” Rumki Basu., M. Badrul Alam and Furqan Ahmad (ed.), ‘Democracy and Good Governance: Reinventing the Public Service Delivery System in India’ Bloomsbury India, London, . ISBN:978-93-84898-76-2 pp. 226-281
 - d. (2015) “ Agriculture in India: From Boon to Distress” ‘Development Perspectives in North East India Micro and Macro Studies’ published by Laxi publishers, ISBN:978-93-82120-58-2pp.225-235.
12. Dr. L.H Chhuanawma 2011 “Look East Policy and Mizoram” Rap Dik: Remna Silver Jubilee
 13. Lalthakima (2014) MNF Movement in Mizoram “Accounts from Mizoram” Scientific Book Centre, Guwahati. ISBN 978- 81-287-0003- 3
 14. Dr.Lalthankungi, Susan Lalthanpuii, Lalrintluangi, Lalchhuanmawi(2014) “Educational System in Phulpui” An Insight into Phulpui. Mizo Academy of Sciences, Aizawl, ISBN 978-81-924321-8-2 129-149 Mizo Academy of Sciences, Aizawl, ISBN 978-81-924321-8-2 pp.129-149
 15. Lalsangkimi Sailo, M.S Dawngliana, Salam Shantikumar Singh & Zohmangaiha (2014) Social Conciousness in Phulpui Village ,An Insight into Phulpui (ed.) Mizo Academy of Studies, Aizawl ISBN 978-81- 924321-8- 2200pp.
 - a. (2011) "Hlemhletna (Corruption) leh Tlawmngai Pawlte" Research & Development Programme, AICS, Aizawl pp.100-118
 16. Dr. Bobby Beingachhi, HL Lawmzuala & R Ramthara (2014) Landslide and Associate Environmental problems: ‘A case study of Hlimen in Aizawl city’ Bioresources and Traditional Knowledge of Northeast India ISBN 987-81-924321-3-7 pp. 390-396
 17. Dr. R.Ramthara (2014) Changing Pattern of Agricultural Productivity in North East India : A Regional Interpretation Geographic Dept. Of Geography & RM, Mizoram University pp.37-44
 18. Rohmingmawii (2013) ‘Women’s Rights and Empowerment’ General Studies Textbook for Higher Secondary School, General Studies Textbook for Higher Secondary School, Mizoram Board of School Education, 2013 pp. 31-33
 - a. (2013) Human Rights (with special reference to Child’s right) General Studies Textbook for Higher Secondary School General Studies Textbook for Higher Secondary School, Mizoram Board of School Education, 2013. pp. 60-63
 19. Dr.Lalhunthara (2014) Entrepreneurship in MSMEs in NEI Development Perspectives in North East India "Lakshi Publishers & Distributors New, Delhi ISBN: 977-93-82120-40-7"
 - a. 2011 Growth and performance of small scale Industries in Mizoram
 20. Vanlalhlana (2014) Household Investment Behaviour : A study of awareness and preferences of household investors in Aizawl City Book - Development Perspectives in North East India: Micro and Macro Studies "Lakshi Publishers & Distributors New, Delhi ISBN: 977-93-82120-40-7"
 21. Dr. Nalini Ch. Devi(2015) Women Empowerment and Gender Budgeting Development Perspectives in North East India "Lakshi Publishers & Distributors(2015) ISBN-978-93-82120-40-7)"
 - a. (2014) Women Entrepreneurship In North East India: A critical Analysis Book- Engaging failed State:Political, Social &

- Economic Issues of Contemporary, Manipur "Mittal Publication, New Delhi,(2014) ISBN 81-8324-491-2" pp. 234- 244
- a. (2012) Rural development through small enterprises in Mizoram Decentralization and rural development in NEIAbhijeet publication, New Delhi, ISBN-987-93-81136-65-26
22. R.K.P.G. Singha (2013) Emerging status of women Contemporary Manipuri Society Contemporary Manipuri Society Akansha Publishing House, New Delhi, 2013 pp. 31-42
 - a. (2014) Identity, Politics and Development in North-East India Concept Publishing Company, New Delhi, 2014, ISBN:978-93-5125-0401 pp. 342-352
 - b. (2015) "Priority Sector Lending by Commercial Banks in Mizoram:A study" Financing Priority Sector in India : Scenario, Set back and Solution(2015) Maras Publishers and Distributors, Jaipur. pp. 73-84
 - c. (2015) A Study on Entrepreneurship in Tourism in Mizoram" Entrepreneurship and Economic Development(2015) Lakshi Publishers & Distributors, New, Delhi. ISBN 978-93- 82120-57-5.
 23. Zoramdinthara(2014) Hawilopari: A critical Analysis in Mizo Studies Mizo studies ISBN:978-81-8465-395-3
 - a. (2014) Orality to textuality:Mizo Folktales as a predecessor of Mizo Fiction Orality and Folk Literature in the age of Print Culture India's Northeast Experience ISBN:978-81- 287-0005-7. pp. 192-198
 - b. (2014) Thawnthu tawi (Short Story) Bute zirchianna, Sutpui pp. 220-227
 - c. (2014) Emergence of Patriotism in the life of Fanai chief Zakapa, Modern Trend of Women Leadership in Mizoram ISBN:978-93-80247-22-9 pp. 128-131
 - d. (2015) Oral to written: Mizo Folktales as precursor of Mizo Fiction Folklore and its relevance in North East India ISBN:978-93-83684-17-5 pp. 69-79
 - e. (2014) Lirerature Ziarang Sutpui Mizo Academy of Letters in commoration of Golden Jubilee of MAL, 2014. pp. 228-233
 - f. (2014) 'Literature thiltihtheihna' 48th Annual Magazine of Pachhunga University College Students Union pp. 153-156
 - g. (2014) 'Nationalism leh Mizo Literature (Rokunga Nationalism)' Unau kan ni'A souvenir of 6th Zofest 2014, MZP Head quarter pp. 88-109
 24. Vanlalveni Pachuau, H.Laldinmawia, Lalzama, HS Lalsangpuia, Esther Laltlankimi, Lalrameng K Gangte, Enid Lalrinmuani, Lalbiaksangi Chawngthu, Rualzakhumi, Rohmingthanga Ralte & Alexander Lalrinzama (2014) 'Historical and Literary Contribution of Phulpui Village' An Insight into Phulpui, ISBN No 978-81-924321-8-2
 25. Lalzama: (2011) "Gauhati ah Harhna" Gauhati Mizo Presbyterian Kohhran Diamond Jubilee Souvenir (2011) "Kristianna-in Mizorama hnuhma a neih dan" Kristian Tlangau Centenary Souvenir
 26. Margaret Z. Khiangte (2014) Development Perspectives in North East India : Micro Studies (Contributed Chapter) ISBN 978-93-82120-58-2
 27. Lalhunthara, Lalthlamuana Ralte, R Zothanmawia, Lalthanzuali Hauhna & R Vanlalhmachhuani (2014) Phulpui Village: A Survey of Socio-Economic, Economic, Occupation & Consumption Pattern' An Insight into Phulpui ISBN No 978-81-924321-8-2

28. Dr. Khelchandra Singh (2014) Vertical distribution of earthworm in Agroforestry system of Mizoram, India, *Biology and Ecology of Tropical Earthworms*. PS Chaudhuri and SM Singh(Ed) Discovery Publishing House, New Delhi. ISBN 93-5056-509-9, 2014 125-14
- a. (2012) Analysis of Growth forms of the macrophytes in Kharungpat Lake Manipur, North-east India *Biodiversity of Aquatic Resources*, Daya Publishing House, New Delhi, ISBN: 9788170357896, 2012 pp. 50-59
 - b. (2012) Phytosociological studies of the aquatic macrophytes in Poiroupat Lake, Manipur (North-east India) *Biodiversity of Aquatic Resources*, Daya Publishing House, New Delhi, ISBN: 9788170357896, 2012 pp. 60-74
29. Dr. Kulendra Chandra Das (2012) *Biodiversity - Inventorying and Monitoring A Text Book on DNA Barcoding* by Sankar Kumar Ghosh . Books Space, Kolkata, (2012) pp. 184
- a. (2012) Sampling and Vouchering (pp 51-70) *A Text Book on DNA Barcoding* edited by Sankar Kumar Ghosh, Books Space, Kolkata, (2012) pp. 184
 - b. (2015) Status and Problems of Human Development: A Comparative Assessment of Human Development Report of North East India, 'Development Perspectives in North East India, Micro and Macro Studies' Lakshi Publishers & Distributors, New Delhi, India, ISBN 978-93-82120-58-2, 2015. pp. 59-76
30. Saitluanga Landslides and Environmental Degradation in Hilly Terrains. Book Chapter Landslides and Environmental Degradation in Hilly Terrains. ISBN. No. 81085097-90-9
- a. Environmental Biodiversity and Traditional Systems. Book Chapter Environmental Biodiversity and Traditional System ISBN.No. 978-81-7622-307-2
 - b. Introduction to Science and Society. Book Chapter Introduction to Science and Society
 - c. Development Perspective in North East India; Micro and Macro Studies Book Chapter. Development Perspective in North East India; Micro and Macro Studies ISBN .No. 978-93-82120-58-2
 - d. Geology, Biodiversity & Natural Resources of Himalaya and their Intellectual Property Law. Book Chapter Geology, Biodiversity & Natural Resources of Himalaya and their Intellectual Property Law ISBN: 978-93-82171-40-9
31. Vanthangliana, Dr.Saitluanga, Dr.H.Lallawmkima, Rahul Verma, Bubul Bharali(2014) An Insight into Phulpui, Book Chapter An Insight into Phulpui ISBN: 978-81-924321-8-2
32. Lalramliana (2011) Diversity of Catfish (Teleostei: Siluriformes) in Rivers of Barak Drainage of Mizoram, Northeastern India *Advances in Environmental Chemistry*. Ed: Tiwari D, Excel India Publisher, Excel Printing Universe, New Delhi-110067 ISBN No.: 93-81361-53-3 pp. 297-300.
33. Hmar Lalthanzara, K Lalchhandama, Lalramliana, Vanramliana and K Birla Singh (2014) A survey of Animal Species in Phulpui Area. An Insight into Phulpui ISBN: 978-81-924321-8-2 pp. 79-85

34. Lalruatsanga, HS Thapa, Vanlalhruii Ralte, SR Devi (2014) A brief survey of Flora in Phulpui Village, An Insight into Phulpui ISBN: 978-81-924321-8-2 pp. 79-85

3.4.4 Research Awards:

- Dr. Lalramliana, Zoology, DBT National Associate-ship a 2014
- Dr. K Birla Singh Zoology, DBT International Associate-ship at Kings College, London 2015
- Dr. Khelchandra, Environmental Science, Chevening Scholarship Programme, Queen's Mary College, London, 2015.
- Dr. Vanlaltanpuia, Best Research paper at Annual International Conference on Philosophy: Yesterday, Today & Tomorrow (PYTT) 23 - 24 November 2015 Soi Chao Phraya Bangkok Thailand, Bangkok.
- Professor JV Hluna, President NE History Association.

3.5. CONSULTANCY

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

Mizoram lacks industries due to lack of good transport facilities. The college seeks provision for establishing interface with government and local businesses. The college has linkage with

- TT Royte agencies Northeast Consultancy Services in developing infrastructure at the college by constructing a women's hostel at the college.
- The college also has linkage with MULCO Ltd (Mizoram Multi-Commodity Producers Cooperative Union) in developing and catering healthy food at the campus.
- The college maintains a cordial relationship with the Environment and Forest Department for the conservation of forest within the campus.
- The college established a relationship with "Hnam chhantu" a local small scale traditional dress and handicraft company. The college aids in their product popularization during the college's Cultural Day.
- The college also has linkage with Department of Horticulture in
 - Developing "Zo huan"
 - Conducting a Diploma Course in Mushroom Cultivation.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The College advocates a Consultancy program. Publicity is done by the faculty members. Since the college is a constituent college of Mizoram University, it follows the policy of Mizoram University.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The college administration encourages the faculty members to take up consultancy services for corporate social responsibility. This is also evident from the adoption of a village where the college faculties contribute their knowledge to serve community services.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Sl. No.	Faculty/ Department	Service	Year	Revenue generated
1.	Dr. Laldinpuia	Infrastructure development at Saiha town	2013-15	50000
2.	Lalthantluangi Sailo	Stress management with Zo-United Football Club	2015	Good will
3.	Dept. of Mathematics	Student Database at Govt. Aizawl college, T Romana College, and Govt. Johnson College	2014-15	100000
4.	Dr. Vanramliana	Establishment of Laboratory for DBT Bliss Programme at St. Pauls HSS	2015	Good Will
5.	Dr. Vanramliana	Establishment of Laboratory for DBT Bliss Programme at Govt. Zemabawk HSS	2015	Good Will

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

10% of the income generated from the consultancy services is submitted to the college. The college utilizes this for college development.

3.6. EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the institution promote institution-neighbourhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?:

The college motto, '*Learning and Service*' is acted upon by the college fraternity, and the society has benefitted in many ways.

- a) The college started a Village Adoption Project and Phulpui village was selected for this purpose. All the departments undertook a study relevant to their subjects, with an aim to open up developmental opportunities for the village. The study undertaken by these departments is published in a book form, which will be beneficial to the village as well as to the academic community. The college ensures the participation of the students in community work, practice teaching and environmental consciousness. The college also addresses the problems of the farmers in preserving the soil fertility. The farmers face a problem of land degradation due to the use of commercial fertilizers. This problem was addressed by teaching the farmers the process of mulching. The project is a self-financed project, and each faculty member contributed money for the purpose. The college also donated computers and other articles which are of great use to Phulpui village. The college also published a book called "An insight to Phulpui".
- b) NSS: The college under the initiative of the NSS organized a number of blood donation camps, and it even received awards for the highest number of blood donors in 2011, 2012, 2013, 2014 and 2015. The NSS is also involved in various community services listed under criteria 5.3.1 (b) vii.

- c) The college Red Ribbon Club initiates HIV Aids awareness through posters and campaigns.
- d) The college, through various seminars and workshops, tries to address social needs and issues. The seminars and workshops on relevant topics such as suicide prevention, sensitization of media personnel on suicide, Look East Policy, nuclear disarmament, cultural and historical heritage and human rights have been helpful in addressing the needs of the society.
- e) The faculty members affiliate themselves to and take the lead in various academic bodies as well as non-governmental organizations like the Mizo Academy of Letters, Mizo History Association, Mizoram Science Society, Geography Association of Mizoram, Young Mizo Association, INTACH Mizoram Chapter, etc. and make huge impacts on the society. They have also been put as editors in the journals run by these organizations.
- f) **Goodwill services:** A philanthropic service has been rendered by both the faculty members and the students. In December of every year, students and faculty members of the Department of Economics contribute and give away money to poor and needy families. In December 16, 2013 an amount of Rs. 5600 and goods worth thousands of rupees were given to a poor family at Phunchawng village as a Christmas gift. The Department of Education organized a Social Work cum Student-Teacher Interaction Programme at Durtlang North (ICFAI Road) on 28th June 2013. Cleanliness work was undertaken at ICFAI Road, near Public Cemetary of Durtlang North in the morning. The afternoon was devoted to a student-teacher interaction in the form of guidance and counseling. This department also organized cleanliness work at Bethani Children's Home at Sairang, Sihhmui on 1st February, 2014. They helped in cleaning the compound, the children were given a bath, and the park-benches inside the compound were painted. Such kinds of social works are carried out at the convenience of the departments.
- g) The college also organized Ecological Conservation awareness programmes with residents of neighboring localities in collaboration with the Department of Environment and Forest, GOM.
- h) The college organized an extension programme through the Institutional Biotechnology Hub. Rural colleges, senior higher secondary schools and high schools benefited from such programmes.

Students Participation: The college ensures the participation of students in these activities by taking compulsory attendance. The attendance taken during the CCA (Co curricular activities) is integrated into the students' academic attendance for their final semester marks calculation.

3.6.2. What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

Students Participation: The college ensures the participation of students in these activities by taking compulsory attendance. The attendance taken at the CCA (Co curricular activities) is integrated into the student's academic attendance for their final semester marks calculation.

Through Clubs: The college has various clubs for students like Literature Club, Adventure Club, Cultural Club, Chess Club, NSS, NCC, Red Ribbon Club and Eco Club. Students participate in such clubs and attendance is taken by the respective leaders. [Such club activities are listed under criteria 5.3.1 (c)].

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The perception of performance and quality of the institution is gauged through IQAC, students, parents, alumni and University through formal and informal methods.

- * Students' feedback is obtained through 'Teachers' Evaluation by Student's and 'Institution's Evaluation by students'.
- * Analysis of results by the IQAC.
- * Alumni association monitors the college performances.
- * PTA meetings.
- * University annual report submission.

3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

The college organize its extension and outreach programme which is planned by the administration, head of departments and the student union leaders. The total expenditure of the programmes during the last five year are 37,92,248.00 (Thirty seven lakhs ninety two thousand two hundred and forty eight) Complete list of study tours etc with expenditure are listed in Criteria 2.3.8.

- a) General study tour conducted at the end of each academic year- to Delhi, Kolkatta and other places- College sponsored
- b) Departmental study tour based on syllabus
- c) Departmental tours based on requirements
- d) Exposure programme through certificate course
- e) Exposure programme and extension programme through Institutional biotechnology hub
- f) Exposure programme through DBT Star college scheme
- g) Exposure programme organized by students clubs- Cultural club, Adventure club, Literature clubs

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

- A. The college principal encourages the participation of students and faculty in these activities.
- B. Faculty in-charges are assigned for each NCC, NSS, clubs and other cocurricular programmes.
- C. Division of students into "houses".
- D. Inclusion of students' CCA attendance in the academic attendance.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

1. Adoption of Phulpui village.
2. Through Institutional Biotechnology Hub: Rural colleges, senior secondary schools and high schools benefited from the programme.

3. Institutional Biotechnology Hub also aided in the application and setting up of laboratory in urban poor area.
3. Through the NSS. Activities of the NSS are listed under Criteria 5.3.1 (b) vii.
4. Voluntary blood donation and emergency blood donation as per emergency requirements.
5. Through Evangelical Union: A student Christian organization call the Evangelical Union donates clothes, food and money to selected orphanages. They also perform social services in these places.

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The college through extension activities initiates students in community service and inculcates in them a sense of social commitment and responsibility.

The outcome of the activity is the empowerment of students in team work which enhances their self esteem and self confidence. The activity encourages the students to take up the teaching profession later as they feel that teachers play an important role in national development. This has also led them to join NGOs to render selfless service.

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

The college motto of "Learning and Service" can be achieved through social services. The college ensures the participation of the community through the community leaders.

1. The community leaders in the adopted village played a major role in the success of the Village Adoption Project. Activities planned by the college are executed through the initiatives of the village leaders.
2. The college also ensures the participation of local NGOs in the process.
3. The college, in collaboration with the Department of Environment and Forest, Government of Mizoram, organizes a community forest conservation awareness campaign involving all the nearby community leaders and NGO's.
4. The college also opens its infrastructure to visiting schools from the area.
5. The Principal organizes meetings with the local leaders, Local Council members, and NGO's for their input and suggestions.
6. Faculty members are encouraged to participate in TV talks. Many faculty members participate in local television talks.

3.6.9. Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The college has forged constructive relations with a number of local institutions enabling the conduct of outreach and extension activities.

1. Regional Institute of Paramedical and Nursing Sciences (RIPANS)
2. Govt. Zirtiri Residential Science College
3. GHSS Zemabawk
4. St. Paul's HSS
5. Mt. Carmen HSS
6. St. Joseph's HSS
7. Mizoram Forest Training Centre.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The college has received awards for the highest number of blood units donated in a given year in 2013-14 and 2014-15. The college has been the highest number of voluntary blood donation from 2008 till date.

3.7. COLLABORATIONS

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industries for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

The college promotes research within the institute. Some important collaborative linkages with research laboratories, institutes and industry are as follows:

The college has linkage with:

- Manipur University , Manipur in DBT Twinning project
- The National Bureau of Fish Genetic Resources (NBFGR), Lucknow, in DBT Twinning project
- Assam University, Silchar in National Associate-ship faculty training scheme
- Paul Hebert Centre For DNA Barcoding and Biodiversity Studies, Aungrabad in training faculties on DNA bar coding.
- Kings College, London- On DBT international Associate-ship faculty training.
- National University of Singapore- In describing new species of fish from Mizoram
- Zoological Museum, University Hamburg, Germany in describing new species of Nematode from Mizoram
- Department of Zoology, Natural History Museum, Cromwell Road, London- In describing a new species of fish from Mizoram
- Mizoram University- research collaboration includes full time PhD scholars working at Pachhunga University College. The college faculty members serve as Joint Supervisor.
- Institutional Biotechnology Hub also collaborates with State Biotechnology Hub in conducting studentship training and research projects. The hub is the first institute in Mizoram to successfully diagnose the presence of the Japanese encephalitis virus in Mizoram in collaboration with the Aizawl Hospital.

- Institutional Biotechnology Hub provides in-house training to faculty members as well as training to faculty members of other institutes. Research scholars from various institutes also undergo training at the Institutional Biotechnology Hub.
- Institutional Biotechnology Hub allows the Excise and Narcotics Department to use its facilities to test the quality of wine.

3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/ Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

Sl no	Institute MoUs/collaborative arrangements	Nature of collaboration
1	The National Bureau of Fish Genetic Resources (NBFGR), Lucknow	Research Project
2	Manipur University, Dept. of Chemistry	Research Project
3	Mizoram University, Biotechnology & Environmental Sciences)	Research Collaboration
4	Paul Hebert Centre For DNA Barcoding and Biodiversity Studies, Aurangabad in training faculties on DNA barcoding.	Research Collaboration
5	Assam University, Silchar, Department of Biotechnology	Research Collaboration
6	Regional Institute of Paramedical and Nursing Sciences, Aizawl	Research Collaboration
7	Industrial Training Institute	MOU for Community College Scheme
8	Horticulture training Centre, Aizawl	MOU for Community College Scheme
9	Dept. of Forest and Environment, GOM	Research Collaboration

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

- The Department of Psychology, in collaboration with Local TV channels, has created awareness on mental stress and suicide prevention.
- The Institutional Biotechnology Hub created by DBT through Biotech Consortium Limited has created a base for biotechnology research in Mizoram. This laboratory is used for training faculties, research scholars, UG Students, etc.

- The Department of Forest and Environment in collaboration with the local community has taken steps to conserve the largest forest within Aizawl City. This forest is utilized for practical purpose for college, senior secondary students and research studies.
- The collaboration of the college with local NGO PRISM (People Right to Information Movement) has led to the awareness of RTI and the fight against corruption.

3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years:

The college has organized 2 International and 23 national-level seminars/workshops/symposiums in the past 4 years.

International Level

SI NO.	NAME	DATE	
1	Priorities and Challenges to historical research in Mizoram	8 th November 2011	Prof Willem Van Schendel, University of Amsterdam
2	Aggression and its related issues	19 th April 2012	Dr. V. L. Thanzami, University of Central Lancashire, UK

National Level

1	Emerging Trends in Biosciences and Future Prospects	29 th – 30 th November 2011	Prof Madhusan Das, University of Calcutta, Prof Brataji Dee, University of Calcutta
2	A National Conference on Mathematical Sciences	24 th – 25 th November 2011	Dr. Suajit Barkotobey, Dibrugarh University, Prof. Prasanta Chatterjee, Calcutta University
3	Suicide: Causes & Prevention	6 th , 7 th & 8 th December 2011	Prof.L.N. Suman, National Institute of Mental Health and Neuroscience (NIMHANS) Bangalore
4	Statistical Methods with Applications	21 st – 23 rd November 2011	Professor Bikas Sinha, Indian Statistical Institute-Kolkata Professor Anoop Chaturvedi, University of Allahabad, Professor Abhijit Gupta, Indian Statistical Institute - Kolkata, Professor Prasun Das, Indian Statistical
5	India's look east policy: Implication for north east India with special reference to Mizoram	4 th November 2011	Ambassador Alope Sen, IFS

6	Social justice ,Development and secularism:Philosophical Reflection on Contemporary National and Northeast Indian Scenario	29 th – 30 th November 2012	Professor Sujata Mira, Indian Council of Philosophical Research. Xavier T Mao-NEHU
7	Administrative Effectiveness and E-Governance Initiatives	9 th October 2012	Mr. Deepak Goswami, SIO, NIC, Assam.
8	Statistical Techniques for Decision Making	25 th - 26 th October 2012	Prof Bikash Shinha ISI, Kolkata(Oct 2012)
9	Statistics and itsaplication	18 th - 19 th May 2012	Prof Bikash Shinha ISI, Kolkata(Oct 2012)
10	Recent Advances in Natural Products Research Products Research Dept. of Zoology & RIPANS	29 th November - 1 st December 2012	Dr. Pritish Chowdhury. Chief Scientist. NEIST, Prof. Jogen Chandra Kalita, Guwahati University, Madhu Mohon, BARC
11	Green chemistry for Greener Environment		Prof. Lambodar Thakur, Bhagalpur University. RK Sharma, University of Delhi. Dr.Snehasikta Swarnakar, IICB, Kolkata
12	Orality and Folk Literature in the age of Print Culture: Contemporary Challenges and Prospects	29 th -31 st October 2012	Sajal Nag, Dept. of History, Assam University.
13	Application of Remote Sensing, GIS and GPS In Geography and Allied Sciences	20 th - 22 nd February 2012	Dr. Dhrunajyoti Saharia, Prof. Bimal Kr Kar, Huwahati University
14	National Workshop on Group Theory(NWGT)	3 rd – 7 th December 2012	Prof. Dorendrajit Singh, Manipur University and Prof. P.K Patra, NEHU
15	Mizo Language : Contemporary Challenges and Prospect	18 th – 19 th July 2013	Prof. Kedutso Kapfo, Director, Central Institute of Indian Languages, Mysore,
16	Economic development in Northeast India: Challenges and Opportunities	21 st – 22 nd March 2013	Pranay Jyoti Goswami, Assam University Silchar, Sujit Sikidar, Guwahati University

17	Globalization and Ethnic Identity	23 rd – 24 th May 2013	a) Prof. Bernard Koloski, Professor Emeritus, Mansfield University, Pennsylvania, USA. b) Dr. T. K. Kharbamom, Faculty, English and Foreign Language University, Shillong Campus. c) Basil Pohlong, Assistant Professor, Department of Philosophy, NEHU, Shillong. d) Dr. Saji Varghese, Faculty, Department of English, Lady Keane College, Shillong. e) Dr. N.K Das, Former Deputy Director and Visiting Fellow, Anthropological Survey of India, Kolkata. f) Xavier Pfokehe Mao, Professor, Department of Philosophy, NEHU, Shillong
18	Bio-Resource Inventory and Emerging Conservation Strategies (BIOCON)]	7 th - 8 th March 2013	Prof. B Manihar Sharmam Manipur University.
19	Rethinking Social Change: Recent Trends and Emerging Perspectives	16 th – 17 th May 2013	Prof. A. Bimol Akoijam, JNU,
20	Issues and Trends of Wildlife Conservation in Northeast India	24 th – 26 th April 2014	Dr. P. Raghuvver IFS, AP Forest Academy, Andhra Pradesh, Dr TR Shankar Rahman, Nature Conservation Foundation, Karnataka, India 3) Dr. Firoz Ahmed, aaranyak, Guwahati Assam
21	Historical Aspects and Current Trends in Chemistry: Highlights and New Perspectives	6 th October 2014	Dr Asish Malhotra UCC Shillong. Dr. Lalthazual Roukum NIT Silchar
22	Statistical and Computing Methods for Life-Science Data Analysis	9 th – 16 th February 2015	Boby John Isi Bangalore, Ashok sarkar, ISI Mumbai
23	Workshop on Data Mining and Business Analytics 2nd-4th March, 2015, PUC ,National level.	2 nd – 4 th March 2015	Prof Bikash Shinha ISI, Kolkata (Oct 2012)
24	'Rethinking 'Frontier' and Construction of Identity in Northeast India'	27 th – 28 th February 2014	Prof. Imdad Hussain, NEHU, Prof. AC Sinha, ICSSR
25	Geology, Tectonics, Geo-Hazards And Natural Resources of North East India	3 rd – 4 th November 2014	Prof. CS Dubey, Delhihi University Prof. B.P Singh BHU

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -

Sl no	Institute MoUs/agreements	activities	beneficiaries
1	Horticulture Training Centre, Aizawl	Running Community College Scheme.	Local community and college
2	Department of Forest and Environment, GOM	Research Collaboration (Survey of animal species)	College and the Department
3	Department of Horticulture, GOM	Creation of "Zo huan"	Local community and college
4	Biotech Consortium India Limited (BCIL)	Creation of Biotechnology Laboratory	College and researchers
5	Govt. Zembawak HSS	Creation of Laboratory	School
6	St. Paul's HSS	Creation of Laboratory	School
7	Chakma Autonomous District Council	Infrastructure development at Saiha town	Community
8	Zo united football club	Stress management	Football club
9	Govt. Aizawl college, T Romana College, and Govt. Johnson College	Student Database	The colleges

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations

The college organizes activities in collaboration with these institutions as follows:

1. The college organizes seminars and invites Ministers of State, Members of Legislative Assembly, Govt. Secretaries, Directors to attend and speak on these seminars providing information to the stakeholders.
2. Media publication viz. discovery of new species in local newspaper for information and publicity for creation of awareness about the research activities of the college.
3. Visit of laboratories by dignitaries and scientists and dignitaries so that future linkage may be forged from their visit.

**CRITERION IV:
INFRASTRUCTURE AND LEARNING RESOURCES**

Recognizing the importance of an excellent learning environment, Pachhunga University College aims to provide the best possible infrastructure and learning resources for higher quality education.

4.1 PHYSICAL FACILITIES

The college is situated a couple of kilometers away from the hub of Aizawl town in a sprawling campus of 760 acres. Its lush-green vegetation and wide-open spaces with luxuriant natural vegetation provides an excellent atmosphere for learning. The campus consists of several buildings for Administration, Boys Hostels, Girls Hostels, Academic Blocks for Arts, Commerce, Life Science, Physical Science, an Auditorium, a General Science Block, a library and several quarters for faculty and non-teaching staff. The campus also houses Laboratories, Seminar Halls, Zoological museum, Conference Hall, canteens, and rooms allocated specially for IRC, NSS, NCC, Health Clinic, Examination Cell, IQAC, Placement Cell, Students Union, students recreation hall and Evangelical Union. Infrastructure for sports such as a football ground, a volleyball court, a basketball court, gymnasium and a multipurpose sports complex are available within the campus.

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The college improves its infrastructure facilities whenever possible. Since the college is more than 50 years old, many of its buildings are fairly aged. The college, therefore, adopted the policy of enhancing, refurnishing and supplementing the existing infrastructures while constantly adding newer ones to facilitate effective teaching and learning. The newly constructed buildings includes a Library building, a Physical Science Block, two new Arts Blocks, Research and Instrumentation Centre, Hostel buildings for boys and girls. The construction of a multipurpose sports complex is still ongoing. The college also added a Language Lab, Computer Lab, Biotech Hub, GIS Lab in both Geology and Geography departments and an Internet Resource Centre. A CCTV is installed in college buildings and campus. The college has intercom (EPABAX) system. The college also has hybrid energy supply through 6 KVA UPS (2 Nos), 2 KVA UPS (2 Nos), 20 KVA UPS, 100 KVA diesel engine generator and 10 KVA solar panels.

4.1.2 Facilities Available For

- a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

Class rooms: There are 38 class rooms sufficient to conduct all the courses in one shift of the day.

Technology enabled learning spaces: All classrooms are equipped with LCD/LED projectors. Electronic interactive boards are also available. There are six free wi-fi zones within the campus especially for the students, and each faculty rooms are wi-fi enabled. Wired internet is available in all buildings within the campus.

Seminar halls: The college currently has two fully equipped seminar halls with a seating capacity of 100 and 150. One Conference Room and a Teachers' Common Room are also available.

Tutorial spaces: The college provides special tutorial space which are conducted in class rooms, seminar halls and laboratories.

Laboratories: The college has well equipped laboratories in the following departments:

- 1) Physics (2 nos.)
- 2) Botany (2 nos.)
- 3) Zoology (2 nos.)
- 4) Chemistry (4 nos.)
- 5) Biotech (1 nos.)
- 6) Geology (1 nos.)
- 7) Environmental Science (1 nos.)
- 8) Mathematics (1 nos.)
- 9) Psychology (1 nos.)
- 10) Geography (2 nos.) and
- 11) English (Language Lab)

Botanical Garden: The College is the only college in Mizoram to possess a botanical garden named *PUC Zo huan*. At present *PUC Zo huan* has 271 different species of plants and wild flowers many of which are indigenous to Mizoram and Northeast India.

The college also has a green house there are small flower gardens inside the campus in various places.

The 760 acres of land owned by the college is filled with trees; name plates are fixed on some of the trees displaying their common names and botanical names.

Herbarium: The College's herbarium at the department of Botany has a wide collection of plant specimens.

Specialized facilities and equipment for teaching: The college provides wi-fi for students and wired internet connections, classrooms and laboratories are equipped with interactive boards and LCD/LED projectors. The college also has a fully functional language lab.

Research space: The college has a fully equipped Research and Instrumentation Centre. The campus itself serves as a field for botanical, geological and geographical research activities.

Zoological Museum: The college have a zoological museum, the first of its kind in the State of Mizoram. This museum holds a collection of museum specimens required for classroom teaching and research activities. The museum also contains holo-type and new species described from Mizoram.

b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Separate rooms are allocated for NSS, NCC, Red Ribbon Club, Evangelical Union and Students' Union.

Sports:

Indoor Infrastructure:

- a) **The Auditorium** in the college with a single badminton court.
- b) **A multipurpose sports complex** is also under construction which will house two badminton courts and a facility for various indoor sports items such as table tennis.
- c) **Gymnasium**

Outdoor Infrastructure:

- a) **Playground:** The college has a fully fledged playground with pavilions which can host outdoor sports items such as football, cricket, hockey, football *etc.*. The pavilion have a seating capacity of more than 3000 persons.
- b) **Volleyball court** (Outdoor) and
- c) **Basketball court** (Outdoor)

Hall:

Many events are organized in the auditorium such as graduation dinner, cultural items, public speaking, special talks, skill development programs, seminars and conferences. There is also an open air stage/pavilion which can accommodate more than 1000 people.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

The college ensures smooth transition from annual system to semester system. Some of the changes made during the assessment periods are:

- a) **Renovation:** Renovation and re arranging the classroom to meet the requirements of semester system. In semester system the college requires large rooms to accommodate more students.
- b) **Relocation of faculty room:** Faculty rooms are relocated next to the core classroom (5th and 6th semester). This re-arrangement enables good faculty-students interaction for consultation and counseling.

- c) **Creation of platforms in classroom:** Platform system are created in large classrooms to enable good academic transaction.
- d) **Sound system/PA system:** sound system are introduced in classrooms for better audibility. A general classroom requires a good audibility.

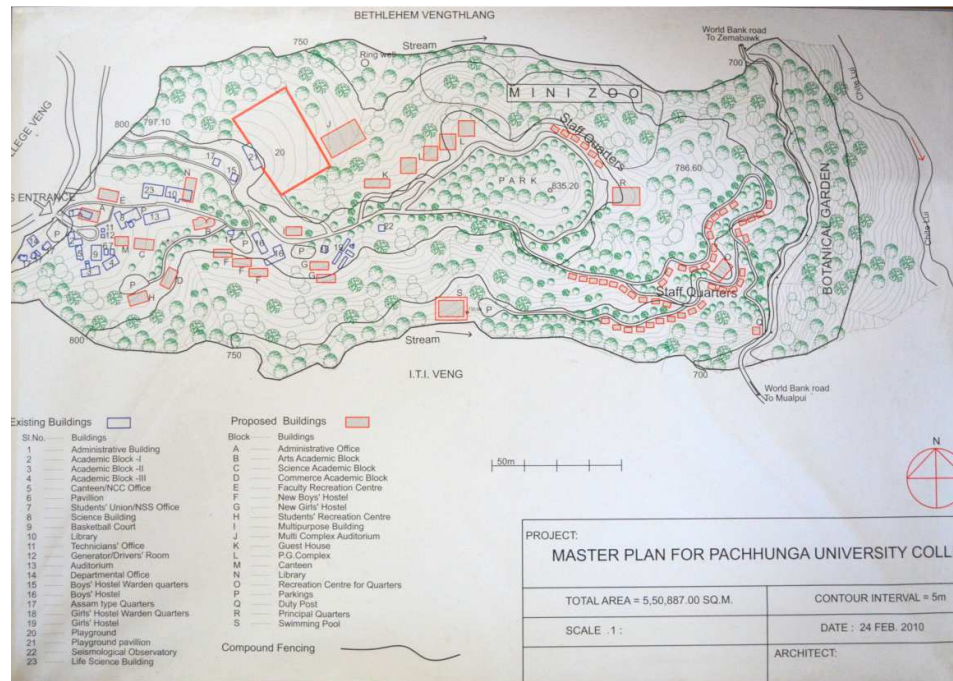
The following infrastructure is made available to further enhance academic growth:

Year	Language Lab	LCD/LED Projectors	Computers / Laptops	Laboratory Equipments
2010-11	-	1,74,140.00	5,00,700.00	2,20,481.00
2011-12	-	12,17,935.00	5,49,000.00	1,36,918.00
2012-13	-	2,92,178.00	3,43,515.00	14,63,460.00
2013-14	-	7,23,017.00	10,29,653.00	30,71,716.00
2014-15	5,50,000.00	2,49,400.00	15,08,095.00	16,78,948.00

	Year	Amount in Rs.
1. Teachers' Room	2013-2014	205,70,000.00
2. Jubilee Hall	2013-2014	28,27,416.00
3. Language Lab	2014-2015	5,50,000.00
4. Internet network	2013-2015	5,20,000.00
5. Library building	2013-2014	280,00,000.00
6. Multi Complex Auditorium	2013-2014	256,73,000.00
7. Computers/Laptops	2010-2015	102,41,113.00
8. Physical Science Block	2013-2014	22,19,609.00
9. Research & Instrumentation Centre	2014-2015	14,00,000.00
10. New Boys Hostel	2013-2014	37,69,286.00
11. New Girls Hostel	2014-2015	333,14,150.00
12. Boundary Fencing	2011-2012	6,00,000.00
13. Sports Infrastructure	2011-2012	40,00,000.00

The college constructed water tank for rain water harvesting which will be able to contain 2.4 lakhs litres of water amounting to 17 Lakhs INR.

Master Plan of the campus indicating the existing physical infrastructure and the future planned expansions:



4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The institution facilitates the requirements of PWD students. Newly constructed buildings such as Academic Block for Arts, Physical Science Block and Library buildings are provided with ramps for physically challenged students. Special provisions are also made for physically challenged students in examination hall. Proposal for the implementation of ramp in all the buildings have been submitted to the State government.

4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility:** The college has a separate hostel for boys and girls. The two boys' hostels can accommodate 145 students and the two girls' hostels can accommodate 186 students.
- **Recreational facilities, gymnasium, etc.:** The college have the following recreation facilities:
 - Students recreational centre
 - Students outdoor shed
 - Auditorium
 - Students park
 - Students corners with benches
 - Gymnasium.
 - Rooms for student bodies.

- **Facilities for medical emergencies:** The college has a Health Clinic with a doctor and a nurse who sit on Mondays, Wednesdays and Fridays. The clinic is equipped to meet the need of medical emergencies with first-aid kits.
- **Library facility in the hostels:** Both boys and girls hostels have separate library.
- **Computer facility including access to internet in hostel:** Yes
- **Internet and Wi-Fi facility:** Available
- **Recreational facility-common room with audio-visual equipments:** Students recreation hall in equipped with television.
- **Constant supply of safe drinking water:** Safe drinking water is provided through water cooler and filters in the staff rooms and academic blocks.
- **Security:** The College have a permanent security inspector. The campus is properly fenced, and security personnel are on duty 24x7. CCTV's are also installed to ensure security.
- **Available residential facility for the staff and occupancy:** The college has four quarters for teaching staff and another four for non-teaching staff. A new Principal's quarter is also to be constructed soon. A proposal for construction of staff quarter type C and D are now proposed to the Ministry of DoNER, Govt. of India

4.1.5 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The college has a Health Clinic which is manned by regular doctor and two medical staff. Health clinic in opened twice a week, i.e. Tuesday and Friday. Common medicines are made available for staff and students free of cost. Off campus consultation can also be done at the university. The college has pool vehicle for medical emergencies. Apart from that, there are hospitals which are not very far from the college.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

The institution has provided ample space and facilities for the functioning of its various cells like IQAC, Career Guidance and Counseling Cell, Examination Cell, Placement Cell, Health Clinic, Students' Common Room, Students' Union Office, Evangelical Union Room, NSS and NCC (boys and girls).

A good number of water filter and cooler is available for students within the campus to ensure supply of safe drinking water. The college also provides filtered drinking water to all department staff rooms and the administration office.

The open air stage that can cater to more than 1000 people, and the two seminar halls fully equipped with PA system, mounted projector and chairs are available for common use. The multipurpose sports complex which is estimated to have a seating capacity of more than 1200 people is currently under construction.

The college hosts and conducts different placement and entrance exams such as Subsidiary Intelligence Bureau (SIB) exams, All India Pre-Medical/Pre-Dental Entrance Test, various exams under Mizoram Public Service Commission, recruitment of non-teaching staff under Mizoram University, CBSE-National Eligibility Test, and an entrance exam to the University of Hyderabad. The college also organizes Campus interviews.

4.2 LIBRARY AS A LEARNING RESOURCE

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

The College has a fully functioning advisory committee as follows;

Chairman : Dr. Tawnenga
 Vice Chairman : Dr. H.S.Thapa
 Secretary : Dr. Lalthanmawii, Asst. Librarian

Committee Members :

- 1) Susan Lalthanpuii,
- 2) Dr. Ragvindu Pathak
- 3) Emily F Lalnunpuii,
- 4) Dr. Rajesh Kumar,
- 5) Dr.T.Sadashivam,
- 6) Salam Shanti Kr.Singh
- 7) Kausalendra, A/R,
- 8) Jacinta Thuami,
- 9) Chawngthankima

Initiatives to Render the Library, Student Friendly:

1. Open access to books
2. Automated library services
3. Reprographic services
4. OPAC (Open Public Access Catalogue)
5. Newspaper clippings
6. N-List, INFLIBNET
7. UGC Career Guidance library
8. Departmental library

4.2.2 Provide details of the following:

- **Total area of the library:** 390.73 sq. m.
- **Total seating capacity:** 320 -300 students & 20 in faculty reading room.

Working hours: The library is made accessible on all working days including vacation from 9:00 a.m. to 5:00 p.m. Students can borrow books from the main library as well as from departmental libraries. Reference facilities are also available for out-of-campus scholars, researchers and academicians.

Main Library:

1. Basement:
 - (a) Bound Journals (Back Volumes)
 - (b) Weed out old books
 - (c) Toilet for students
2. Ground floor:
 - a) Circulation section
 - b) Reprographic section
 - c) Technical section
 - d) Computer room (Data entry room)
 - e) Science section
 - f) Faculty reading room
 - g) 3 client computer for accessing OPAC
 - h) Reading hall for students
 - i) Old question bank
3. First Floor
 - a) Periodical section
 - b) Reference section
 - c) Arts section
 - d) General section
 - e) Reading hall
 - f) Old question bank
 - g) Magazine and newspaper stand

Layout of Library: Refer to **Annexure VII**, pp 267.

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

An annual budget for purchase of books and subscription of journals for each department is prepared, and books are purchased on the basis of the book list prepared by the departments.

Library-user Orientation Programme is organized every year for the newly admitted students to enable them to get maximum benefits from the different facilities available in the library.

Wi-fi connectivity is also provided to the students within the library. Bulletin Boards are made available outside the library to provide information on the newly acquired titles.

Total number of books in Library : 51535
Number of titles of magazines subscribed : 14
Number of titles of Journals subscribed : 40

	New Books purchased		Journals		Magazines	
	No.	\`	No.	\`	No.	\`
2010-11	-	-	-	-	-	-
2011-12	73	75,966.00	4	2,400.00	20	25,200.00
2012-13	1091	8,90,384.00	4	2,400.00	21	25,920.00
2013-14	2770	1,52,442.00	4	2,400.00	10	12,600.00
2014-15	1325	13,21,999.00	10	33,263.00	14	13,000.00

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- **OPAC:** Yes
- **Electronic Resource Management package for e-journals:** N-List (INFLIBNET)
- **Federated searching tools to search articles in multiple databases:** Yes
- **Library Website:** Library Information and OPAC is provided on College Website
- **In-house/remote access to e-publications:** Wi-Fi internet and provision of hyper link to different free online journals.
- **Library automation:** Yes
- **Total number of computers for public access:** 03
- **Total numbers of printers for public access:** 01
- **Internet band width/speed:** 100 kbps
- **Institutional Repository:** No
- **Content management system for e-learning:** NO

4.2.5 Provide details on the following items:

- **Average number of walk-ins:** 119
- **Average number of books issued/returned:** 51
- **Ratio of library books to students enrolled:** 24603/2013
- **Average number of books added during last three years:** 4734
- **Number of information literacy trainings organized:** Orientation for students (2 weeks).
- **Details of “weeding out” of books and other materials:** Weeding out of the books 2013-15 (1432).

4.2.6 Give details of the specialized services provided by the library

- **Reference:** A Reference section is provided with number of books
- **Reprography:** The library has photocopier services.
- **Information deployment and notification:** The Librarian sends information to the departments when books from their list are supplied. Photocopy of index page and latest journals are also made available by the librarian to the respective departments. Books as ‘New Arrivals’ and Journals as ‘Newly Subscribed’ are displayed in a library bulletin board.
- **Reading list/Bibliography compilation:** Provided to the faculty.
- **In-house/remote access to e-resources:** Provided *via* wi-fi facility on the campus.
- **User Orientation and awareness:** Provided at the time of Orientation Programme for new entrants.
- **Assistance in searching Databases:** Provided by library staff and OPAC.
- **INFLIBNET/IUC facilities:** N-List.
- **Question databank: Computer and Internet**

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

The college library staff used to conduct library-user orientation program for the new users at the beginning of the session. The library staff provide services like issue and receive of books in the circulation section, help in getting required information and books, reprographic facilities and displaying necessary information in the library bulletin board. Recalls of books are done from time to time. Bay guides are provided for easy searching and fixed position is allocated for each book. Library staffs are also involved in voluntary frequent cleanup programme.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Ramp is provided for easy movement of wheelchair to the different floors of the Library.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes, suggestion box is made available so that any users can express their feedback.

4.3. IT INFRASTRUCTURE

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

Number of computers with configuration - 160

Configuration	Number of Machines
i3 with 2 GB RAM and 500 GB HDD	82
Core 2 Duo with 1 GB RAM and 250 GB HDD	42
Core 2 Duo with 2 GB RAM and 160 GB HDD	21
Dual Core with 2 GB RAM and 500 GB HDD	15

All the machines have a TFT/LCD/CRT monitor with a keyboard and a mouse.

Computer student ratio: 1:16

Stand alone facility: thirteen machines

LAN facility: 100 machines are connected to a 100 Mbps LAN

Wi-Fi facility: - The college campus is Wi-Fi enabled with 100 mbps high speed internet leased line from NIC. Wi-Fi hotspots are created in five places for students and each department faculty rooms are Wi-Fi enabled including the Administration Block.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Each department in the college is equipped with a desktop computer, a laptop and internet connectivity. Faculty members and students can access the internet from anywhere within the campus. The departments are provided with a Wi-Fi connection; and there are five Wi-Fi hotspots within the campus with 100 mbps high speed internet leased line from NIC which facilitates internet access to the students within the campus. The Internet Resource Centre (IRC) of the college funded by the UGC housed twenty computers which are utilized by the students for procuring information, printing and downloading materials. All the students have access to the IRC in their free time. The IRC also conducts Orientation Course for students on how to use the computer and the internet.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The future plans of the college regarding IT infrastructure are:

- Inter connectivity with Mizoram University Server has been initiated for E-Governance plan.
- Providing internet connectivity to boys and girls hostel has been initiated in collaboration with Reliance communications.
- Providing databank of old question papers has been initiated and ongoing.
- Up gradation of Website and server to enable online admission system and online payment of admission fees.
- Imparting IT knowledge to students.
- Connectivity with State bioinformatics centre for data sharing and online journal subscription through DBT DeLCON network.
- To make laptop/notebook/note pad available to all faculties.

Upgrading of IT infrastructure is carried out as and when required. Software and hardware are updated every now and then to keep up with the new technological advancement and plans are also made to replace and upgrade old and outdated machines with new ones. The IT and website committee plays an important role in the up gradation of the IT and web based facilities.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Year	Procurement/ Up-gradation/Accessories	Maintenance
2010-11	5,00,700.00	88,164.00
2011-12	5,49,000.00	1,28,115.00
2012-13	3,43,515.00	1,33,562.00
2013-14	10,29,653.00	63,316.00
2014-15	15,08,095.00	1,94,914.00

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

All classrooms are equipped with LCD/LED projectors to enhance teaching-learning process. In order to utilize the new technological advancements effectively to enhance teaching-learning experiences in the classroom, faculty members are encouraged to use PowerPoint presentation and videos. Senior faculty members are given Hands-on Training on how to make use of laptops and projectors. Students are also persuaded to make use of the ICT facilities to a large extent in presentation of their project works, assignments and class seminars.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

All classrooms are equipped with LCD/LED projectors. Faculty members utilized the ICT facilities to the optimum in their classrooms thus enhancing the learning/teaching process. Tutorials, videos and online interactions are used both by the students and the teachers that makes the class more interactive and technology-oriented.

The college has upgraded computer laboratories with LAN and all departments are connected with LAN. Students and teachers have access to unlimited internet facilities and connectivity. The students' assignments are sometimes submitted through emails. Each department has their own department sites linked to the main college website where study materials and PowerPoint presentations prepared by the teachers are uploaded for easy reference for the students.

Teachers and students are given training on various courses such as DTP, internet courses and PowerPoint preparation at the Internet Resource Centre (IRC).

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

The college enjoys UGC INFLIBNET/NLIST facility thus availing access to e-books and e-journals which are accessed directly (Please refer to 4.2.4). The college also runs IGNOU course.

4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

The institute ensures optimum allocation of financial resources and its utilization for the maintenance of infrastructure and facilities. It received grants from DBT, DST, UGC Development Grants and UGC additional grants which are utilized for the purpose assigned to it. Non-salary grants provided by the university are used for procurement and repair of campus infrastructure, furniture and equipments, etc. and maintenance of other facilities. The college also realized resources from fees of self-financed courses and faculty contribution which are utilized for extension activities like study tour, industrial visit, etc.

Year	Building	Furniture	Equipment	Computers
2010-11	4,37,531.00	6,84,367.00	9,500.00	5,00,700.00
2011-12	4,10,310.00	8,45,275.00	14,811.00	5,49,000.00
2012-13	3,17,738.00	4,89,810.00	-	3,43,515.00
2013-14	21,45,881.00	11,40,961.00	-	10,29,653.00
2014-15	28,61,746.00	22,92,897.00	29,553.00	15,08,095.00

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The college adopts a proper system to maintain and repair its infrastructure, facilities and equipments. The college buildings are repainted as and when required. Furniture including benches, chairs, lecterns and boards are repaired and replaced if and when necessary. It has adequate number of support staff to carry out various maintenance works including plumbing, electrical repairs, carpentry works, computer system, campus beautification, etc. In addition, the college also maintains and ensures the safety of the infrastructures and its forest reserve with the help of the security staff and forest guards. These maintenance staff performs their respective duties diligently.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

Calibration of equipments by technical experts is carried out as and when necessary.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

The Government of Mizoram provides the college with a dedicated electric line which prevents voltage fluctuation. The college also owns a diesel operated 100 KVA electricity generator and ensures an uninterrupted power supply in all computer laboratories through 6 KVA UPS (2 Nos), 2 KVA UPS (2 Nos), 20 KVA UPS, and 10 KVA solar panels. The college also has a steady water line to the college.

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The college forest is the largest forest cover area within Aizawl City. The college emphasizes on the maintenance of a beautiful, eco-friendly, clean and green campus. It plants trees and flowers in and around the campus and paints the buildings neatly. The maintenance staff, faculties and students are actively involved in campus cleanup programmes.

The college has a vast vehicle parking place. Roads are maintained and various buildings are linked with good roads.

The college has a cordial working environment and a good cooperation among the faculty, students and non-teaching staff which helps them to effectively deliver their utmost service to the college and provide a good learning environment. The college maintains a cordial relationship with its neighboring local community leaders such as NGO's(YMA) and Local Councils for the maintenance of healthy academic atmosphere and conservation of the campus forest.

CRITERION V
STUDENT SUPPORT AND PROGRESSION

The college aims to provide an all-round education for an all-round development which will enable students to face the realities and hardships of life making them a better person in every aspect of life.

5.1 STUDENT MENTORING AND SUPPORT

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

The college's Prospectus is revised and updated annually. The Prospectus provides the following particulars along with the application form for admission. The prospectus contains:

- History of the college
- Vision and Mission Statements
- Information about the institution
- Code of conduct
- Regulations and information on the library, and sports, etc.
- Information on the cultural associations, cells, and clubs, etc.
- University and UGC circulars regarding sexual harassment, ragging, tuition fees, minimum attendance, and misuse of mobile phones.
- Subject combinations
- Scholarships and Awards
- Academic calendar
- List of holidays
- Details about the admission procedure
- Ordinance pertaining to examinations
- List of Undergraduate Departments
- Information on NSS, NCC, Cells, Associations, Clubs, Linkages and Cells.

The college adheres to the schedule of activities, rules and regulations mentioned therein.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

Sr. No.	A.Y.		Management Prizes	Sponsored Prizes	Sitaram Jindal Foundation	Ishan Uday (NER)
1.	2010-11	No. of students	20	2		
		Rs.	1,20,000.00	20,000.00		
2.	2011-12	No. of students	40	2	5	
		Rs.	2,40,000.00	20,000.00	14,040.00	
3.	2012-13	No. of students	40	2	4	
			2,40,000.00	20,000.00	12,200.00	

4.	2013-14	No. of students	10	2		
		Rs.	50,500.00	20,000.00		
5.	2014-15	No. of students	5	2	5	73
		Rs.	25,000.00	20,000.00	22,800.00	45,26,000

5.1.3 Percentage of Students Receiving Financial Assistance from State & Central Government:

Sr. No.	A.Y.	Total No. of Students Admitted	No. of students receiving scholarship	%
1.	2010-11	1340	-	
2.	2011-12	1779	1468	82.51
3.	2012-13	1993	1709	85.75
4.	2013-14	1948	1644	84.39
5.	2014-15	2015	1576	78.21
6.	2015-16	-	1408 applied	-

5.1.4 What are the specific support services/facilities available for

(1) Students from SC/ST, OBC and Economically Weaker Sections:

Most of the students in the college are ST community. The college informs and urges students to avail scholarships instituted by the government through announcements made in classes and notice boards. Support is provided by the administrative staff in processing of application forms and disbursement of the scholarship money when it is sanctioned. The government has now issued an order whereby all students are to have a bank account, and scholarships are to be disbursed by the government to these account only and not through the institution. The college also have "Sitaram Jindal Foundation merit scholarship" for Below poverty line (BPL) students. The college provides a mechanism where students can earn while learning called "Earn While Learn Scheme".

(2) Students with Physical Disabilities:

Differently-abled students are given special assistance during examinations. They are given special rooms and they are also allowed to have a writer. A class having a student with physical disability is allotted a class room on the ground floor and new buildings are also constructed with ramps.

(3) Overseas Students:

Students from overseas are made to feel at home and are extended assistance to help them adjust to the college environment.

(4) Students to Participate in Competitions:

Students are encouraged to participate in competitions and events at various levels and they have won prizes and awards. The college provides assistance in any way possible by assigning faculty to accompany students on events outside the campus and the state, by providing financial assistance, and by providing transportation if and when necessary. The college also recognizes the students with special accomplishments through donations and collections from faculty members. Such students are granted Duty Leave. Banners are also placed in the college campus to congratulate and recognize their achievements.

(5) Medical Assistance to Students:

The students can avail free medical service from the college health clinic.

It also organizes activities and awareness programmes such as Blood Donation Campaign, Eye Donation Campaign, Mental Health Awareness, Suicide Prevention programme and general health tips to promote good health among students and also to create awareness about health related issues. Blood donation camps have been regularly organized in the college.

(6) Organizing Coaching Classes for Competitive Exams:

Under the UGC sponsored Civil Service Coaching program, coaching classes were run for various competitive exams.

The college is also a centre for various entrance exams and has hosted several exams such as:

- All India Pre-Medical/Pre-Dental Entrance Exam in 2015
- State Bank of India recruitment exam in 2012
- Subsidiary Intelligence Bureau (SIB) recruitment exam in 2012, 2013, 2014 & 2015.
- Mizoram University LDC & Stenographer recruitment exam in 2013
- Staff Nurse Entrance Exam under MPSC during 2013-14.
- University of Hyderabad entrance exam from 2010 till date.
- The college is also a partner institute of IGNOU.
- UGC coaching class for competitive examinations.

(7) Skill Development:

The college have the following schemes for skill development:

- Finishing School
- UGC Skill oriented programme- Certificate course in Pisciculture
- Training of students to use internet and PowerPoint presentation.
- Training of students in ICT.
- Hands on training at Institutional biotechnology hub.
- Training of students in Language laboratory.
- Student practicals and field visit.
- Students study tours.

(8) Support for 'Slow Learners':

The college conducted 'remedial classes' for slow learners. Each department also adopts a student mentoring system where each teacher is assigned wards. Counseling sessions are also occasionally organized in each department. Every department keeps records of students to track their progress. Many departments take extra classes to help students who are weaker in class.

(9) Exposures of Students to other Institutions of Higher Learning/Corporate/Business House:

- Students exposure are done via Institutional Biotechnology Hub and STAR college scheme.
- Students are also taken on field trips and study tours to give them firsthand knowledge and experience. (List of exposure programmes enclosed in criteria 2.3.8)
- The college has participated in students exchange program with Union Christian College (UCC), Meghalaya. Six students of Chemistry gave presentations at a Symposium under students exchange program organized by the Department of Chemistry, PUC and UCC, Meghalaya.

(10) **Publication of Student Magazines:**

Students have two publications where they can freely contribute their works – the college magazine entitled *Buannel* and their own newsletter *Campus Talk* (earlier it was *SU Voice*). The Students' Union newsletter is published where students actively contribute their own writings. Some departments have their own newsletter where students take initiatives forming their own editorial board. The Evangelical Union of the college also has its own newsletter. The Literature Club of the college has also published a book titled *Lairil* where articles were contributed by the teachers and students of the college.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

An entrepreneurship paper was introduced under the semester system at UG level in Commerce stream since the semester system was started in 2011. This paper consists of test per session with 25 marks, project work for 25 marks and semester end examination for 50 marks totaling 100 marks.

This course provides entrepreneurial exposure to the students and creates an environment for setting up and managing their own small units and is a basis for legal framework. At the same time, this course helps them to develop their skill to adopt in the world of business, trade and commerce.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

The policy of the institution is holistic development of each and every student. For this purpose, the college organizes several extra co-curricular activities, and motivates them to participate in the same. Students are encouraged to participate in various extracurricular and co-curricular activities. Appropriate weightage of attendance is given for such activities. Teachers are assigned a charge in all these cells and forums. Students are divided into four houses and competition are held amongst them to improve their participation in CCA.

The college holds the following programmes for students to participate during college week:

Debating Department: Essay writing, Short play writing, painting, extempore speech, Debate, Quiz competition, elocution, comedian search

Common room: Chess, Badminton, Table tennis, Boxing (mens)
Cultural Department: Cultural dance and cultural related sports etc competition- Cheraw,hlado chham, lenkhawm zai, inkawibah, Tlangau, insuknawr, In ban phawi, College miss and Mister contest, Beat contest and solo competitions.

Games and sport department: Football, Volleyball and Basketball

(1) **Additional academic support and flexibility in examination:**

Extra classes are conducted for those students participating in extracurricular events to make up for their absence in regular classes. The college admits students in sports quota and awards marks for sports persons as per the rules of the University. The internal examination is scheduled to cause least inconvenience to the students who participate in extracurricular and co-curricular activities.

(2) **Special dietary requirements, sports uniform and materials:**

Students participating in sports activities are given a practice allowance to be used for their diet requirements. Students representing the college are provided with sportswear. The college provides all materials required for games and sports and hired special coaches for every discipline. The institution has an Auditorium and an open ground for indoor games as well as outdoor games.

(3) **Any Other:**

The institution provides financial and physical requirements of the students for extra-curricular and co-curricular activities. Inter-college, intra-college events and programs are organized by the institution. Student-oriented events such as Fresher's Social, NCC, NSS Camps, Study tours are annually conducted by the college. The college has instituted awards to recognize the achievements of outstanding students in sports and other co-curricular activities. The college selects a student as '*Best Sportsman/Sportswomen of the year*' on the basis of their achievements in the sports activities. It also declares as '*Student of the Year*' one student who is nominated on the basis of a consistently good academic record, co-curricular, extracurricular achievements and exceptional behavior.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

Support and guidance provided to the students in preparing for the competitive exams are:

- The college conducts UGC sponsored coaching class for entry into services.
- The college conducts 1 BPO Call centre training for hotel students.
- The college conducts coaching for entry into banking services.
- Through counseling during departmental counseling.
- College library provides materials ranging from book to magazines which serve as a ready reference meant especially for competitive exams.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

The college provides effective academic, personal, career and psycho-social counseling services which are:

Academic counseling	Career counseling
<ul style="list-style-type: none"> • Admission counseling 	<ul style="list-style-type: none"> • Career guidance counseling
<ul style="list-style-type: none"> • Departmental briefing 	<ul style="list-style-type: none"> • Mentor mentee interaction
<ul style="list-style-type: none"> • Departmental counseling 	<ul style="list-style-type: none"> • Coaching classes
<ul style="list-style-type: none"> • Remedial class 	<ul style="list-style-type: none"> • Finishing school
<ul style="list-style-type: none"> • Library orientation 	
Personal Counseling	Psycho-Social Counseling
<ul style="list-style-type: none"> • Mentor-Mentee interaction 	<ul style="list-style-type: none"> • Life skill training
<ul style="list-style-type: none"> • Departmental Counseling 	<ul style="list-style-type: none"> • Professional counselors
<ul style="list-style-type: none"> • Through social counselors 	<ul style="list-style-type: none"> • Through NGO
	<ul style="list-style-type: none"> • Discipline committee

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes, the college has a Career Guidance and Counseling Cell. This cell organizes career awareness seminar, coaching class and other programs. Workshops are conducted on 'Facing Interviews' and 'Resume Writing' for the final year students.

Following are the programmes conducted:

- Conducted 3 months *Call Centre Training* program for hostellers during July-Sept 2012 which was jointly organized by the college and Shree Ram New Horizon India Ltd and funded by North Eastern Council (NEC). 30 students completed the course.
- Conducted UGC sponsored *Coaching Class for Civil Service* during September to November in all subjects. 30 students attended the course.
- Organized a Computer training course – 'Course on Computer Concepts' for any 2nd and 3rd year students in collaboration with DOEACC Society. A total of 120 students registered for the course. The training was held during August to December.

The institution has a Placement Cell, which organizes programs to guide students in making appropriate career choices and gainful employment. A notice board solely for employment notice, called Placement Notice Board was made where employment notice of Government of Mizoram as well as other states are put up to create job awareness among the students. 'Employment News' is subscribed for the

college. A collaboration with Mathematics Society, Mizoram to train job-aspirants in Arithmetic, and NELIT Study Centre to offer computer training course for the students is under process.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes. The college has a Grievances Redressal Cell. The grievances redressed during the last 4 years are:

Sl.No.	GRIEVANCE	REDRESSED
1.	Request for 3 buses to ply at a time from the college in the afternoon	The matter brought to the notice of the Principal and the Principal notified the concerned in charge and the request if fulfilled
2.	Complaints of unclean toilet	The concerned authority was notified to do the necessity.
3.	Complaints of the Library staff being uncooperative.	The matter brought to the notice of the Principal. The Principal addressed the issue in the Library staff meeting.
4.	Complaint of rudeness against one faculty member of Geography Department.	The matter was brought to the notice of the Principal and the Principal has given appropriate counseling to the concerned teacher.
5.	Grievance against Commerce Lecturers for not giving prior information on cancellation of classes by 2 nd Semester Students	The Head of Department was informed against the complaint and he promised the Cell to rectify the problem.
6.	Complaint received about Recreation Hall bathroom door being in need of repair	The concerned authority was notified accordingly and repaired.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

The college does not have a separate sexual harassment committee. The matter is addressed by Women's Cell. No sexual harassment case have been registered to the authorities.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes. The college have an Anti-ragging committee and Anti-ragging squad. Sensitization program through PowerPoint presentation to highlight the meaning of ragging, the Supreme Court order regarding ragging and violation penalty was given at the beginning of the academic session. An anti-ragging campaign is also held every year in the hostels. Every student of the college and his/her parents or guardians are made to sign in an affidavit of anti-ragging bond to avoid ragging in the campus. Due to these sensitization programs and campaigns, not a single incident of ragging has been reported so far.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The institution is committed to the overall welfare and well being of its students. Some of the welfare schemes made available to students are listed below:

- Professional counselor on campus
- Mentorship system
- Scholarships and prizes
- Fee concession
- Flexibility in payment of the fees as per the difficulties of the students.
- Reservation policy of the government and University
- Remedial classes
- Reading room
- Doctor and medical facility
- Ample parking facility
- Travel concession.
- Indoor and outdoor games
- Sports coaching
- Hostel facilities
- Students Common Room
- Two canteens
- Clean drinking water
- Hands-on-training, workshops and seminars

5.1.14. Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

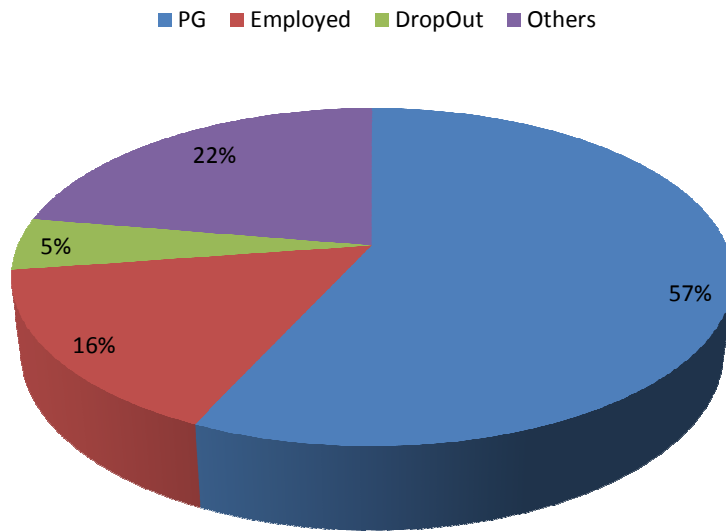
The college being the premiere college of the state has a number of prominent and successful members in the Alumni Association. The Alumni Association of the college actively participates in many different functions of the college. The alumni meet at least once a year and they are instrumental in supporting the institution and contributing to its institutional, academic and infrastructural development. Some of their activities are as follows:

- Participated in a meeting organized by IQAC for Alumni and Parents with the NAAC Peer team on 30th Aug, 2010.
- New Office Bearers were elected in the 1st General Body Meeting held on 27th Jan 2012 at I7PR Conference Hall.
- First meeting of Office Bearers held on 1st Feb 2012
- Members of the alumni actively participated in Cultural Day Function and Graduation Dinner of the college.
- President of the Alumni gave an inspiring speech at the college’s Fresher Social and Felicitation function.
- Jointly organized TV Talk Show and Charity Show with PUMP (People United in Music with a Purpose) for Victims of Nepal Earthquake and raised more than 5 lakhs.

5.2 STUDENT PROGRESSION

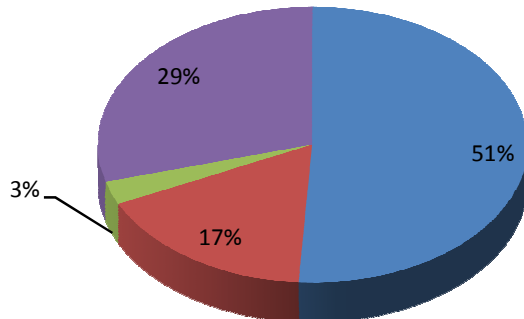
5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

PUC Students Tracking Overall



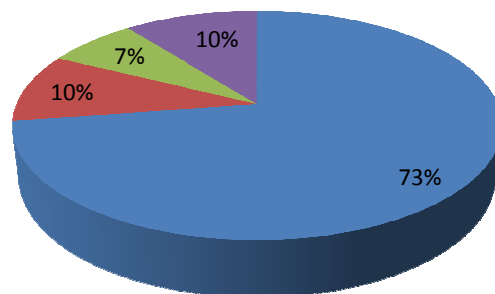
Arts Students Tracking

■ PG ■ Employed ■ DropOut ■ Others



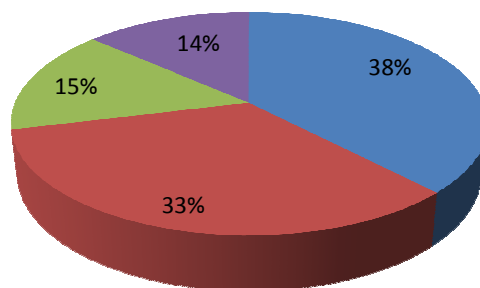
Science Students Tracking

■ PG ■ Employed ■ DropOut ■ Others



Commerce Students Tracking

■ PG ■ Employed ■ DropOut ■ Others



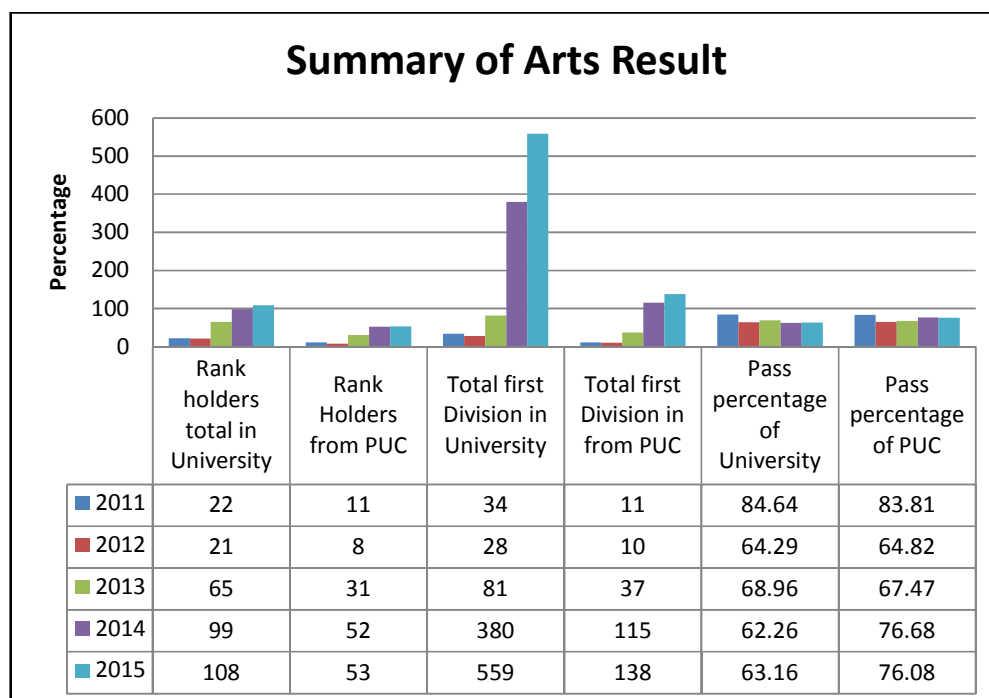
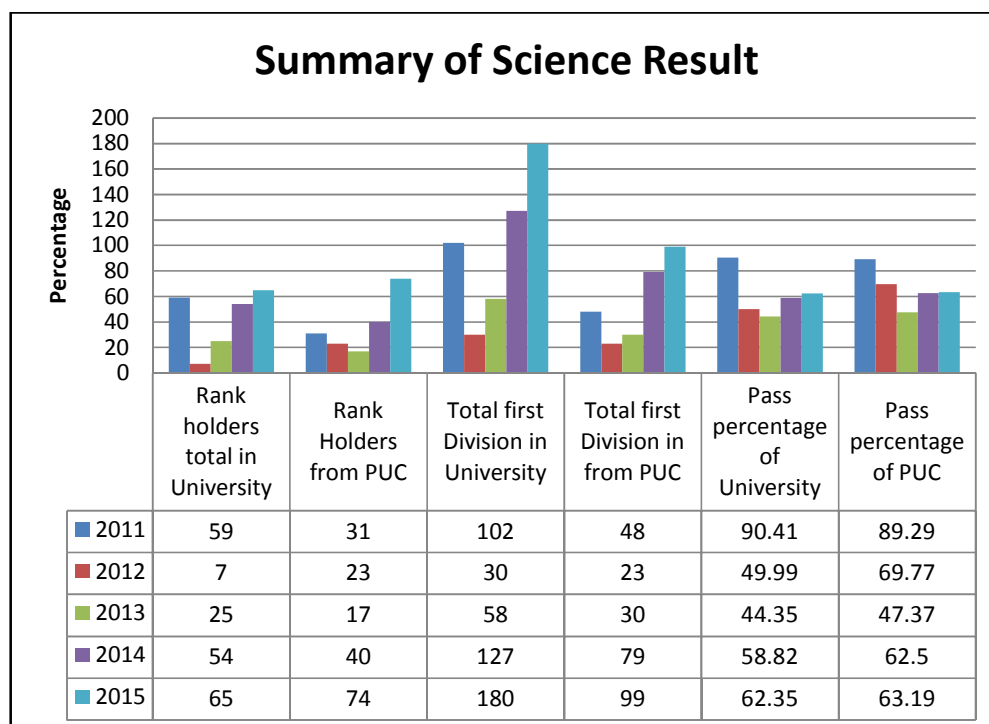
A.Y.	B.A.				B.Sc				B.Com.			
	1	2	3	4	1	2	3	4	1	2	3	4
2011	60	34	2	60	35	21	1	11	2	3	0	0
2012	77	46	5	54	44	7	1	1	5	11	0	2
2013	103	55	3	57	80	7	4	1	11	14	8	0
2014	148	32	12	64	102	9	19	7	11	9	4	8
2015	135	7	13	81	89	3	13	25	13	0	5	5

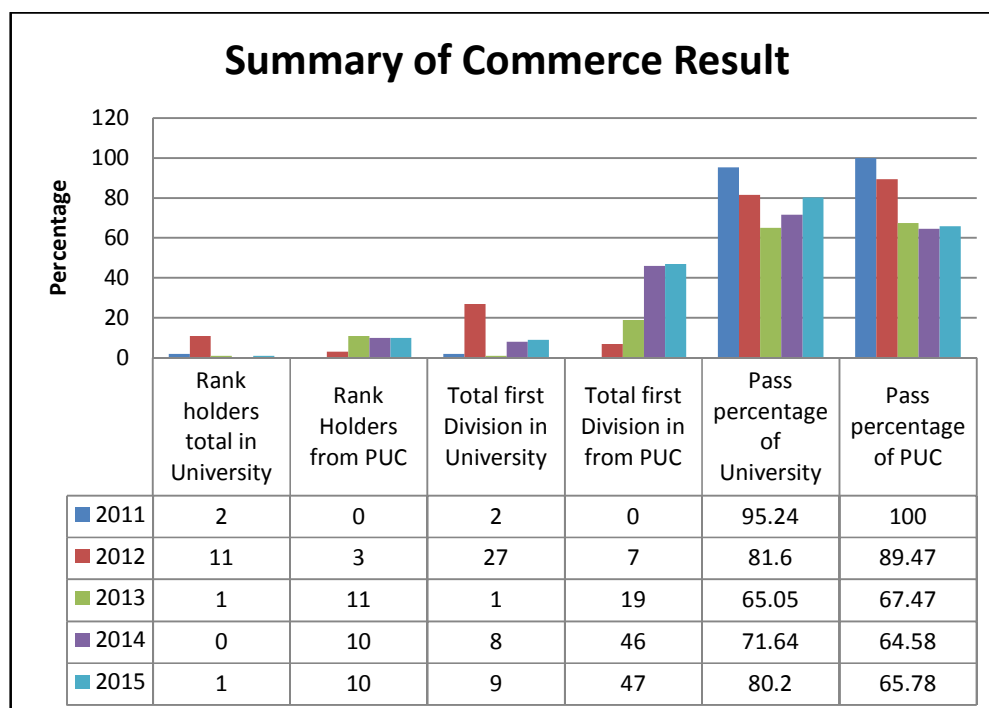
N.B: U.G. courses such as B.Ed. and Ll.B. are taken up by some students after B.A./B.Sc./B.Com.

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district

Class	Pass %				
	2010-11	2011-12	2012-13	2013-14	2014-15
B.Com	100	89.47	73.91	64.58	65.78
B.Sc.	89.29	69.77	47.37	62.50	63.19
B.A.	83.93	68.09	75.56	94.58	76.08

A.Y.	B.A.			B.Sc.			B.Com.		
	Gold Medal	Rank	1 st Div	Gold Medal	Rank	1 st Div	Gold Medal	Rank	1 st Div
2011	3	9	10	6	31	48	-	-	-
2012	3	8	8	6	23	23	-	3	7
2013	7	31	37	4	17	30	-	1	1
2014	7	52	115	6	40	79	-	-	8
2015	9	50	138	7	74	99	-	1	13
TOTAL	29	150	308	29	185	279	-	5	29





Details of Comparison of Programme-wise Pass Percentage of Previous Year (2014-15) With That of Overall Percentage of Affiliating University:

CLASS	Pachhunga University College	Mizoram University
B.A.	76.08	63.16
B.Sc.	63.19	62.35
B.Com.	65.78	80.2

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

To ensure student progression to higher level of education and facilitate them towards employment, a Career Guidance & Counseling Cell and a Placement Cell have been constituted by the college.

The college follows a tutor-ward system where each teacher is assigned a number of students as his/her ward. Through this tutor-ward system, academic counseling and motivation for higher studies is given to students.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

- Counseling
- Mentor system
- Remedial classes
- Peer support
- Assistance during examination preparatory holidays
- Provide study materials

5.3 STUDENT PARTICIPATION & ACTIVITIES

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

(a) Sports and Games

Intramural level:

- Football (M/W)
- Volleyball (M/W)
- Basketball (M/W)
- Table Tennis (M/W)
- Badminton (M/W)
- Athletics (M/W)
- Long Jump (M/W)
- High Jump (M/W)
- Shot-Put (M/W)
- Chess (M)
- Chinese Checker (M/W)
- Insuknawr (M)
- Arm Wrestling (M)
- Boxing (M/W)

Inter-Collegiate level

- Football (M)
- Volleyball (M/W)
- Basketball (M/W)
- Chess (M)
- Table Tennis (M/W)
- Badminton (M/W)

Inter-University level and Nationals:

- The college takes part in University sports, inter-university sports and inter-collegiate tournaments.
- Students are selected to participate at the inter-college and national level sports events based on their performance at the University level.
- The college organises its Annual Sports Meet during the month of August and it has been organised successively for the last 51 years.
- The college has hosted the Inter-University Football Tournament.

(b) Societal and Extension Activities:

i) Community Development

- The college has adopted a village Phulpui. The college sent study groups from various departments of the college which undertook extensive

research work in and around the village. The research findings have been published in a book.

- The college management offers financial aid during the time of admission to students who are financially challenged.
- The NSS Unit of the college constructs public urinals, toilets and park benches in various places.
- The college opens its sports infrastructure like playground, basketball and volleyball courts, auditorium, etc. to residents of the neighboring localities.

ii) Social Work (through NCC and NSS)

- NSS Unit of the college conducts various cleanliness programs in various areas around the city. They participated at the Community Emergency Works at ITI, they also visited an AIDS-affected Children's Home namely *Gan Sabra* at Zonuam and presented Rs. 8200/- in cash. A Communal Harmony program was organized by the NSS at Special Home, Durtlang.

iii) Awareness Programs

Awareness campaign on blood donation and cleanliness have been organized in the campus on several occasions.

Students participate in various awareness programs such as HIV/AIDS, human trafficking, environmental protection, gender discrimination etc.

The college also organized an eye donation awareness camp.

iv) Medical Camps

The college organizes a *Blood Donation Camp* every year and is currently the record holder for the most number of units donated by a group in Mizoram. MSACS, Govt. of Mizoram awarded the college with *Blood Donors Award*.

v) Inculcating Moral Values and Spiritual Discourses

- The college celebrates Independence Day, Republic Day and birthdays of great leaders of our country.
- The EU organizes a meeting everyday between 12:30 to 1:00 where motivational and inspirational speakers are invited from outside the college.
- The college also invites spiritual leaders to come to college and give spiritual advice and also to have an interaction with students.

vi) National Cadet Corps (20 Mizoram Independent Company and 1st Mizo Air Squadron)

National Cadet Corps, Pachhunga University College Unit, established in 1964 under the 20 Miz(I) Coy, is the first NCC Unit in Mizoram It is affiliated to the Group Headquarter, Silchar, Assam. It also has an Air Wing under 1st Mizo Air Squadron for SD which was established in June, 2013. The strength of the unit is 130 (SD-70, SW-60) in 20 Miz(I) Coy and 50 (SD) in Air Wing.

The NCC PUC Unit participated in various camps and courses all over India, participated in Independence Day and Republic Day parade, performed social services and received various awards. The college hosted Certificate 'B' and 'C' exams in the college conducted by the Group headquarters many times, and also conducted rank examinations. During the last five years, 97 cadets got 'B' certificate and 30 cadets got 'C' certificate.

vii) National Service Scheme (NSS)

- **Motto** : "Not Me, but You"
- **Established** : 1972
- **Affiliation** : Mizoram University, NSS Cell
- **Unit Strength** : 700 Volunteers
- **Program** : Community Work 120 hours per year

The NSS Unit of Pachhunga University College came into existence in 1972 to be the first NSS unit to be established in Mizoram. From the date of its inception, volunteers and Programme Officers of this unit have been already rendering their voluntary services for the expansion of NSS activities in taking up various programmes. At present this unit has seven Programme Officers with the strength of seven units of seven hundred student's volunteers. Fortunately, under the dynamic Principal, Dr Tawnenga, this Unit has its own NSS Office in the College. As per the NSS guidelines, various programmes have been taken up under Regular Activity and Special Camping Programmes. This Unit has eight Adopted villages. Namely

1. College Veng
2. ITI Veng
3. Thuampui
4. Muthi
5. Bethlehem Veng
6. Durtlang
7. Selesih
8. Phulpui.

- **Activities(2011-15)**

NSS ACTIVITIES DURING 2011-2012

1. On 11th April, 2011, Cleaning Day was organized to clean areas of Block – I,II & III buildings of the college. 80 students volunteers and two P.Os were participating in the programme.
2. Special Camping Unit-VIII was held at Damveng , Aizawl during 11 – 16th April 2011 for construction of Park Benches for the use of the community along with campaigns for cleanliness, fire-prevention etc. for the locality of Damveng area.
3. The college NSS Units participated in the ' Inter State Youth Exchange and Home Stay ' Programme organized by RGNIYD and NSS Cell, Mizoram during 17th to 24th April 2011. The Student volunteers of P.U.College performed ' Cheraw Dance ' and 19 student volunteers of Chhattisgarh were also experienced a Home Stay

- programme with the volunteers of the College during the said programme
4. Special Camping Unit-VII was also held at Agape Institute Chawlhmun, Aizawl during 18 -23rd April 2011 for construction of Urinal and Campaigns for Cleanliness and Fire-prevention etc. for the community of the Chawlhmun, Aizawl.
 5. “Green Mizoram Day” was observed on 24th June 2011 by clearing and cleaning the Plantation site near A.R. Ground, Aizawl for the community of Mizoram. Two P.Os and 80 student volunteers were participating in the programme.
 6. Another Special Camping Unit-VI was organised at Durtlang North during 25-30th April 2011 for construction of Public Urinal and Campaigns for cleanliness and fire-prevention for the community of the said locality.
 7. Cleanliness programme was organized in the College campus on 12th May 2011 to clean Arts & Science Blocks buildings of the college. 70 student volunteers along with 4 P.O.s were participating in the programme.
 8. Cleanliness work was done along with construction of Public Urinal for the public at Mualveng, Durtlang on 15th July 2011 for the community of mualveng area. Around 50 student volunteers and one P.O. were participating in the programme.
 9. Renovation and Dressing as well as beautifying of Circular Flower Bed and the Jubilee Stone was undertaken on 23 July 2011. Two P.Os along with 70 student volunteers participated in the programme.
 10. Beautification work was continued under the leadership two P.Os on 19th August 2011. Eighty (80) student volunteers participated in the activity in two groups.
 11. Voluntary Blood Donation cum Motivation campaign was organized for Observation of Teachers’ Day on 5th September 2011 at the college campus. 425 units of blood was donated by 419 student volunteers and 6 teachers. Of which, 336 were males and 89 were females. The Medical team of Civil Hospital and Durtlang Hospital Blood Bank Cells attended the programme. About 1260 student volunteers/students, 6 P.Os and 20 Teaching and Non-Teaching staff of the College were participating in the programme.
 12. Eye-Donation Campaign was also organized on the same day (5th Sept.2011) at the College Auditorium. The Medical team of 6 members of Durtlang Hospital attended the programme. One P.O. three Teachers and 340 student volunteers were participating in the programme and 34 students and teachers agreed to donate their eyes to the said Hospital.
 13. Beautification work was continued again on 16th & 17th September 2011. Two P.Os and 40 student volunteers were participating in the programme.
 14. NSS-Day was observed on 24th September 2011 for doing cleaning and clearing work in the Plantation area of A.R. Ground, Aizawl. Eighty (80) student volunteers and one P.O. were participating in the programme. This programme is also for the community of Mizoram.

15. Cleanliness cum Beautification work was organized in the College Courtyard area on 7.10.2011. About 80 student volunteers along with 2 P.Os were participating in the programme.
16. Social work for construction of wooden Benches was organized on 18.11.2011. Two P.Os and 70 student volunteers were participating in the programme.
17. Communal Harmony cum cleanliness was organized at Special Home, Durtlang North under the leadership of Dr. Lalthankungi, P.O. on 23.11.2011. 24 student volunteers participated in the programme and two selected student volunteers delivered Communal Harmony Campaign speech among the inmates as well as local youth the locality. Cleaning work was also done inside and outside of the Home area of the locality of Durtlang North.
18. Social work was again organized for construction of another wooden Bench on 3.12.2011. Two P.Os and 60 student volunteers were participating in the programme.
19. The College NSS Units participated in the community Emergency work at ITI veng on 5.12.20.11 for helping people/victims of House-Burn/Fire Occurrences under natural calamity case. Two P.Os and 20 student volunteers were participating in the programme.
20. Special Camping Unit-I was organized at Saphal Kawn during 8 – 14th December 2011 for construction of Benches and campaign for Cleanliness, Disaster management and ‘ No Tobacco ’ etc. for the community of Saphal Kawn locality.
21. Special Camping Unit-II was held at Hmunghak during the same month for the construction of Benches and campaigns for Cleanliness, Disaster Management and ‘No Tobacco’ etc. for the community of camp site area.
22. Another Special Camping Unit-III was organized at Sialhawk during 9-15th December 2011 for construction of waitingshed and campaigns for cleanliness, Disaster management and ‘No Tobacco’ etc. for the community of Sialhawk village.
23. Unit-IV Special Camping was also organised at Riangtlei village in the month of December 2011 for construction of Benches and campaigns for cleanliness, Disaster Management and ‘No Tobacco’ etc. for the community of the said locality.
24. Special Camping Unit-V was also held at Chiahpui in the month of December 2011 for construction of public Benches and Campaigns for cleanliness, Disaster Management and ‘No Tobacco’ etc. for the community of the said village.
25. As per resolution of the joint committee of AVBD, MSACS and Valentine’s Day Mass Voluntary Blood Donation, the NSS Unit of Pachhunga University was requested to clean the spot for Donation camp, its premises and to do the needful. Hence, the College NSS Units of P.U.C. organized cleanliness programme to clean the camp site area on 13th February 2012. One P.O and 20 volunteers were participating in the programme.
26. As requested by the AVBD, Mizoram, the NSS Units or P.U.C. participated in the Mass Voluntary Blood Donation Camp at Civil Hospital doing some of the needful activities on that day. Besides, 5

- student volunteers also donated their precious Blood on voluntary basis on that day. One P.O. and 30 student volunteers attended the programme on 14th February 2012.
27. The NSS Units of P.U.College organised cleanliness work to clean Public Urinals at the different places of Venghnuai, Aizawl on 24th March (Saturday). 40 Student volunteers and one P.O. participated in the programme. This programme is purely for the community of Venghnuai area of Aizawl city.

NSS ACTIVITIES DURING 2012-2013

1. Cleaning and clearing of the plantation site at AR Ground area of Aizawl was organized on 14.4 2012. Sixty student's volunteers and one PO participated in the programme.
2. One Special Camping programme was organized at Dam veng YMA Section III for helping the community in helping public fencing, Campaign for cleanliness, Blood Donation during the month of April.
3. Social work like arranging tables, desks and benches was done by 40 volunteers and 4 POs and besides cleaning of rooms and others at block II top floor, block III floor and the College Auditorium was done on 4 May 2012.
4. Clearing work under plantation site and up keeping programme was organized in the college Campus of southeast area near ITI Veng boundary. Forty volunteers along with two POs were participated in the programme on 5.5.2012.
5. Special Camping programme of Unit VIII was organized at Agape Institute Chawlhmun, Aizawl during 7-13th May 2012 for helping the community in construction of public park benches, Campaign for AIDS, Blood Donation, No tobacco, Voluntary blood donation etc.
6. Another Special Camping programme was organized at Dam veng during 14th – 20 May for helping the community in helping in renovation of public road fencing, Construction of public park benches, children vaccination, Blood Donation etc.
7. As per the request of the Green Mizoram Committee, Our college unit participates in the Green Mizoram day programme on 14 June 2012 at Secretariat Complex, Khatla. Two POs and 100 volunteers participated in the programme and planted 100 saplings in the secretariat complex area.
8. Clearing work under plantation site at Civil Secretariat Complex was organized on 28.7.2012. Thirty volunteers along with one PO were participated in the programme.
9. Cleanliness drive was organized for observation of Our College foundation day on 14 August 2012 to clean Block – I and II buildings and their areas. The student volunteers of III Yrs BA and I Sem students of Geography, physics; History, Psychology, Education, Geology and Mizo Department along with 8 POs were participating in the programme.
10. Clearing the surrounding areas of PU College football Playground was organized on 25.8. 2012. Two hundred volunteers along with 2 POs were participating in the programme.

11. Cleanliness Programme was organized in the college to clean Block III and Administrative buildings and their surrounding areas on 22.9.2012. Two hundred student's volunteers of III BA Hon and I Sem students of Geography, physics; History, Psychology, Education, Geology and Mizo Department along with 8 POs were participating in the programme.
12. Clearing work under plantation site at Civil Secretariat Complex was organized on 28.9.2012. Thirty volunteers along with one PO were participated in the programme.
13. Clearing the circular flower bed inside the campus was organized on 6.10.2012. Surrounding areas of PU College football Playground was organized on 25.8.2012. Eighty volunteers along with 2 POs were participating in the programme.
14. Cleanliness Programme was organized in the college for cleaning Science building, Teacher's common room on 12.10.2012. Two hundred students along with 8 POs were participating in the programme. The programme includes cleaning of inside and outside buildings and their surrounding areas along with the approach roads of the building.
15. One day Mass voluntary Blood Donation was organized in the College on 16.11.2012. 320 student's volunteers and all the POs participated in the programme. 140 units of bloods were donated and 107 and 33 were male and female respectively. Blood bank team from Civil Hospital collected the blood for the needy patient.
16. Cleaning the circular flower bed with jubilee stone inside the campus was organized on 17.11.2012. Eighty students with two POs were participated in the programme.
17. Cleanliness Programme was organized in the college to clean Life Science Building Auditorium building along with the surrounding areas of the building on 30.11.2012. Two hundred ten student's volunteers along with 8 POs were participating in the programme.
18. One day cleanliness programme was organized in the college campus for cleaning the open square area, basket ball court to main gate of the college with Block I building area on 7.12.2012. Two hundred student's volunteers along with 6 POs were participating in the programme.
19. Five Special Camping programme was held at five different places during the month of December 2012 such as Phulpui, Thangmun, Phulchhuk, Zuruam, and Luangpawl. The project under taken were construction of public park benches, waiting shed, urinal, clearing and cleaning of Public cemetery, village water point, internal roads, Village hall, campaign for cleanliness, no tobacco, fire prevention.

NSS ACTIVITIES DURING 2013-2014

1. For commemoration of 150th Birth Anniversary of Swami Vivekananda, the College NSS Unit organized cleanliness work on 19th January 2013 in the surrounding areas of Block – II and III Buildings of the college campus. In this programme, 120 volunteers and two POs were participated.

2. On 23rd March 2013, beautification work was organized for collecting manure, flower seedlings of different varieties and making of polypot etc for circular flower bed of the college. Two POs and 30 volunteers were participated in the programme.
3. Two Special Programme were organized at Tlangnuam veng during 23-28th and 24-29th April 2013 respectively. The project undertaken were- construction of Uninal, clearing of Public cemetery, campaigns for HIV/AIDS, No tobacco, cleanliness and fire prevention etc.
4. : On 17 May 2013, *Cleanliness programme* was organized on the last day of semester exam at the NSS Office and its premises. In this programme 30 volunteers were actively involved.
5. Twenty students and one PO were participated in *Green Mizoram day* which was organized by Green Mizoram Committee on 11 June 2013 at ICFAI University Campus Durtlang. The total number of saplings planted was 70.
6. Cleanliness work was organized at Durtlang North (ICFAI Road) on 28 June 2013. Two POs and 27 student Volunteers along with 3 teachers of Education Department, Pachhunga University College also involved in the programme for cleaning public road, Durtlang North as well as group interaction amongst the different students and teachers.
7. On 5th July 2013, Social work cum cleanliness programme was organized at the College playground and its premises. In this programme around 50 volunteers with two PO's were actively involved.
8. During this month two times *Voluntary Blood Donation* was organized. The first one was on 5th August 2013 at Civil Hospital Blood Bank. Due to lack of Blood store in Civil Hospital Blood Bank, Civil Hospital Blood Bank Officer has requested the NSS Unit of this institution to donate blood for the needy patients. In response to their request, the NSS Unit of this institution donated 20 units of blood, 18 male and two female. In this programme 50 volunteers participated.
9. Then after one week, as it was done in the other year, *Mass Voluntary Blood Donation Programme* was organized in the College Campus on 14th August 2013 and it was inaugurated by honorable Vice Chancellor, Prof R Lalthantluanga Mizoram University. During the donation, entertainment programme was also conducted at the College platform to entertain and enlightened the donors and singers from outside and the NSS volunteers of this institution performed special number. Total number of donation was as follows- for Civil Hospital Blood Bank 145 male and 25 female total 170 units. For Presbyterian Hospital Blood Bank- 94 male and 28 female and total was 122 units. Total number of donation was 292 units. In this programme, all the Programme Officers of this unit were actively participated.
10. On 16th August 2013, Social work cum Cleanliness and *Cleaning and clearing of the Office of NSS Unit*, programme was organized at the college campus. All the volunteers of these units and seven Programme Officers were actively involved. In this programme, around 1000 volunteers were actively involved with two Programme Officers. On the same day, social work programme was also organized at the

- adopted village of Phulpui. One PO with 40 volunteers went to the village to do widening of internal road.
11. On 30th September 2013 *Social work cum Cleanliness programme* was organized at the college campus for celebration of National Voluntary Blood Donation Day 1st October, which is going to be held at our institution. Around 70 volunteers of this unit and three Programme Officers were actively involved.
 12. On 3rd October 2013, Cleanliness programme was held at the College to clean the NSS garden or circular garden in the College. Around 30 volunteers and One PO participated in the programme.
 13. On 10th November 2013, Cleanliness programme was held at the College to clean Block III areas of the College. Around 40 student volunteers and one PO were participated in the programme.

NSS ACTIVITIES DURING 2014-2015

1. As per requested by organizing Committee of NE NSS Youth Festival 2014, 30 volunteers of this unit had performed Mizo Cultural mix dance in the inaugural ceremony of NE NSS Youth Festival 2014 held on 3rd - 7th February 2014.
2. On 1st March NSS Unit of this institution had cleanliness cum renovation and making of park benches at Bethani Children's Home, Sihhmui. In this programm 40 NSS volunteers of this Unit (25 male and 15 female) were participated.
3. From 31st March- 1st April 2014, thirty (30) NSS volunteers One PO participated in the programme NE India 15 days drama workshop cum seminar on performing arts of Mizo held at CYMA Hall, Tuikhuahtlang which is organized by Sangeet Akademi, New Delhi and Mizo Academy of Letters Aizawl. In this programme, NSS Volunteers of this institution performed some traditional Mizo dance.
4. On 17th April 2014, Cleanliness Programme was organized in the college campus and in this programme, 30 male volunteers and 21 female volunteers were actively participated.
5. On 29th May 2014, the NSS unit of this institution has participated in the programme of Tree plantation at Thiak village, World bank road and in this programme 20 male and 15 female volunteers and one Programme Officer has actively participated and 60 fruit bearing trees and 20 evergreen trees also planted.
6. On 11 June 2014 7: Am, Green Mizoram day programme was organized at Vety College Selesih. In this programme, 15 male and 5 female volunteers with one PO .100 saplings were planted.
7. On 4th July 2014, Cleanliness programme was held at the College campus especially near NSS Park and its surrounding areas. In this programme 200 male and 100 female volunteers have participated.
8. On 9th July 2014, programme on clearing of plantation site at ICFAI University Campus was organized and in this programme 25 male and 5 female volunteers with One PO were actively participated.

9. On 8th August 2014, Cleanliness programme was held at the College campus especially near NSS Park and its surrounding areas. In this programme 120 male and 80 female volunteers have participated.
10. On 16th August 2014, programme on clearing of plantation site was organized at World Bank road near Thiak village and in this programme 25 male and 5 female volunteers with one PO participated. In this programme dead plantation were also replaced.
11. Social work Programme on Cleaning and renovation of park benches at Abandant Life Home, Durtlang was organized on 8th September 2014. In this programme 20 male and 15 female volunteers with one PO participated.
12. On 24th September 2014, As an observation of NSS Day programme on clearing of plantation site and fencing was organized at World Bank road near Thiak village and in this programme 25 male and 15 female volunteers with one PO participated. In this programme unsurvive plantation were also replaced. On 26th September 2014 *NE Writers Meets 2014* was held at Aijal Club, Aizawl which was organized by Mizo Academy of Letters and Department of Art and Culture, Government of Mizoram and sponsored by NEZCC, Dimapur, Nagaland. In this programme Ten (10) volunteers of this institution have actively participated as reception and ushering. One PO Dr Zoramdinthara also attended and proposed vote of thanks in the inaugural function.
13. On 10th October 2014, Voluntary Blood Donation was held at the College in collaboration with Civil Hospital Blood Bank and in this donation camp, 104 units of blood have been collected and out of which 68 and 36 are male and female respectively. In this programme all the PO's have participated. On 15th October 2014, Observance of Global Hand washing day cum Cleanliness Drive (Swachh Bharat) was organized by NSS (Cell), Mizoram. In this programme, 40 Volunteers with one PO have participated from this Unit.
14. On 27th October 2014, Cleanliness Drive was organized and in this programme all PO's and 300 male and 200 female volunteers have actively participated.
15. On 28th November 2014, cleanliness programme was organized at the college and in this programme, 30 male and 20 female volunteers have participated.

(c) Cultural and Extra-curricular Activities:

- The college, through the Students Union, conducts cultural events such as Beat Contest, Solo Contest, Mister and Miss Contest.
- The college organizes a Cultural Day every 3years.
- The college organizes a Graduation Dinner for final semester students every year.
- The college's *Chhawkhlei Cultural Club* which was formed on the 9th October 2012, represented Mizoram during 24th March to 1st April in the North East Zone Cultural Centre (NEZCC) Silver Jubilee Celebration at Dimapur, Nagaland. 16 members participated in this event.

- *Chhawkhlei Cultural Club* went on a Tour to Mysore, Bengaluru and Chennai between 27th Sept and 10th October 2014 participating in the Mysore Dussehra Festival and Cultural Festival in Innovative Film City, Bangalore.
- *Chhawkhlei Cultural Club* performed at the MZU General Assembly held between 8th to 10th October, 2014.
- *Chhawkhlei Cultural Club* performed at the East Zone Inter University Football Competition Closing Function on 25th October, 2014.
- *Chhawkhlei Cultural Club* performed at the SSU General Assembly at 8th Dec, 2014.
- *Chhawkhlei Cultural Club* went on a Tour to Hyderabad between 25th to 31st March to participate in the Diverse Cultural Tradition of North East with Telangana at Shilparaman.

Programme Calendar of Cultural Programmes:

Cultural Programmes are organised on the following occasions:

- Fresher's Social
- Felicitation
- Cultural Day
- Graduation Dinner for the outgoing students in their final semester.
- College Foundation Day observed on 15th August.
- College Week closing function.
- Teachers' Day (5th September)

5.3.2 Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

A. Sports Achievements

2010-2011		
<i>Inter-Collegiate level (University)</i>		
Event	Men	Women
Football	Bronze Medal	-
Badminton	Gold Medal	-
Event	East Zone (Inter-University)	Achievement
Football (Men)	4 members	<i>participated</i>

2011-2012		
<i>Inter-Collegiate level (University)</i>		
Event	Men	Women
Volleyball	Silver	<i>participated</i>
Football	-	<i>participated</i>
Basketball	Silver	<i>participated</i>
Badminton	Gold	Gold
Table Tennis	-	Silver
Chess	Silver	-

Event	East Zone (Inter-University)	Achievement
Football (Men)	5 members	<i>participated</i>

2012-2013		
Inter-Collegiate level (University)		
Event	Men	Women
Volleyball	Bronze	-
Basketball	Bronze	-
Badminton	Gold	Silver
Table Tennis	Gold	Silver
Event	Inter-University Volleyball Tournament	Achievement
Volleyball	1 member	-

2013-2014		
Inter-Collegiate level (University)		
Event	Men	Women
Basketball	Bronze	Silver
Table Tennis	Gold	Gold
Badminton	Bronze	Silver

Event	East Zone (Inter-University)	Achievement
Football (Men)	2 members	Participation

Event	North East Zone (Inter-University)	Achievement
Badminton	2 members	Bronze Medal

2014-2015		
Inter-Collegiate level (University)		
Event	Men	Women
Football	-	Runners-up
Basketball	Winners	Winners
Badminton	Gold	Silver
Table Tennis	Silver	Bronze

B. Cultural Activities

Students' Awards and Achievements in Inter-College Events:

- Ms. Bethel Lalrinfeli won the First Prize in Debate Competition organized by Red Ribbon club (MSACS) in the National Youth Day on 12th September, 2011.

- The college Cultural Club won the Third Prize in the Inter-College Cultural Dance Competition held on the 3rd October, 2011.
- Mr. H. Lianchungnunga participated in and won a consolation prize in the National Level Essay Writing Competition organized by Global Network Against Weapon and Nuclear Power in Space – Indian Chapter on the eve of International Space for Peace Week on October, 2012.
- Ms. Zothankimi Zote won the third prize in Poetry writing Competition held by MIELS (Mizoram English Literary Society) held on 30th July 2013.
- Ms. Shirley Lalrinfeli won the the 2nd Prize in Poetry writing Competition held by MIELS (Mizoram English Literary Society) held on 6th Feb, 2015.
- Mr. Lalruatkima Ralte won the 2nd Prize in Essay Writing Competition held by MZP General Headquarter.
- Won the Third Prize in Inter-College Cultural Dance Competition held on the 3rd October, 2011 organized by Mizo Zirlai Pawl and Department of Art & Culture, Government of Mizoram.

State Level

1 st position in Cultural dance in CATC 2014
Best in drill SW/SD in CATC 2014
1 st prize in Republic Day Unarmed Contingent Parade 2015

National Level Achievements

Cpl.Samsar Chakma was awarded ' Best Cadet in NER Directorate ' in Republic Day Camp, New Delhi, 2015.
Cpl.Samsar Chakma was selected as Guard of Honour in Republic Day Camp, New Delhi, 2015.
UO Lucy R. Lalrinpuii was selected to participate in NCC RD parade on Rajpath, Delhi, 2015.
SUO Gracy V. L. Chhuanawmi attended OTA (Chennai) in (2015).
UO Clement Lalchhuanmawia and Sgt. Eric Boiremsanga attended OTA (Kamti) in 2015.
1 st Position in Tug of War in NIC- Meerut in 2015.
UO Ramdinthara got Gold medal in .22 Rifle Shooting in All India Thal Sainik Camp (2014).
UO Eddie Lallawmsanga attended All India Vayu Ssainik Camp at Bangalore in 2014. He is the only and the first ever to attend the camp from NE India.
Sgt C. Lalrinhlui selected to participate in NCC RD parade on Rajpath, Delhi, 2013.
1 st position in Cultural dance in NIC- Punjab, 2013.
2 nd position in Volley ball in NIC- Punjab, 2013.
2 nd position in Volley ball (Women) in NIC-Amritsar 2013.
1 st Position in Group Singing NIC-Amritsar 2013.
2 nd position in Tug of War in NIC-Amritsar 2013
1 st position in Cultural Dance in Amritsar NIC 2012.

Award of NCC Certificate :

Academic Year	'B' Certificate		'C' Certificate	
	Boys	Girls	Boys	Girls
2011 - 2012	8	3	7	4
2012 - 2013	9	14	2	3
2013 - 2014	31	5	0	1
2014 - 2015	13	14	10	3

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

Feedback details

1	Informal Feedback	Verbal feedback is collected by the departments and secretaries of different cells and committees. The Principal also collects feedback from the students in his informal as well as formal encounter with the students.
2	Formal Feedback	Feedback on teachers' performance, course completion, physical facility and program is taken using NAAC questionnaire from the students.
3	Grievance Box	Feedback boxes are placed at different locations around the campus and students are encouraged to drop their feedbacks on matters relating to their well being in terms of campus life, course completions, bus services, infrastructure maintenance etc
4	Personal Feedback	Students personally share their problems with their respective teachers and separate counseling sessions are held every month.
5	Parents Feedback	PTA meeting is convened every semester and parents and local guardians are requested to give their feedbacks either verbally or in a written format.
6	Alumni	Feedback is taken from members of the alumni informally during alumni meet and also personally
7	Event Feedback	Feedback is taken after every event organized in the college (workshops, seminars, conferences etc)

The feedback that is gathered is hence compiled and forwarded by the IQAC and necessary steps are taken for the holistic and quality development and enhancement of the college.

Feedback is also taken from former students of the college informally through social media such as *facebook* and *whatsapp*. The college maintains its own *pages* and *groups* where former students are given a platform to give feedback on their progress after leaving the college.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions

The students are encouraged to contribute articles to various college publications. This gives them an opportunity to enhance their creative and writing skills. The list of publications includes:

1. **Buannel:** This is the college's official magazine and it has been published since the inception of the college. Articles are contributed by the teaching staff and the students.
2. **Campus Talk (SU Voice):** This is the official organ of the Students' Union which is published twice a semester.
3. **EU Newsletter:** This publication is solely for the Evangelical Union (EU) of the college. The EU gives out their programs and schedules as well as testimonies and sermons collected from members of the EU or sometimes requested from prominent leaders of various churches of the state.

Departmental Newsletters:

Several departments of the college have their own departmental newsletter. These newsletters are solely looked after by students of the department forming their own Editorial Board. The departmental newsletters are:

- | | |
|---------------------------|-----------------------------------|
| 1. PUCCOM | - Department of Commerce |
| 2. Ceteris paribus | - Department of Economics |
| 3. Ngirtling | - Department of Mizo |
| 4. Puakzo | - Department of Political Science |
| 5. Lebensraum | - Department of Geography |

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding Selection

The college has a Students' Union which is governed by the university statutes. The elections are held by ballot in accordance with the system of simple majority votes. The Students' Union has no political affiliation. Every student on the roll of the college has the right to vote in the election of Students' Union and class representatives. A candidate contesting the election must be a regular student of the college. Details regarding the Students' Union are given in the College calendar.

Constitution

The functioning and activities of the Students' Union are under the guidance of the Principal, Vice-Principal and faculty representatives. The Students' Union comprises of

- a. Vice President
- b. General Secretary
- c. Assistant General Secretary
- d. Cultural Secretary
- e. Common Room Secretary
- f. Debating Secretary
- g. Games & Sport Secretary
- h. Magazine Editor
- i. Class Representatives

In addition, Class Representatives are elected who function as the representatives of the students of this college at the affiliating University and at the state and city level students' union.

Activities of the Students' Union

The Students' Union takes the lead in extra-curricular activities in the college. It also organises Teachers' Day, Solo and Beat Contest and a Sports Meet. These activities promote students' talent, creativity and skills at shouldering responsibilities, planning, organizing, and maintaining discipline, spirit of co-operation and competition, money management and accountability.

Funding

The institution promotes the activities of the Students' Union. The Union raises additional funds, if required, through sponsors.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

The academic and administrative bodies that have student representatives on them are as follows:

- (1) The Students' Union
- (2) Students Welfare Committee
- (3) Discipline and Campus Management Committee
- (4) Cleanliness and Beautification Committee

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

Pachhunga University College has a very good Alumni Association. Members of the alumni take active part in many activities and functions of the college such as the college week and cultural day functions. They are also invited to deliver motivational speeches and special talks to the students. Alumni members also occasionally visit the college batch-wise, and some batches have initiated programs like tree planting session, and also donated money for science proficiency award from 2015 onwards.

Former teachers and staff are also invited on special occasions for felicitation or for special talks or lectures.

Former students, staff and alumni members are also kept in the loop through social networking.

Any other relevant information regarding Student Support and Progression which the college would like to include :

The college provides free admission to economically backward students. Some faculty members support students who are in need of financial help. Many departments have departmental awards, and the faculty contributed to provide financial assistance to economically challenged students joining higher studies. The Principal also provides financial support to an economically backward village student.

CRITERION VI GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 INSTITUTIONAL VISION AND LEADERSHIP

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

Motto: Learning and Service

VISION

- *To achieve excellence in teaching, learning, research, and leadership in service and community services.*
- *To be the preeminent centre of scholarship in higher education at the post-graduate, doctoral and post-doctoral levels.*
- *To establish a reputable research center for investigating local, national and international issues.*
- *To improve the infrastructural facilities to attain national standard.*

MISSION AND OBJECTIVES

- *The college motto "Learning and Service" is the guiding beacon of our endeavor in striving for academic excellence in higher education and humanitarian services.*
- *To impart quality knowledge through effective teaching and to produce competent graduates in arts, science and commerce.*
- *To enhance the commitment of the faculty by strengthening the facilities, thereby promoting a distinguished academic environment.*
- *To work for the improvement of the society through social services and other extension programs.*

The college achieves its vision by pursuing to be a centre of excellence in terms of academic result, research and community services.

Academic: The Academic result of the college in the past 5 years is one of the best within the state of Mizoram. The college has the highest number of students in the MZU undergraduate examination top 10 rank holders, the highest number of first divisioners.

Research: The college is the only college in Mizoram having research centre with instrumentation facility. The college is arguably the only college where faculty members are actively involved in major research. There are full time Ph.D. scholars in the college, who are pursuing their research works under the guidance of the faculty members. Furthermore, the college is also the only educational institute in Mizoram hosting Women Scientist under DST. This indicates the growth and status of research in the college. The college faculties discover new species of fish and other organisms which were published in international journals. The college also pursues research in communicable disease (Malaria) and it is the first institution to diagnose the occurrence of *Japanese encephalitis* infection in Mizoram.

Leadership: The college is one of the few colleges in Mizoram having a UGC qualified permanent principal recruited as per UGC recruitment rules. The principal is the only principal in Mizoram colleges actively involved in research activities and completed major and minor research projects. The college is also the first college in Mizoram to have a full fledged professor.

Community service: The college offers various community services through NCC, NSS, Red Ribbon Club, etc. The college is the first and only educational institute in Mizoram that takes up village adoption program. This service to the community is in fact acknowledged by the Government of Mizoram.

Scholarship: Various scholarship schemes are available in the college. Government sponsored scholarships like Ishan Uday (UGC), BPL scholarship (UGC), tribal scholarship (Ministry of Tribal affairs), science merit scholarship (Govt. of Mizoram), Institute/private funded sponsorships including Sitaram Jindal foundation scholarship for rural meritorious students, Dr. H. Lallungmuana proficiency award for science student with highest mark in the university exam, Mr. H.K. Bawichhuaka proficiency award for arts student with highest mark in the university exam, Sunflower Electronics (SELZ) merit award, Zoram Educational Trust (ZET) award in Physics and departmental awards.

Post Graduate, Doctoral and Post Doctoral studies: The college has applied to the parent university. The college teachers association (PUCTA) along with the local leaders, the MLAs (Member of Legislative Assembly) again makes a representation in 2015, which is still under process. The college faculty serves as a joint/co-supervisor to students pursuing their doctoral studies in Mizoram University. Application for fulltime supervisor ship status is submitted to the parent university.

Infrastructure: The college is able to provide national level educational infrastructure to students. It is also the only college having both Boys and Girls hostel. The college campus is the largest campus amongst all colleges in Mizoram.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality, policy and plans?

The Principal is the head of the institution and he supervises all administrative and management works in the college. He is the chairman of most of the committees under the college. The principal is a co-opted member of the Academic Council and Executive Council of the university. He presents the college requirements in such committees. The principal is also a member of selection committee for recruitment of teaching and non- teaching staff in the college.

The principal efficiently plan and implement activities of the college through proper distribution of works amongst teaching and non teaching staff. The principal forms various committees for the management of the college. Teaching and non teaching staff are appointed as members in various committees based on their experience and knowhow. The delegation of powers through committees ensure the active participation of the staff in the college administration and it creates sense of ownership amongst all sections of employees.

Faculty involvement in the college management is mainly through their participation in various committees, as faculty in-charge in , students union, students houses, etc. The Principal looks after the functioning of these bodies.

6.1.3 What is the involvement of the leadership in ensuring:

- the policy statements and action plans for fulfillment of the stated mission
 - formulation of action plans for all operations and incorporation of the same into the institutional strategic plan
 - interaction with stakeholders
 - proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders
 - reinforcing the culture of excellence
 - champion organizational change
-
- The principal regularly organizes staff meetings to inspire teaching and non teaching staff.
 - Transparency in financial management is maintained. Action plans are formulated during departmental and college faculty meetings. The plans proposed in such meetings are incorporated in the academic calendar and implemented.
 - The principal organizes departmental visits to inspire and acknowledge the contribution of faculties.
 - The principal introduces tutor-ward system and incorporate Co-curricular Activities in the academic routine.
 - The principal organizes social and administrative guidance programme among non teaching staff in the college.
 - Career and counseling courses are conducted under principal's leadership.
 - Under the current principal, there is a significant improvement in the college academic results.
 - The principal delegates administration in the form of committees.
 - The principal advocates punctuality. He himself reaches the college on time.
 - The principal conducts interaction with students to get their feedback regarding teacher's performances and to know their problems.
 - The principal conducts regular faculty meetings, school-wise and departmental head meetings.
 - The college administration provides funds to teachers for purchasing books for academic and research purposes.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- Through college advisory board.
- Through academic committee (all head of departments).
- Through IQAC.
- Through faculty meetings.
- Through various committees in the college.
- Through departmental committees.
- Through non teaching staff meetings.
- Through students union and clubs.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The Principal is the head of the college and is in charge of all administrative and management works. The principal delegates the academic leadership through:

- Academic committee comprising all head of departments.
- All Faculty meetings.
- Principal and departmental faculty meetings.

6.1.6 How does the college groom leadership at various levels?**Faculty:**

- All faculty members are appointed in at least one of the committees of the college.
- Faculty members are appointed as coordinators of various programmes under the leadership and guidance of principal, vice principal and senior faculties.
- Faculty members are given responsibility in organizing college function.
- Faculty members are appointed as in charge in students union.
- Faculty members are given freedom to organize special programme like special talks, invited lecture, training, etc., inside the campus.
- Faculty members are given provision to participate in leadership training, consultancy service, community service, etc.
- Guest faculty members are given roles in various college functions so as to integrate them into the college fraternity.

Students:

- The college has an active students union body. Each department of the student's union such as- Games and sports, Debating, Cultural, common rooms *etc.* has their teacher in charge to guide them in making decision and implementation of their programs and activities.
- Various clubs in the college functions under the leadership of one of the elected students union leaders.
- Each class has their own class representatives, who represent their respective class in the student's body meeting.
- Tutor ward system and counseling are organized.
- Students are given responsibility to organize various departmental activities including teacher's day function and felicitation function for outgoing students.
- The college involves students union leaders in organizing various college functions.
- Students union leaders in consultation with the principal and faculty i/c organizes college week every year.
- Students are given active role in various students' exposure programs such as study tour, institutional visits, etc.
- Students are divided into four houses. By making an award for best performing house, students are encouraged to participate in various college co-curricular activities.
- Students are encouraged to actively involved in NCC, NSS, Red Ribbon Club, Adventure Club, etc.

Administrative/Supporting Staff:

- The principal regularly organizes meeting with administrative staff to motivate them and also to create efficient administrative system.
- The leaders of Non Teaching Staff Association are involved in college decision making and are members in various committees.
- Spiritual and mental guidance are regularly organized with the help of professionals.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

- The head of departments are authorized to perform various administrative duties in the concerned departments.
- The department, under the leadership of the concerned head of department is responsible for making academic plans and monitoring of all departmental activities.
- The departments are responsible for identifying and demanding all their requirements such as books, equipments, consumables, teaching aids etc.
- The departments are given authority to organize training, special talks, invited lecture, seminars, tours, etc., in consultation with the principal.
- The departments formulate and execute their own teaching plans.
- The departments are given freedom to conduct quiz, assignments, unit test, etc., at their own convenience.
- All internal marks, attendances and class performances marks of students are compiled by the department.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes,

- The college IQAC has a representative from various sections of stakeholders.
- The college management board includes members from outside college and from Mizoram University.
- The college building committee consists of members from teaching and non teaching staff of the college, engineers and members form State government and Mizoram University.
- Alumni association members are appointed as members in various committees in the college.

6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT**6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Yes, the college has formally stated quality policy, which is in the college motto, "Learning and Service". The college integrates the idea of community service while learning. The vision of the pioneers of the college is embedded in the culture of the college fraternity. The college serves as a model for community development in Mizoram. The college has initiated village adoption program, which serves as a role

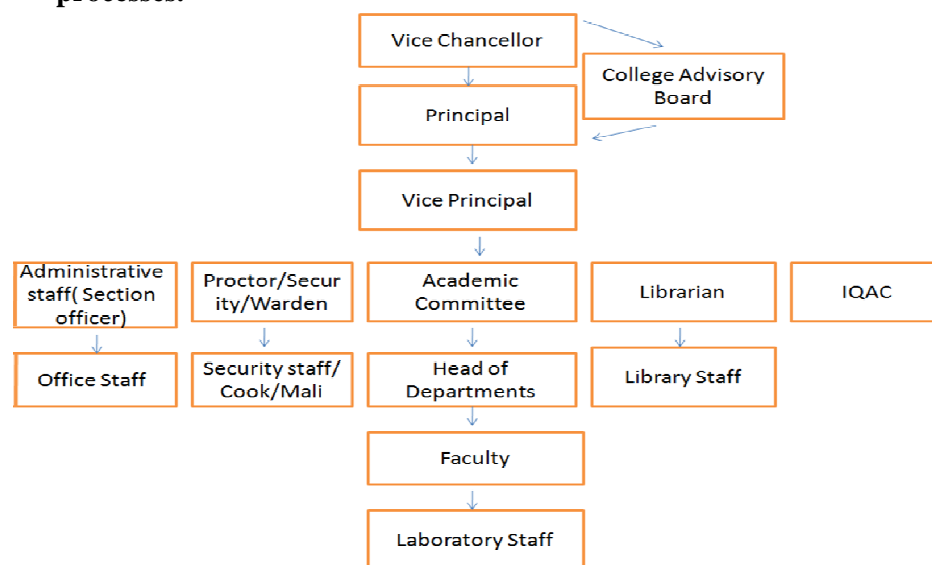
model for other institutions including Mizoram University. The college NSS receives awards for voluntary blood donation, which is now becoming one of the features of the college annual activity. The college students also take their own initiative in community service through various clubs such as adventure club, red ribbon club, evangelical union, etc.

IQAC plays an important role in the deployment and review of the college policy and sustenance of quality education. The departmental performances are reviewed through Departmental Annual Report and annual review meetings.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

- The college has a master plan for infrastructure development.
- The college plans to open PG courses in various streams of studies.
- The college plans to become a centre of excellence in academic results and aims at achieving all students passing in 1st division and above.
- The college applied for College with potential for excellence under UGC.
- The college plans to be one of the hub for research within the state of Mizoram.
- The college plans to become the best college in community service amongst educational institutions in Mizoram.
- The college plans to become the centre of learning in terms of employment generation through skill development and campus placements.
- The college plans to become a one of the centre for education rural and backward students by providing a good residential facilities.
- The college plan to become a cultural centre.
- The college has advisory committee to advise the college on various matters.
- The college proposed its forest campus for the establishment of **City Forest** under the newly introduced "Nagar Van Udyan Yojana" .

6.2.3 Describe the internal organizational structure and decision making processes.



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

- **Teaching & Learning**

Teaching & learning process is facilitated through audio & visual aids (LCD projector, microphone, etc.), quizzes, mentor system, tutor ward system, study tours, unit tests, invited lectures, co-curricular activities and study materials.

- **Research & Development**

- Faculty members without doctoral degree are encouraged to pursue further studies to obtain M.Phil. and Ph.D. degrees.
- Faculty members apply for research project from various funding agencies.
- Research collaboration with local and national institutes is encouraged.
- Research scholars and scientists are invited for training and mentoring.
- Women scientist under DST is attached in the college
- Regular Ph. D. students are working at the campus.
- The college maintains separate research and instrumentation centre.
- Actively functioning research monitoring and mentoring system.

- **Community Engagement**

- The college adopts Phulpui village for community service.
- The college organizes ecological conservation awareness seminar for local community.
- The college conducts community college scheme.
- Collaboration with local NGO in seminars, workshops and talks.
- Community service through blood donation.
- Active NSS unit for community service.
- Involves community leaders in planning process.

- **Human Resource Management**

The college has separate career guidance & counselling cell. With the initiatives of these cells, career guidance and counselling programme are organized regularly by inviting resource persons from state youth commission and other professional bodies. Through mentoring and tutor ward system, students in each department are divided into groups and these groups are assigned one faculty, who meets the students in his group regularly to address various issues and problems faced by the students. Faculty performance appraisal by students, staff welfare schemes and associations, viz., MTWC, PUCTA, NTSA, PUCMULCOS, etc., are also a part of HRM.

- **Industry Interaction**

The college regularly hosts invited talks by inviting speakers from various professional fields. These professionals share their experiences and motivate students to become entrepreneurs. The college also organizes student visits to industries within and outside Mizoram as and when the opportunity arises. The college endeavours to generate more number of professionals by introducing certificate courses in pisciculture and mushroom culture (UGC sponsored).

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- Through college advisory board.
- Through IQAC annual performance review committee.
- Through Mizoram University annual report.
- Through PTA (Parents Teacher Association) meeting.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Faculties are appointed as members of various academic and co-curricular committees. College teaching staff association (PUCTA) and non-teaching staff association (NTSA) advise the principal on several administrative and college development issues. Meetings of the faculties and non-teaching staff are regularly held to address various issues in the college. Suggestions made at these meetings are implemented. Staff members are entrusted with different tasks in institutional processes including admissions, examinations, internal examination results, and cultural activities.

6.2.7 Resolutions Made by the Management Council and Implementation:

- Celebration of cultural day.
- Organization of more numbers of seminars, workshops and conferences.
- Village adoption.
- Construction of language laboratory.
- Construction of Research and Instrumentation Centre.
- Setting up of Departments of Biotechnology and Environmental Science.
- Construction of more hostels.
- Renovation of classroom infrastructure.
- Renovation and beautification of campus.

The above resolutions have been implemented successfully. The college has hosted several seminars, workshops and conferences at the state and national level. Cultural day is now organized once a year and it has been successful in inculcating the traditions and cultural values to the college fraternity and the Mizo community as a whole. Language laboratory and Research Instrumentation Centre are now utilized. The newly established Department of Biotechnology and Environmental Science has now serves as the feeder degree course for P.G. course in Mizoram University.

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

There is no provision of autonomy from the University.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

The college has constituted the following committees/cells for grievances/complaints:

1. Grievances & Redressal Cell
2. Anti-ragging squad
3. Academic committee
4. Women cell
5. Gender champion club

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute ? Provide details on the issues and decisions of the courts on these?:

There are no ongoing court cases at present.

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Yes, the college have a mechanism for analyzing student feedback. The college implements student feedback system in which the students are provided feedback form every year. By filling up the feedback form, students submit their evaluation of the performance of their teachers. The student's feedbacks are analyzed by IQAC. All faculty members are given score according to student's feedback, which helps in improvement of their performance. In addition, students complain boxes are placed in some of the buildings. These complain boxes are regularly monitored.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

Teaching Staff:

Faculty members are encouraged to undertake research works. Study leave to pursue M.Phil/Ph.D. degree is swiftly granted by the university. Faculty members are encouraged to present research papers in national and international seminars and workshops. The parent university is able to provide financial assistance for such activities. Faculty members are also encouraged to participate in various UGC sponsored training and development courses, viz., orientation course, refresher course, short term course, etc.

Non Teaching Staff:

Non-teaching staff members are motivated to improve in their professional duties by creating a good working environment in the campus and also by organizing meetings with administrative head and the teaching staff association leaders. They are encouraged to attend training courses conducted by the university as well as the state government agencies.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

The principal organizes 'Meet the Principal Programme' for each department in every semester. In such meetings, the principal highlights the recent progress of the department in their student's performance and reminds them of their responsibility in building their students career. He praises the faculty members on their performances and also encourages them to work harder to achieve the college target of graduating all students with 1st class. The principal inspires the faculty members to take up research project from UGC and other funding agencies. Academic achievements of the faculty members including Ph.D. degree, research projects, research paper publications, etc., are highlighted in staff meetings to encourage such activities.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The college implements Performance Based Appraisal System (PBAS) of UGC for teaching faculties and Asst. librarian. The non teaching staff are accessed through Annual Confidential Report system.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

The PBAS and ACR system of appraisal are utilized by the university for service confirmation and promotion through Career Advancement Scheme (CAS) or otherwise. The outcome of the assessment are communicated through letters from the concerned authority.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

- Group Insurance Scheme.
- Home Travel Concession.
- Leave Travel Concession.
- Medical Reimbursement.
- University doctor's visit and free medical facility.
- Children Educational Allowance.
- PUC MULCOS.
- Pension scheme as per central government rules.

All the teaching and non teaching staff eligible for the above schemes availed the benefits.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Faculty recruitment is done by Mizoram University as per UGC guidelines. Faculty retention rate is very high in spite of the remoteness of the location.

6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

- IQAC annual review meeting (Principal report).
- Annual financial audit.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

External audit is conducted annually by registered chartered accountant. This audited statement is reported to the University.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The major sources of funding are:

1. Financial allocation from Mizoram University.
2. Funding from UGC, DBT, and DST through various schemes.
3. Funds generated during college admission and other income generated by the college.

Financial statement of PUC (Audit statement available at Finance section)

2011-2012	Income	14, 86, 16, 750.00
	Expenditure	12, 79, 39, 502.00
2012-2013	Income	15, 85, 29, 774.00
	Expenditure	15, 20, 21, 794.00
2013-2014	Income	16, 37, 51, 426.00
	Expenditure	16, 85, 15, 036.00
2014-2015	Income	18, 25, 31, 771.04
	Expenditure	19, 27, 65, 267.43

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

- Minor Research Projects from UGC.
- Major Research Projects from UGC.
- Development grants from UGC.
- Fund form DBT under infrastructure development scheme.

- Fund received from DBT through Star College Scheme.
- Fund received from UGC under infrastructure development scheme.
- Fund received from Ministry of Tribal Affairs under infrastructure development scheme:

6.5 INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC):

- (a) a. **Has the institution established an Internal Quality Assurance Cell (IQAC)? .6 If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes. The college has functioning IQAC, which monitors and records all activities of the college to ensure improvement of academic and administrative performances. IQAC makes annual plan layout for the college in infrastructure development, academic and co-curricular activities. IQAC provides a foundation for the system adopted by the college including admission system, exposure programmes, research projects, organization of seminars and workshops. IQAC also establishes a good framework for departmental annual report and result analysis systems.

- (b) **How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?**

IQAC PLAN 2011-12

- To improve and renovate existing infrastructure
- Approved and implemented
- To impart IT and computer knowledge to teaching and non-teaching staff.
- Approved and partially implemented
- To encourage teachers to take up research activities.
- Approved and implemented
- To organize more number of seminars - College, state and national level. - Approved and implemented
- To pursue academic excellence in various branches.
- Approved and implemented

IQAC PLAN 2012-13

- To renovate classrooms.
- Approved and implemented
- To create visual information displaying examination system (internal and external), attendance requirements, grievances & redressal system, anti-ragging, occurrence of women cell, etc.
- Approved and implemented
- To exempt semester fee to those students with good performance in sports during college week (Best boy and best girl).
- Approved and implemented

- To reallocate class rooms and faculty rooms. The reallocation is intended to put the department faculty room and the class room closer, which is expected to help in better implementation of tutor-ward system.
- Approved and implemented
- To create language laboratory.
- Approved and implemented
- To create better record keeping system and to introduce presentation of departmental activities by HOD at the end of the year.
- Approved and implemented
- To introduce more students exposure programmes in the form of study tours, laboratory and industry visits, etc.
- Approved and implemented
- To adopt village for academic purpose and to serves the community.
- Approved and implemented
- To start finishing school.
- Approved and implemented
- To impart IT knowledge to students.
- Approved and implemented
- To set up departmental awards.
- Approved and implemented
- To prepare cleanliness rules.
- Approved and implemented
- To improve implementation of IT based teaching.
- Approved and implemented
- To provide internet and DTP training to non-teaching staff.
- Approved and implemented
- To organize 'one day orientation training' for all teachers at the beginning of academic session.
- Approved and implemented
- To introduce non-teaching staff performance report and half yearly meeting.
- Approved and implemented
- To introduce training of accounting system for Finance staff once in a year.
- Approved and implemented

IQAC PLAN- 2013-14

- To introduce special lecture and invited talks on career guidance & counseling in the months of June, July, August, September, November, February & March.
- Approved and implemented
- To introduce new graduate degree course in Hindi and mass communication.
- Not approved by the university.
- To introduce value added course.
- Approved but not implemented due to lack of funding from UGC.
- To organize faculty competency and development programmes such as
 - Faculty training in ICT enabled teaching & learning
- Approved and implemented with the help of IT & Website Committee.
 - Research sensitization programme.
- Approved and implemented with the help of Project Committee.

- To organize staff development programmes such as
 - Staff training in DTP
 - Approved and but not implemented
 - Library staff training in Automation.
 - Approved and implemented with the help of library committee.
- To set up student mentoring programmes such as
 - Career counseling in the department
 - Approved and implemented
 - Faculty assignment in mentoring system
 - Approved and implemented
- To introduce new co-curricular activities such as
 - Continuation and improvement of college tour.
 - Approved and implemented.
 - Organizing local study tours.
 - Approved and implemented.
- To encourage inter departmental activities.
 - Organization of seminars, workshops, symposia, etc.
 - Approved and implemented with the help of project committee.
 - Edufest
 - Approved but not implemented
 - Community extension programmes.
 - Approved and implemented.
- To set up village adoption scheme.
 - Approved and implemented

IQAC PLAN- 2013-14

- To form PTA in each department.
 - Approved and implemented
- To discuss MZU U.G. syllabus.
 - Approved and implemented
- To renovate science building class rooms and laboratories.
 - Approved and implemented
- To improve internet connectivity.
 - Approved and implemented
- To organize career oriented programme
 - Approved but not implemented
- To organize community outreach programme.
 - Approved and implemented
- To strengthen career guidance and placement cell.
 - Approved and implemented
- To introduce library automation.
 - Approved and implemented
- To create students database
 - Approved and implemented
- To strengthen record keeping system.
 - Approved and implemented

(c) External members on IQAC committee

1. Prof. Margaret Ch. Zama - Mizoram University and former Director IQAC, Mizoram University
2. Mr. Rualkhuma Hmar, Advocate and local community representative.

(d) Students and Alumni Contribution to IQAC

Students Union Vice President is co-opted member of IQAC. He is consulted as and when it is necessary in matters that are related with the purview of the student's body. Alumni are also involved in IQAC by appointing the secretary of alumni association as a co-opted member.

(e) Communication of Staff with IQAC

The chairman of IQAC, the college principal communicates most of the decisions of IQAC to the faculty members at the staff meetings. Departmental IQAC i/c is appointed by every department among the department faculty members. The IQAC communicates its requirements from the department through the respective department IQAC i/c, who are responsible for compiling and submitting various departmental reports/ records to the cell.

6.5.2 Framework for Quality Assurance:

The college IQAC consists of:

Chairman	: Principal
Coordinator	: one faculty
Asst Coordinator	: one faculty
Office assistant	: two multi-tasking staff
Members	: Five teaching faculty members from the college and two outside members, Prof. Margaret Ch. Zama and Mr. Rualkhuma Hmar.
Co-opted members	: Vice Principal, PUCTA President, Asst. Librarian, Vice President Students Union, and Alumni Association Secretary.

The departmental IQAC coordinators/ in charge are also consulted whenever necessary.

6.5.3 Training of the Staff for Effective Implementation of the Quality

IQAC organizes training sessions for departmental IQAC coordinators. In such trainings, the departmental co-coordinators are given necessary skills for faculty assessment, annual report writing and departmental website maintenance

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

The college has internal audit system through departmental SWOC analysis. The college also reviews its performance in university examination through IQAC result analysis. External audit is done in the annual review meeting of IQAC.

6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

IQAC submits its annual report to external agencies such as NAAC and Mizoram University. The internal quality assurance mechanism is updated to the requirement of the college and external regulatory authorities.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- Faculty performance appraisal by students. Students evaluate their teachers at the end of each academic year through the IQAC initiated students' feedback form.
- Academic committee plans the college annual calendar and printed in the syllabus.
- Students counseling and CCA are introduced in the academic routine.
- Classrooms are equipped with visual and audio devices.
- Laboratory facilities are upgraded.
- IT infrastructures are maintained and upgraded.
- Preparation of teaching plan by faculties. Faculties are required to prepare their own teaching plan, which is reviewed and approved by HODs and Vice Principal.
- Submission of syllabus completion report.
- Submission of departmental annual report (DAR) and departmental monthly report (DMR).
- Visits of teaching classes by the Vice Principal.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The activities and achievements of the college are conveyed in the internal quality assurance committee annual review meetings. The IQAC annual review meeting is also held with all the stakeholders of the committee. Policies and other necessary information are included in the college prospectus and also in the college website. Meetings of the Parent-Teacher Association, Alumni Association and Students Council are also utilized to communicate the policies of the college.

Other Relevant Information:

The college administration and IQAC plays an important role in the quality assurance system. The introduction of departmental IQAC coordinators, department monthly report and departmental annual report systems provides a good mechanism for record keeping and assessment of departmental performances.

**CRITERION VII
INNOVATIONS AND BEST PRACTICES**

7.1 ENVIRONMENT CONSCIOUSNESS

Pachhunga University College is well known for its environmental concern. The college strives to create an eco-friendly green campus. About 65 per cent of the college campus is covered by trees. Equipments with five star ratings only are purchased; rain water harvesting system is also implemented. Environmental audit of the campus has also been conducted. Seminars, talks and awareness drives have been conducted to create environmental consciousness among students and society.

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

The Department of Botany has documented trees and plants on the campus. There are 300 tree species, 120 shrubs, 290 herbs and 50 climbers and twines some of which are lowering, fruit-bearing and medicinal nature.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- On Energy Conservation:
 - The college encourages the use of CFL bulbs.
 - Purchase of electrical/electronic equipments with five star rating.
 - Switching off ACs, lights, fans, computers, L.C.D.s when not required and not in use.
- On Renewable Energy:
 - The college has a 10 KVA solar power system.
 - The college have 20 KVA Online UPS
- On Water Harvesting:
 - The college has a 2.4 lakhs litre water tank for rain water harvesting.
 - Rain water harvesting system in many buildings.
- Carbon Neutrality and Plantation:
 - Nurturing of greenery on the campus.
 - The tree plantation program on campus has contributed towards pollution free air and reduction in environmental hazards.
 - Students' involvement in environment clean-up.
 - 'Litter free' drive is undertaken.
 - Use of paper is reduced. Efforts are being made to make administration, the teaching-learning process, admissions, results, feedbacks and submissions of attendance online. Teachers submit soft copies of examination question papers. Students are encouraged to submit soft copies of their information and data.
- Hazardous Waste Management:
 - The IBT Hub and Dept. of Biotechnology disposes off the microbial cultures and media only after auto cleaving them to ensure 100 percent safety. Replacement of Ethidium Bromide (EtBr) carcinogenic agent for DNA staining with cyber green DNA gel stain.
- E-Waste Management:
 - The e-wastes are given for recycling through scrap material procurement agencies.

- Wealth from Waste:
 - News papers, waste papers, old paper wastes are recycled through scrap material procurement agencies.
- Plantation and conservation:
 - Proper care of the gardens and plantations across the campus is taken.
 - Plantation of ornamental and fruit bearing plants.
 - Growing of medicinal plants.
 - Plantation of trees by alumni.
 - Conserving the available forest in collaboration with local community and State Government.

7.2 INNOVATIONS

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

The college has introduced various innovations that have shown a positive impact on the functioning of the college.

1. **Room rearrangement:** Room re-arrangements are made to be more student centric. Departmental faculty rooms have been re-organized for better student-teacher interactions. Every department faculty rooms are placed adjacent to their Core students for easy access, better interaction, counseling and consultation.
2. **LCD Projector and laptops for innovative teaching methods:** Pachhunga University College has started using LCD projectors from the year 2007. Initially, seven laptops and LCD projector were procured from FIST fund sponsored by Department of Science and Technology (DST) Govt. of India. In 2011-12 session laptops and projectors were distributed to each departments with funds from University Grants Commission (UGC –NERO). Twenty classrooms, i.e. 100 % have ceiling mounted LCD projectors.
3. **Internet for students:** PUC has internal local area networks (LAN). The college has 100 MBPS internet connection through National Informatics Centre(NIC-NET) using fibre optics. The available internet protocol for the college is, however, limited to 100 PC i.e @ 1mbps/pc. The college has one Internet Resource Centre (IRC) funded by UGC and Department of Science and Technology, New Delhi. There are 20 PCs with internet connection and one printer available for students, accessible free of cost during working hours. The college also offers five free wireless internet hotspots at three selected places inside the campus. ICT based studies conducted, includes Certificate Course in Computer Applications and BPO training for hostel students, teaching internet browsing and PowerPoint presentation for assignment presentation.
4. **Training of faculty members on ICT:** The college conducts training on ICT enabled training for senior faculty members. Senior teachers are trained to handle modern teaching tools called “Modern Teaching Techniques”. The course was coordinated by Dr. Lalramliana, Asst. Prof., Dept. of Zoology for a period of five months, i.e. from August to December 2012. One day training on web based technology was conducted for all departmental coordinators in 2012. Training of Departmental IQAC coordinators on web based learning and

website maintenance are also conducted. Training on how to use projectors and PowerPoint are also conducted.

5. **Web based learning:** The college website was officially launched in 2008. All departments are assigned a separate e-mail and departmental website in 2012. The website has a fixed structure and function so that departments can customize their own website pages. Under these sites, many departments have uploaded their classroom materials and question banks so that students can access learning materials on their websites.
6. **Students' database:** The college has a separate students' database which can be accessed through local area network. The system is designed especially for the semester system students. This database is the first of its kind created among colleges within Mizoram.
7. **IT infrastructure Laboratory:** The college has four computer laboratory apart from Internet Resource Centre:
 - a) Computer Laboratory (Physical Science Building) : 20 PC
 - b) Language Laboratory (Academic block 4) : 32 PC
 - c) GIS laboratory (Geography Department) : 06 PC
 - d) GIS Laboratory (Geology Department) : 06 PC
8. **Wi-Fi Internet:** The College has Wi-Fi internet connection at every buildings and departments. There are five free Wi-Fi zones for students. Wi-Fi internet is also available for faculty and staff. It is the first college in Mizoram to offer free Wi-Fi to students which was started in 2008.
9. **Add-on courses:** The college conducts add-on courses for students such as:
 - a) UGC Sponsored Coaching for entry into civil services.
 - b) Certificate Course in Computer Application.
 - c) College Sponsored Finishing School for graduating students.
 - d) UGC Sponsored Certificate Course in Pisciculture.
 - e) UGC Sponsored Certificate Course in Human Rights.
 - f) College Sponsored Certificate Course in Humanities.
 - g) UGC Sponsored Community College in Mushroom Culture.
10. **Village Adoption:** The College adopts Phulpui village, 40-50 Kms from Aizawl. This provides good opportunity for faculty members and students to perform societal contribution. Students and faculty members' work together to disseminate knowledge and improve the livelihood of the local community. A book called "Phulpui" was published in December 2014.
11. **Teaching and Learning System:** The college is a student's centric college and adopts lecture method of teaching. Some innovations are:
 - a) Use of visual media and academic film shows.
 - b) Use of PowerPoint presentation in departmental seminars.
 - c) Invited lecture method.
 - d) On the spot lecture on some historical and political importance.
 - e) Witnessing State Legislative Assembly sessions.
12. **Student's-Faculty Assessment:** Student from each department assesses their faculty members in an 11 point assessment system conducted by IQAC. Each faculty is presented assessment results with their respective score mentioning their weakness and strength for improvement.
13. **Departmental Monthly Reports and Annual Reports:** Each department submits their monthly activities and annual reports in a pre-formatted system.

14. **Study Tours:** The college organizes study tour for students inside and outside the state. Some annual features are:
- a) **General study tour:** Every year sixty students escorted by four faculty members in two batches are provided study tour outside the state mainly Delhi and Kolkata to visit historical places and academic institutes.
 - b) **Departmental tour:** Many departments visited good academic institutes outside the state. Joint seminars and student exchange programs are conducted by departments.
 - c) **Departmental study tour inside state:** This is an important feature of the college activity where students travel to important academic sites like historical places, national parks and sanctuaries where on the spot lectures are organized.
15. **Extension Programs:** Many departments in Science subjects organizes extension program in the form of institutional visit and special lectures to selected schools. The college also organizes extension activities to rural colleges.
16. **Research monitoring and sensitization:** The college project committee have organized research mentoring, monitoring and sensitization programme to monitor the progress report of ongoing projects, to provide mentoring through presentation by project supervisor who completed their research projects. Faculties with good potential for research are invited to attend this programme.
17. **Co curricular Activities:** The college is the first and the only college in Mizoram to introduce CCA class in the academic routine. Every Friday (2 Pm - 4 Pm) is dedicated for such activities. Some common activities are:
- a) **Moral based lecture-** This promotes respect for elders, faculty and senior citizens. Students are taught their role in society, family and institution. The main theme of these lectures is “*To become a better human.*”
 - b) **Students Activities:** CCA program is utilized by students for various clubs and students activities such as: Student Union Programme, NCC, NSS, Red Ribbon Club, Chess Club, Literature Club, Evangelical Union, Cultural Club, Adventure Club, etc. to organize their own programs without disturbing the academic classes.
 - c) **Counseling:** Tutor-ward system is followed in the college. This CCA routine is utilized by faculty members to trace and counsel their wards in terms of their academic performances, daily activities, etc.
 - d) **Cleanliness:** Students clean their own classrooms and surroundings. The main aim of this program is to introduce the sense of ownership among the students.

7.3 BEST PRACTICES

7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

BEST PRACTICE –I

1. TITLE OF THE PRACTICE : STUDENT CENTRIC LEARNING AND MENTORING

2. GOAL – To fulfill the motto of Learning and Service the college give its best effort to be a student centric institution. Curricular transactions, academic programmes and co-curricular activities are planned to meet the requirement of the students. To build an atmosphere of trust and confidentiality between students and teachers. To allow students to share their personal problems regarding their studies, goals and aims. To provide support and guidance towards students. To ensure the academic improvement of the institution as a whole.

Aims and Objectives: -

- To plan curricular transaction and co curricular activities.
- To create infrastructure and facilities for students.
- To monitor the academic/classroom teaching activities of the faculties.
- To provide individual attention
- To improve academic achievements
- To help students realize their potential
- To listen to grievances and problems
- To build an atmosphere of trust
- To build students' confidence towards achieving their goals

3. THE CONTEXT

Students are the first priority in the college which is a student centric centre. Efforts are made by the college administration, faculty and staff to become more student centric.

Youths of today are facing a lot of problems in their personal and academic life. They are standing in a very critical juncture in their life; they find it difficult to make decisions which will benefit their future. Whatever situation they are in, they are in a cross road. The mentoring program addresses all these problems faced by the students, not only their academic problems but their personal problems too.

The role of a college is not only to provide education for students but also to create good academic atmosphere so as to provide great academicians and good citizens in the society. In order to do that the college considers that mentoring program is very important in an institution hence mentoring of the students is implemented in full force.

4. THE PRACTICE

STUDENT CENTRIC LEARNING

The college takes effort to become a student centric centre which is evident in the following procedure:

- The Administration plans the annual calendar and the activities to best suit the requirements of the students.
- Faculty creates lesson plans, work book and execute log book checked by the Principal and Vice Principal. The number of classes taken by each faculty is reflected upon in the Departmental Monthly Report (DMR). The DMR enables the administration to check upon the faculty's performances.
- Physical arrangements are made to be more student centric. Departmental faculty rooms have been re-organized for better student-teacher interactions.
- Internet Resource Centre- The college has a dedicated Internet Resource Centre with 18 internet-enabled PCs, and printing facility. Students can browse the internet, and work on their presentations and assignments. Students are allowed to print their documents free of cost. Free Wi-Fi facilities are made available to the students.
- Creation of computer laboratory, GIS laboratory and Language laboratory.
- The college has installed LCD/LED projector in all classrooms which allows the presentation of text, audio, graphics or video. This is more interesting for the students and improves the likelihood that they will comprehend the lessons.
- Study tours and exposure programmes are organized by the college. The college organizes 28 National/ Regional study tours and 27 study tours/field visit inside state.
- Micro projects are conducted by departments covered by the DBT-STAR College Scheme. These projects are not in the University curricula. These projects are published in journals and seminar proceedings.
- Student's awards are made available to encourage the students in their studies. Proficiency awards, merit awards, departmental awards, student of the year, best boy, best girls etc are awarded to encourage students.
- Students' participation in NSS, NCC, RRC, Adventure clubs, Cultural Clubs etc.

STUDENTS MENTORING

A program coordinator/head of the department makes allotment, allotting a certain number of students to a particular teacher. This forms a mentor - mentee group. Interactive and counseling sessions are fixed at a certain date and time. These interactive and counseling sessions lasts 30 to 45 minutes mostly. All mentors maintain personal files for all their mentees. Mentors are also provided with guidelines for the counseling session. This program is carried out department wise.

Counseling and Interactive Sessions are mostly held under these topics:

- Career Guidance: Students are given career guidance based on their respective chosen subjects. Many students are unaware of the prospects awaiting them from their chosen field of study. Hence, mentors are really instrumental in guiding them towards their future career.

- **Personality Development:** Students lack qualities and confidence necessary to become successful in their future endeavor. Counseling based on personality development is really important in shaping them to be a better person.
- **Social Outreach:** Through the 'Each One Reach One' program, students are given counseling on the importance of reaching out. Every student is encouraged to help others and those in need of help. This is effective in developing them to be better citizens.
- **Academic Excellence:** Counseling sessions are often conducted to review the academic performance of the students of mentee. Weaker students are motivated and given specific instruction on how to develop their academic performances. Results of the mentee are reviewed by the mentor and any student's problems are addressed in these sessions.
- **Problem Solving:** Many students come to their mentors with many different problems concerning their academic life, their social life and sometimes their personal life. Mentors give counseling on how to fix these problems that the mentees are facing in various aspects of their lives.

5. EVIDENCE OF SUCCESS

- The college result has improved. The number of top rank holders, rank holders and pass percentage have tremendously increased.
- The colleges organize more exposure programmes and spend around INR 37 lakhs for students' exposure.
- Student progression is good.
- Students gain a lot of success through this program in their personal, academic life as well as in their career.
- Students learn how to make responsible choices and decisions in their lives.
- Students are better equipped and prepared to face challenges in many aspects of life.
- Changes in behavior and attitude.

ACCRUED BENEFITS

Mentee:

- Students gain a sense of responsibility, increase in awareness and information through counseling sessions and talks.
- Opportunity to speak to one's mentor and seek help, create a sense of belonging, talent display, support network, guidance, advice and counseling.
- Make the mentee realize the importance of responsible living.
- Creates awareness towards the necessity to improve in their academic performance.

Mentor:

- Create an avenue to direct, support and offer help to students thereby fulfilling their role as teachers and guides.
- Creates a better rapport between teachers and students.
- More involvement in student's life.
- Role as advisor on personal and academic issues.
- Creates the need to be a good role model.

College:

- Inculcates a spirit of discipline and responsibility.
- Creates a better environment between students and teachers.
- Enhances cooperation for smooth functioning of the institution.
- Enhances overall academic performance of the institution.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED AND OBSTACLES FACED

- Acquiring sufficient funding for student exposure.
- Time constraint
- Insufficient professional training

RESOURCES REQUIRED

Mentoring is an important task which requires:

- Funds for organizing exposure programme.
- Investment of quality time and effort with students
- Continuous involvement
- Training for mentors
- Experts/resource persons

7. CONTACT DETAILS

Name of the Principal	: Dr. Tawnenga
Name of the Institution	: Pachhunga University College
City	: Aizawl
Pin Code	: 796001
Accredited Status	: B
Work Phone	: 0389-2322257
Fax	: 0389- 2315212
Website	: www.pucollege.in
E-mail	: pachhungaunivcollege@gmail.com
Mobile	: 9436154811

BEST PRACTICE – II

1. TITLE OF THE PRACTICE: RESEARCH AND CAPACITY BUILDING INITIATIVES

2. GOAL:

The college has built a foundation for research and capacity building within its own limit and capabilities. The aim of the practice is:

- To be a centre of research and as noted in the college vision and mission.
- To provide a good environment for research and consultancy.
- To provide good exposure to faculties in terms of knowledge and knowhow by organizing seminars and workshops.
- To allow faculties to go for higher studies. A good quality teacher leads to good quality education.
- To encourage and expose the students to higher level of studies for their future studies.

3. THE CONTEXT:

The college encourages research and academic developments and it promotes research activities in terms of doctoral studies and research projects. The college has 104 regular faculties out of which 60.57 % (63) are doctorate degree holders, 5 M. Phil and 34.61 % are P.G degree holders. Out of the PG degree holders 53.8 % currently pursue their doctoral studies.. The principal encourages every faculty to join doctoral studies. Currently there are 36 research projects (12 major and 24 minor) from various funding agencies. The challenges within the state are research initiatives at a college level and creating infrastructure for research activities. Quality maintenance of research equipments also provides a challenge due to remoteness of the state. The college also organizes 2 international and 24 national level seminars workshops etc. for students and faculty exposure. The main challenge in organizing such programmes is the travelling expenditure of the participants from other states due to remote location of the State.

4. THE PRACTICE

On research

- Research mentoring and sensitization programmes are organized.
- The Principal encourages faculties to pursue higher studies.
- Guest/Temporary faculties are engaged for faculties pursuing higher studies whenever necessary.
- Faculties are encouraged for faculty improvement programme in National/International institutes.
- Faculties are encouraged to apply for research projects
- Project committee is created to facilitate and monitor research programmes.
- IQAC also provides necessary information to faculties regarding research projects.
- Necessary infrastructure and laboratory renovations are done to aid research activities.

- Research instrumentations centre is created to aid research activities.
- The college provides 24x7 power supply for research activities.
- The college library subscribes journals and purchase books for research.
- Timely release of funds for research activities.
- Good water supply for research activities.
- The college applies funds from State government.

On Capacity building:

- All departments are group into two departments each to apply funds from funding agencies to organize National Level Seminars.
- All departments have organized at least one Seminar/Workshop during the assessment period.
- Faculties are encouraged to present papers in National and International conferences/seminars etc.
- Departments are encouraged to organize programmes inside the college to provide more exposure.
- Students are encouraged to participate in these programmes.
- Eminent persons are invited to deliver special lectures.
- Necessary infrastructure and equipments are provided to organize such programmes. To accommodate such programmes two seminar halls are created.

Constraints and limitations:

- Though the college has a Research and instrumentation centre the space is very limited to cope with the research activities of the college.
- The other limitation is the limitation by the university which does not allow direct supervision of PhD students.

4. EVIDENCE OF SUCCESS

a) Research Findings and Publications:

Faculties published their findings in National and International Journals. Major achievements of research activities are as follows - discovery of new species of animals, landslide and disaster management, antimicrobial screening, diagnoses of diseases, pest management etc.

b) Research Funding:

The college has 16 research projects in the first cycle of assessment with the total amount of Rs.28,07,750. The number of research projects has been increasing ever since, and in the 2nd cycle of assessment the college has 36 research projects amounting to Rs.2,83,81,370. The college also hosts two Women Scientist sponsored by DST. Table 1 shows the research funding from various agencies at PUC during 1st and 2nd Cycle of Assessments:

Funding Agency	1st Cycle of Assessment	2nd Cycle of Assessment	Amount Increased	Increased %
UGC	10,42,000.00	39,00,370.00	28,58,370.00	274.32
GoM	1,50,000 .00	6,34,000.00	4,84,000.00	322.67
DBT	-	1,12,25,000.00	1,12,25,000.00	
DST	16,15,750.00	1,25,02,000.00	1,08,86,250.00	673.76
ZET	-	1,20,000.00	1,20,000.00	
TOTAL	28,07,750.00	2,83,81,370.00	2,55,73,620.00	910.82

Table-1: Research funding by various agencies at PUC.

The college also promotes research by providing funds to faculty members with a maximum ceiling of Rs. 50,000 (Fifty thousand). Student project work has been started under Certificate Course in Pisciculture, DBT STAR College Scheme and through Institutional Biotechnology Hub.

- c) Research Scholars: The college also has 10 students under the joint Supervisor ship of faculties within the college. Recently two students under joint supervisor ship are awarded PhD degree.
- d) Seminars and Workshops: The college also organizes 2 international and 24 national level seminars workshops etc. for students and faculty exposure.

6. PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

- The main problem faced is that the University does not allow direct supervision of Ph.D students.
- There is no provision for PG studies in the college.
- Other limitation is the funding for the construction of Research Instrumentation Centre. The college constructed the centre with its internal fund.
- The remoteness of the location of the state sometimes hampers the availability of nationally renowned scholars and eminent scientist to participate as resource persons in the college organized programmes.

8. CONTACT DETAILS

Name of the Principal	: Dr. Tawnenga
Name of the Institution	: Pachhunga University College
City	: Aizawl
Pin Code	: 796001
Accredited Status	: B
Work Phone	: 0389-2322257
Fax	: 0389- 2315212
Website	: www.pucollege.in
E-mail	: pachhungaunivcollege@gmail.com
Mobile	: 9436154811

**EVALUATIVE
REPORT
OF THE
DEPARTMENTS**

DEPARTMENT OF ENGLISH

1. **Name of the department:** English
2. **Year of Establishment:** 1958
3. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D, etc.):** Two overlapping courses have been offered during the period 2010-2015 due to the transition from annual system to semester system in June 2011 as regulated by Mizoram University. As such,
 - a. Bachelor in Arts (Annual System), i.e., Three years Integrated Degree Courses (General & Honours) in English as well as
 - b. Six Semesters Courses (6 months duration per semester) for the degree of Bachelor of Arts in English have been taught.
4. **Names of Interdisciplinary courses and the departments/units involved:**
 - a. English taught as compulsory subject in BA (in all departments) upto 2nd year and 2nd semester, B.Sc (in all departments) upto 2nd semester and B.Com upto 2nd Semester.
 - b. **Certificate Course in Introduction to Humanities** held for all 6th Semester students under school of Humanities for duration of one month during November, 2011.
5. **Annual/ semester/choice based credit system (programme wise):**

As stated above, two overlapping courses have been offered during the period 2010-2015 due to the transition from annual system to semester system in June 2011 as regulated by Mizoram University. As such, 1) Bachelor in Arts (Annual System), i.e., Three years Integrated Degree Courses (General & Honours) in English as well as 2) Six Semesters Courses (6 months duration per semester) for the degree of Bachelor of Arts in English have been observed. Choice- based credit system has not been implemented.
6. **Participation of the department in the courses offered by other departments:**

6th Semester Students (2011-2014 batch) participated in Finishing School, a course offered by the College for all 6th semester students for duration of one month during May of 2011 and 2102 after the University Examinations.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil

9. **Number of teaching posts**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	02	02
Asst. Professors	06	06

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Years of Exp	No. of Ph.D. Students guided for the last 4 years
Dr. Lalbiakangi Chawngthu	M.A, M.Ed., PhD	Asso. Prof	English	34 yrs	Nil
Dr. Rualzakhumi Ralte	M.A, PhD	Asso. Prof.	English	29 Yrs	Nil
Zothankimi	M.A	Asst. Prof	English	20 yrs	Nil
Henry Lalmawizuala	M.A, NET	Asst. Prof.	English	15 Yrs	Nil
V.Lalmalsawmi	M.A, NET	Asst. Prof	English	11 Yrs	Nil
Dr. Rebecca Angom	M.A, PhD	Asst. Prof	English	5 yrs	Nil
Jamie Zodinsangi Hrahsel	M.A, M. Phil, JRF	Asst. Prof	English	5 Yrs	Nil
Vanlaveni Pachuau	M.A, NET, M. Phil	Asst. Prof	English	3 yrs	Nil

11. **List of senior visiting faculty:** Nil12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 16.1 % average.**List of guest faculty employed in the department during 2010- 2015:**

- (1) Alex L. Sailo (2009 -)
- (2) Zosangzuala (2010-12)
- (3) Vanlalveni Pachuau (2010) *she was regularized in 2012.
- (4) Lalnunmawii Varte (2012)

2010-2012 (Annual system)

Sl. No	Name of Teachers	I yr (Gen)		I yr (Hons)		II yr (Hons)		II yr (Hons)		Total	
		Class	%	Class	%	Class	%	Class	%	Class	%
1	Alex L. Sailo	-	-	-	-	73	27.97	55	22.82	128	19.19
2	Vanlalveni Pachuau	-	-	16	18.40	25	9.58	81	33.61	122	18.29
3	Zosangzuala	20	2.09	53	2.75	143	48.31	55	24.12	76	16.78

2011 – 2015 (Semester System)

Sl. No	Name of Teachers	I Sem		II Sem		III Sem		IV Sem		V Sem		VI Sem		Total	
		cls	%	cls	%	cls	%	cls	%	cls	%	cls	%	cls	%
1	Alex L. Sailo	88	2	79	3	143	48	55	24	76	17	50	17	341	17
2	Lalnunmawii Varte	23	6	-	-	-	-	-	-	-	-	-	-	23	2

13. Student -Teacher Ratio (programme wise):

I Semester	=	46:8	IV Semester	=	40:2
II Semester	=	45:8	V Semester	=	40:4
III Semester	=	40: 4	VI Semester	=	40: 5

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil**15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG:**

PG - 8 M. Phil - 2 Ph.D. -2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil**17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil****18. Research Centre /facility recognized by the University: Language Laboratory****19. Publications:****a) Publication per faculty:**

- 1) Dr. Lalbiaksangi Chawngthu - 1
- 2) Dr. Rualzakhumi Ralte - 6
- 3) Zothankimi - 0
- 4) Henry Lalmawizuala - 2
- 5) V. Lalmalsawmi - 1
- 6) Dr. Rebecca Angom - 3
- 7) Jamie Zodinsangi Hrahse - 2
- 8) Vanlaveni Pachuau - 2

b) Number of papers published in peer reviewed journals (national / International) by faculty and students: 7 (Seven)**c) Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil**

d) **Monographs:** Nil

e) **Chapter in Books:**

- 1) Dr. Rualzakhumi Ralte - 1
- 2) Henry Lalmawizuala - 1
- 3) V.Lalmalsawmi - 1
- 4) Dr. Rebecca Angom - 3
- 5) Jamie Zodinsangi Hrahse - 1
- 6) Vanlaveni Pachuau - 1

f) **Books Edited:**

- 1) Henry Lalmawizuala - 1
- 2) V.Lalmalsawmi - 1

g) **Books with ISBN/ISSN numbers with details of publishers:**

Sl. No	Name of Faculty	BOOK: Name of Book (Mention if Chapter only)	ISBN/ISSN
1.	Dr. Lalbiaksangi Chawngthu	Nil	Nil
2.	Dr. Rualzakhumi Ralte	"Translation as Representation", Orality and Folk Literature in the Age of Print Culture: India's North-east Experience , Pub: Scientific Book Centre, Guwahati, p.125- 142	ISBN: 978-81-287-0005-7
3.	Henry Lalmawizuala	Globalization and Ethnic Identity (Co-Editor) Pub: Scientific Book Centre, Guwahati	ISSN: 978-81-287-0004-0
4.	V. Lalmalsawmi	Globalization and Ethnic Identity (Co-Editor) Pub: Scientific Book Centre, Guwahati	ISSN: 978-81-287-0004-0
5.	Dr. Rebecca Angom	1. Kamala Markandaya's Novels: Women-Centred perspectives & Postcolonial Issues , p.1-196 2. "Economic Development and the Diaspora with reference to Manipur", Development Perspectives in North East India: Micro and Macro Studies (Proceedings) , p.155-168 3. "Revisiting the Power and Status of Manipur's Women", Engaging Failed State: Political, Social and Economic Issues of Contemporary Manipur ; Pub: Mittal Publications, New Delhi, p.259-274	ISBN: 978-81-8370-338-3 ISBN: 978-93-82120-58-2 ISBN: 81-8324-491-2

6.	Jamie Zodingsangi Hrahse	"Globalization and the Mizo Imagination: Reflections on Vanneitluanga's 'A Frog's Frock'", Globalization and Ethnic Identity , Pub: Scientific Book Centre, Guwahati, p. 203-9	ISBN: 978-81-287-0004-0
7.	Vanlalveni Pachuau	An Anthology of Songs from Popular Culture for Undergraduate Studies, Mizoram University (Co-Editor) Pub: Lengchhawn Press, Aizawl.	ISBN: 978-81-930835-2-9

h) **Citation Index:** Nil

i) **SNIP:** Nil

j) **SJR:** Nil

k) **Impact factor:** Nil

l) **h-index:** Nil

20. **Areas of consultancy and income generated:** Nil

21. **Faculty as members in**

a) National committees: **Nil**

b) International Committees: **Nil**

c) Editorial Boards: **Henry Lalmawizuala, Joint Editor in *Journal of MIELS***

22. **Student projects:**

a) Percentage of students who have done in-house projects including inter departmental/programme: **Nil**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **Nil**

23. **Awards / Recognitions received by faculty and students:**

a) Ms. Bethel Lalrinfeli won the First Prize in Debate Competition organized by Red Ribbon Club (MSACS) in the National Youth Day on 12th Sept, 2011.

b) Ms. Shirley Lalrinfeli won the 2nd Prize in Poetry writing Competition held by MIELS (Mizoram English Literary Society) held on 6th Feb, 2015.

c) Ms. Nunnathingzarmawii was awarded Students' Self Support Award by the SSU (Students' Self Support Union) on 13th July, 2015.

24. **List of eminent academicians and scientists/visitors to the department:**

a) Prof. Bernard Koloski, Professor Emeritus, Mansfield University, Pennsylvania, USA.

b) Pi Laldawngliani Chawngthu, Jt. Director, SCERT, ELT Wing.

- c) Prof. Margaret Ch. Zama, Former Head of the English Department, Mizoram University.
- d) Dr. T. K. Kharbamom, Faculty, English and Foreign Language University, Shillong Campus.
- e) Basil Pohlong, Assistant Professor, Department of Philosophy, NEHU, Shillong.
- f) Dr. Saji Varghese, Faculty, Department of English, Lady Keane College, Shillong.
- g) Dr. Cherrie Lalnunziri Chhangte, Assistant Professor, Department of English, Mizoram University.
- h) Dr. N.K Das, Former Deputy Director and Visiting Fellow, Anthropological Survey of India, Kolkata.
- i) Xavier Pfokrehe Mao, Professor, Department of Philosophy, NEHU, Shillong.

25. **Seminars/ Conferences/Workshops organized & the source of funding:**

- a) State level *Certificate Course on Introduction to Humanities*, funded by Pachhunga University College.
- b) National level seminar on *Globalization and Ethnic Identity*, funded by UGC-NERO
- c) International level one-day workshop on *System Administration Operation and Instructor's Module*, funded by PUC and SANAKO Corporation, Finland.

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BA (English) (2011)	93	47	5	42	84.6
BA (English) (2012)	163	40	8	32	91.66
BA (English) (2013)	125	40	7	33	84.61
BA (English) (2014)	194	43	13	30	76.92
BA (English) (2015)	148	46	15	31	81.13

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA (English) (2011)	100%	0	0
BA (English) (2012)	100%	0	0
BA (English) (2013)	77.5%	2.5%	0
BA (English) (2014)	77.5%	0	2.5%
BA (English) (2015)	100%	0	0

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:** 3 (Three)

29. **Student progression**

Student progression	Against % enrolled
UG to PG	66
PG to M. Phil.	13
PG to Ph.D.	2.1
Ph.D. to Post-Doctoral	0
Employed	
• Campus selection	0
• Other than campus recruitment	42
Entrepreneurship/Self-employment	9

30. **Details of**

Infrastructural facilities:

- a) **Library:** Departmental Library
- b) **Internet facilities for Staff & Students:** Wi-Fi and LAN
- c) **Class rooms with ICT facility:** All classrooms
- d) **Laboratories:** Language laboratory.

31. **Number of students receiving financial assistance from college, university, government or other agencies:** 102

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

a) Usage of Audio- Visual and Online Teaching Aids:

All faculty members are acquainted with the importance of implementing audio-visual and online teaching aids in their lectures. As such Power-point Presentations as well as videos and clips related to their studies were regularly given to the students. The students were also advised on the usage of Internet facilities and to distinguish between reliable and non-reliable sources for procuring study materials.

b) Language Laboratory:

Under the patronage of the Principal, Dr. Tawnenga, the department was able to complete and open the Language Laboratory. The Laboratory is equipped with 30 + 2 computers programmed with the latest technology in language- learning software. All faculty members underwent an Orientation and Training Programme on "System Administration Operation and Instructor's Module" on 28th August, 2014 and the laboratory is now fully functional and has become an indispensable aid to teaching.

c) Class Presentation/ Seminars/ Quizzes:

All students are asked to present Papers so as to facilitate their research abilities and to hone their verbal presentation skills. Class quizzes, both oral and written, are also held on a regular basis. Weekends and holidays are often utilized for extra classes for the conduction of these seminars and tests.

d) Educational Tour:

An educational tour of the Academic Institutions and Libraries in Kolkata was organized by the Department for the Final Semester students on 27.2.2014 - 8.3.2014. The students were accompanied by Mr. Henry Lalmawizuala and Alexander L. Sailo. The students reported that this tour was very significant for them as they had access to the prestigious Academic Institutions within the state, but also other centers of learning and culture.

33. Teaching methods adopted to improve student learning:

- Screening movies and documentaries of topical relevance and interest.
- Group discussions for concept applicability.
- Classroom debates to enhance critical thinking and individual assertion.
- Using Role Play for oral presentations.
- ICT enabled PPT *cum* lecture method via LCDs.
- Inviting guest lecturers such as poets and playwrights.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Departmental Outreach programme, 'Environmental Awareness.'
- Dr. Lalbiaksangi Chawngthu is a member of SCERT-Committee on English Textbooks at the Elementary Level, and has contributed to the framing of the school curriculum and textbook writing in Mizoram.
- Ms. Jamie Zodingsangi Hrahsel is a *nodal officer* in Red Ribbon Club and has participated, along with the students, in several blood donation and HIV/AIDS awareness campaigns initiated by MSACS, Govt. of Mizoram.
- Students have been encouraged to render active community service. In accordance to this, several students from the department participated in social activities provided to Phulpui village during the academic session 2013-2014.
- Visiting lecturer/consultancy and student participation for and in:
 - NSS Blood donation
 - Communication skills
 - Poetry composition
 - Inter-college events such as sports debate and quiz.
- Friday Evening CCA- counseling and campus cleanliness work.

Faculty's membership in the College:

Name	Capacity	Duty
LALBIAKSANGI CHAWNGTHU	1. Chairperson 2. Member 3. Chief Examiner 4. Member 5. Member 6. Member 7. Member	Creativity/ Finishing School Sub-Committee Discipline and Campus Management Sub-Committee Central Evaluation 2009-15 Moderation Board, UGC Examination 2009-15 Board of Studies, MZU, 2009- 13 SCERT School Curriculum Committee English Textbooks Committee for Elementary School
DR. RUALZAKHUMI RALTE	1. Vice- Chairperson 2. Member 3. Chief Examiner 4. Member 5. Member	Grievances and Redressal Cell College Hostel Sub-Committee Central Evaluation 2013-15 Moderation Board 2012- 15 Board Of Studies, MZU, 2014- 15
HENRY LALMAWIZUALA	1. Assistant Coordinator 2. Member 3. Micro Observer 4. Examiner 5. Member 6. General Secretary 7. President 8. Member	IQAC-PUC Creativity/ Finishing School Sub-Committee Mizoram State Elections, 25.11.13 MZU Central Evaluation 5-9. 8.13 Moderation Board 2015 MIELS (Mizoram English literary society) Parents- Teachers Association Students' Welfare Committee
V.LALMALSAWMI	1. Secretary 2. Micro-observer 3. Examiner 4. Member	Canteen Sub-Committee Vote Counting- Parliamentary Election, 16.5.14 Central Evaluation, 5-9.8.13 and 25-26.3.13 College Beautification Committee
DR. REBECCA ANGOM	1. Member 2. Examiner	Women's Cell Central Evaluation- 5-9.8.13 and 3-6.12.13
JAMIE ZODINSANGI HRAHSEL	1. Member 2. Liaison Officer 3. Micro Observer 4. Examiner 5. Secretary 6. Member 7. Treasurer	Grievances and Redressal Cell Mizoram State Election, 25.11.13 Vote Counting- Parliamentary Election, 16.5.14 Central Evaluation- 2014-15 Parents-Teachers Association PUC Website Committee Red Ribbon Club, PUC

VANLALVENI PACHUAU	1. Member 2. Liaison Officer 3. Micro-observer 4. Examiner	Creativity/ Finishing School Sub-Committee Mizoram State Election, 25.11.13 Vote Counting- Parliamentary Election, 16.5.14 Central Evaluation- 5-9.8.13 and 3-6.12.13
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35. SWOC analysis of the department and Future plans:

Strengths:

- Consistent high academic student performance at university examinations.
- The department serves as a cornerstone for English language and communication skills in all major spheres of college life
- Language Proficiency reflected in comparing and reporting tasks at major college events.
- A research oriented Faculty (3 faculty conferred PhD and 4 faculty has registered for PhD)
- Highly motivated students who have been winning literary based Inter-collegiate events for the last four years
- Well stocked departmental library
- Facebook and whatsapp account as well as departmental email to keep in touch with past pupils as well as provide information about the department.

Weaknesses:

- Teaching methodology *i.e* ICT services are not used to its optimum
- Inadequate research publications

Opportunities:

- Faculty as resource persons at events held outside the college
- Presentation of research papers at state/national/international level
- Upgrading syllabi to keep abreast of national and international standards
- Better networking with alumni

Challenges:

- Dealing effectively with large number of students in class
- Improving language skills among students

20. Future Plans:

- To undertake publication of research papers.
- To enhance language and literature through add-on courses.
- To organize workshops and seminars for faculty as well as department enhancement.

DEPARTMENT OF EDUCATION

1. **Name of the department:** Education
2. **Year of Establishment:** 1971
3. **Names of Programmes / Courses offered (UG, PG, M. Phil, Ph.D., Integrated Masters; Integrated PhD., etc.) : Semester system UG:** BA Education
4. **Names of Interdisciplinary courses and the departments/units involved:**
NIL
5. **Annual/ semester/choice based credit system (programme wise):**
NIL
6. **Participation of the department in the courses offered by other departments:**
NIL
7. **Courses in collaboration with other universities, industries, foreign institutions:**
NIL
8. **Details of courses/programmes discontinued (if any) with reasons:**
NIL
9. **Number of teaching posts**

	Sanction	File
Professors		
Associate Professors	1	1
Asst. Professors	4	4

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.Lalthankungi	M.A,M.Phil, PhD	Asso. Prof	Non-formal & Adult Education History of Education Educational Technology etc, Educational thought.	27 years	
Mrs.Susan Lalthanpuii	M.A. (Edn)	Asst. Prof	History of Education, Research Methodology. Sociology of Education, Educational thought.	16 years	
Mrs.Lalrintluangi	M.A. (Edn)	Asst. Prof	Statistics in Education, Philosophy of Education.	11 years	
Ms. Lalhruaitluangi	M.A., M. Phil	Asst. Prof	Educational Psychology, Educational Evaluation, Curriculum Development.	9 years	
Mrs. Lalchhuanmawii	M.A. (Edn)	Asst. Prof	Educational Psychology, Educational Planning & Management, Educational Evaluation.	7 years	

-
11. **List of senior visiting faculty:**
NIL
 12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**
NIL
 13. **Student -Teacher Ratio (programme wise):**
19: 5
 14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**
NIL
 15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:**
PG- 3 M.Phil.- 2 Ph.D. – 1
 16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**
NIL
 17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:**
NIL
 18. **Research Centre /facility recognized by the University:**
NIL
 19. **Publications:**
 - * Publication per faculty: NIL
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students: NIL
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
 - * Monographs: NIL
 - * Chapter in Books: 1
 - * Books Edited: NIL
 - * Books with ISBN/ISSN numbers with details of publishers: NIL
 - * Citation Index: NIL

- * SNIP: NIL
 - * SJR: NIL
 - * Impact factor: NIL
 - * h-index: NIL
20. **Areas of consultancy and income generated:**
NIL
21. **Faculty as members in**
- a) National committees
 - b) International Committees
 - c) Editorial Boards: NIL
22. **Student projects**
- a) Percentage of students who have done in-house projects including inter departmental/programme
Annual System: 100 %
Semester System: NIL
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NIL
23. **Awards / Recognitions received by faculty and students:**
NIL
24. **List of eminent academicians and scientists / visitors to the department:**
NIL
25. **Seminars/ Conferences/Workshops organized & the source of funding**
- a) National: NIL
 - b) International: NIL
26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolle		Pass percentage
			*M	*F	
2011	171	43	15	28	64.2
2012	116	40	13	27	58.33
2013	134	40	17	23	76.92
2014	196	44	17	27	96.43
2015	171	41	15	26	82.14

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA Education	100%		

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	72%
PG to M. Phil.	3%
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurship/Self-employment	13%

30. **Details of Infrastructural facilities**

- a) Library: Yes
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: Yes
- d) Laboratories: NIL

31. **Number of students receiving financial assistance from college, university, government or other agencies: 173**

32. **Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:**

- (1) Two Special Lectures used to deliver in every Semester under the theme like manners and etiquette, moral education, value education, group behavior etc.
- (2) In the midst of the regular classes during July 2013, the I, III & V Semester students of Education Core were mentored on different aspects like their marks obtained or result analysis, importance of attendance and attending classes regularly, manners and behavior in the classroom and also the strategies and method of studies.

- (3) Academic Counseling session was held on 13th and 20th September 2013 for I, III and V Semester students of Education core.
- (4) Again, another Academic Counseling session was conducted for IV Semester students of Education Core on 24th January 2014.

33. **Teaching methods adopted to improve student learning**

- The Department used to organize Group Discussion
- Classroom Seminar
- Assignment on selected topics
- Teaching with power point presentation

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**

- (1) The Department of Education has been collaborating with Anganwadi Centres of the nearby areas of the College Campus for improvement of teaching-learning processes adopted in those Centres on quality education at the pre-primary level education. For this, the faculty of this Department used to visit the Centres and had discussions on various aspects like teaching methods, quality improvement of nutrition provided, improvement on Centres atmosphere, involvement of the parents of the children, play-way method adopted in the Centres etc. This practice of the Department is found to be quite beneficial for over all running of the Anganwadi Centres.
- (2) Again, the Department of Education had a joint venture programme with the Continuing Education Centres (CECs) of Adult Education Wing in the nearby areas of the College Campus for improvement of follow-up programme of Adult Education Wing through CECs. The faculty of this Department had a visit programme to CECs having discussions with Preraks and Asst. Preraks as well as Neo-Literates of the CECs on aspects like availability of reading materials, quality of reading materials based on the needs of the Neo-literates, maintenance of the library of the CECs, availability of furnitures like reading table and benches, problems faced if any etc. This programme has helped and improved the CECs to a large extent in running as well as functioning of the CECs of Adult Education Wing.

35. **SWOC analysis of the department and Future plans**

1. **Strength of your Department**

- (a) Good results in University Examinations.
- (b) Carried out research oriented projects by the faculty and students on regular basis.
- (c) Good cooperation amongst the faculty members.
- (d) Good cooperation between students and faculty.
- (e) Student Mentoring System organized regularly in every Semester Session.

2. Weakness of your department

- (a) Inadequate presentations and publications of research paper

3. Opportunities of your department

- (a) To organize more exposure programmes
- (b) To have more collaboration programme with other institutional agencies like Anganwadi & CECs of Adult Education Department.

4. Challenges

- (a) To purchase equipments and other hardware to impart practical experience and skill to the students.
- (b) To produce better results at the University exams.
- (c) To Have more academic counseling

Future Plans

- (a) To organize Workshops and Seminars regularly.
- (b) To carry out research oriented projects by the faculty and students.
- (c) To have more extension activity or work with the local community.

DEPARTMENT OF ECONOMICS

1. **Name of the department:** Department of Economics
2. **Year of Establishment:** 1958
3. **Names of Programmes /Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated PhD, etc.) :** Under Graduate course only
4. **Names of Interdisciplinary courses and the departments/units involved:**
NIL
5. **Annual/ semester/choice based credit system (programme wise):** Semester system (the university has not yet introduced choice base credit system in the college level)
6. **Participation of the department in the courses offered by other departments:**
NIL
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
NIL
8. **Details of courses/programmes discontinued (if any) with reasons**
9. **Number of teaching posts**

	Sanctioned	Filled
Associate Professors	3	3
Asst. Professors	2	2

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Years of Exp
Khawlozama	M.A	Associate Professor	Macroeconomics	34
Dr. M.Z. Khiangte	PhD	Associate Professor	Indian Economy	25
Dr. K. Laldailova	Ph.D	Associate Professor	Econometrics	23
Lalthlamuana Ralte	M.A	Assistant Professor	Monetary Economics	15
R. Zothanmawia	M.A	Assistant Professor	Indian Economy	6
Emanuel Lalhriatzuala Ralte	M.A	Guest Lecturer	-	

-
11. **List of senior visiting faculty -**
NIL
 12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**
10%
 13. **Student -Teacher Ratio (programme wise): As on 2015-16 session**
 - a) **First Sem** – 9 : 1
 - b) **Third Sem** – 7 : 1
 - c) **Fifth Sem** – 7 : 1
 14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:**
NIL
 15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. -**
PG - 3 PhD - 2
 16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**
NIL
 17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:**
NIL
 18. **Research Centre /facility recognized by the University:**
NIL
 19. **Publications:**
 - (a) Publication per faculty - NIL
 - (b) Number of papers published in peer reviewed journals (national /international) by faculty and students - NIL
 - (c) Chapters in edited books (with ISBN): 3
Dr. M.Z. Khiangte – 1; Lalthlamuana Ralte – 1; R.Zothanmawia - 1
 20. **Areas of consultancy and income generated:**
Lalthlamuana Ralte acted as a consultant in Action Aid Project, Mamit district (in goodwill) in 2013
 21. **Student projects**
 - a) Percentage of students who have done in-house projects including inter departmental/programme – 100 % in Fifth & Sixth Semester
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies –
NIL

22. **Awards / Recognitions received by faculty and students –**
 (i) H. Lianchungnunga – Student of the Year 2014
 (ii) K. Vanlalhrualtuanga – University Topper in BA (Eco) exam 2013 conducted by MZU was given Departmental Award with Rs 3000 by the Department
 (iii) Stephen Lalramthara – University Topper in BA (Eco) exam 2015 conducted by MZU
23. **List of eminent academicians and scientists / visitors to the department**
 (i) Dr Anuradha Balaram, Chief Economic Adviser to Kerela Govt. visited the Department on Oct. 23, 2015 (Friday) and gave special lecture to the students.
24. **Seminars/ Conferences/Workshops organized & the source of funding**
 (a) **National Level:** Department of Economics and Department of Commerce, PUC jointly organized National Seminar on 'Economic Development in N.E. India : Challenges & Opportunities' on 21-22 March 2013
 b) **International -NIL**
26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Bachelor of Arts 2011 (Psychology) 2011	88	43	24	19	93.3
Bachelor of Arts 2012	135	41	25	16	85.71
Bachelor of Arts 2013	84	39	25	14	84.84
Bachelor of Arts 2014	180	44	22	22	86.49
Bachelor of Arts 2015	130	48	25	23	71.42

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Bachelor of Arts 2011 (Psychology) 2011	100%	NIL	NIL
Bachelor of Arts 2012	100%	NIL	NIL

Bachelor of Arts 2013	100%	NIL	NIL
Bachelor of Arts 2014	100%	NIL	NIL
Bachelor of Arts 2015	100%	NIL	NIL

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? - NA**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	58.9
PG to M.Phil.	7.6
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	NIL
Entrepreneurship/Self-employment	NA

30. **Details of Infrastructural facilities**

- a) **Library** : Departmental library with some few text books
- b) **Internet facilities for Staff & Students** : Wi-Fi for faculty and free Wi-Fi for students
- c) **Class rooms with ICT facility** : three teachers utilize PowerPoint projector in the lecture,
- d) **Staffroom** : Teachers room and a separate room for HoD

30. **Number of students receiving financial assistance from college, university, Government or other agencies:**

- 2011-2012 : 41
- 2012-2013 : 40
- 2013-2014 : 38
- 2014-2015 : 42
- 2015-2016 : 46

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :**

- a) **Meet the policy maker** : On November 3, 2012 Students' Interaction with Hon'ble Minister Pu Zodintluanga (i/c – Sports & Youth Services, Taxation) was held at his residence.
- b) **Interaction with Official:** Also, final semester students visited Mr. Darsiemlien Ruolngul Dy. Labor Commissioner in his office, they discussed about labour related issues.
- c) **Departmental Tour:** During 10.01.2014 and 19.01.2014 Departmental Tour covering Sikkim (Gangtok, Lachung, Yumthang Valley, Zero Point, Indo-China Border), Darjeeling and Indo-Nepal Border was organized.
- d) **Departmental Seminar/Projects:** For Fifth and Sixth Semester students departmental Seminar had been organized at least once every semester.
- e) **Special lecture:** The department organized Special lecture on Oct. 23, 2015 (Friday). Dr Anuradha Balaram, Chief Economic Adviser to Kerala Govt., was the resource person.

33. Teaching methods adopted to improve student learning:

Lecturing, teaching with PowerPoint presentation, class discussion, quiz, presentation by students, class tests, individual or group projects, academic film show.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Students contributed money as charity and given to the poor and needy during Christmas festival

35. SWOC analysis of the department and Future plans

STRENGTH OF THE DEPARTMENT

- a) Good cooperation among the teachers
- b) Good result in the university exams
- c) Cordial relationship between teachers and students
- d) Good performance of the students in open competition vis-a-vis students from other colleges
- e) Active participation of the students as well as faculty in extracurricular events (college week, University sports, cleanliness drive, Blood donations etc...)

WEAKNESS OF THE DEPARTMENT

- a) Inadequate power supply
- b) Inadequate classroom facilities

OPPORTUNITIES OF THE DEPARTMENT

- a) To organize departmental seminars for the students of 5th & 6th semester
- b) Project work, academic film show, career guidance, classroom discussion on various topics
- c) Interaction with the policy makers, planners, govt. officials etc...

CHALLENGES OF THE DEPARTMENT

- a) To keep up excellent results in the university exams
- b) To improve classroom facilities & teaching aids
- c) Study tour inside Mizoram

DEPARTMENT OF GEOGRAPHY

1. **Name of the department:** Geography
2. **Year of Establishment:** 1958
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :** Semester system UG
4. **Names of Interdisciplinary courses and the departments/units involved:**
NIL
5. **Annual/ semester/choice based credit system (programme wise):**
NIL
6. **Participation of the department in the courses offered by other departments:**
NIL
7. **Courses in collaboration with other universities, industries, foreign institutions:**
NIL
8. **Details of courses/programmes discontinued (if any) with reasons:**
NIL
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	-	-
Associate Professors	3	3
Asst. Professors	2	2

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Lalhlimpuii	M.A	Asso. Prof	Human Geography	38	
H.L.Lawmzuala	M.A	Asso. Prof	Geomorphology	32	

Dr.R.Ramthara	M.A, M. Phil	Asso. Prof	Geomorphology	20	
Dr. Bobby Beingachhi	M.A, PhD	Asst. Prof	Social Geography	11	
G.Deka	M.Sc	Asst. Prof	Cartography	10	

11. **List of senior visiting faculty:**
NIL
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**
NIL
13. **Student -Teacher Ratio (programme wise) 1:30**
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled: 2**
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:**
PG- 3 M. Phil - 1 PhD – 2
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 3 from UGC-NERO, Rs 378000/-**
17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:**
NIL
18. **Research Centre /facility recognized by the University:**
NIL
19. **Publications:**
 - * **Publication per faculty:**
 - a) Dr. R. Ramthara - 1
 - b) Dr. Bobby Beingachhi - 2
 - c) Ganashyam Deka - 6
 - * **Number of papers published in peer reviewed journals (national /International) by faculty and students: 5**
 - * **Number of publications listed in International Database (For E.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL**

- * **Monographs:** NIL
 - * **Chapter in Books:** NIL
 - * **Books Edited:** NIL
 - * **Books with ISBN/ISSN numbers with details of publishers:** NIL
 - * **Citation Index:** NIL
 - * **SNIP:** NIL
 - * **SJR:** NIL
 - * **Impact factor:** 5
 - * **h-index:** NIL
20. **Areas of consultancy and income generated:** NIL
21. **Faculty as members in**
- a) National committees: NIL
 - b) International Committees: NIL
 - c) Editorial Board: NIL
22. **Student projects**
- a) Percentage of students who have done in-house projects including inter departmental/programme
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NIL
23. **Awards / Recognitions received by faculty and students:**
- a) Best self support student (1),
 - b) Gold Medal (5)
24. **List of eminent academicians and scientists / visitors to the department:**
Dr. Rintluanga Pachuau
25. **Seminars/ Conferences/Workshops organized & the source of funding:**
- a) National: 1 workshop funded by UGC - NERO
 - b) International: NIL

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011	185	71	46	25	90
2012	308	50	34	16	44
2013	289	50	36	14	65
2014	422	50	32	18	85
2015	198	46	28	18	62

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2008 -10	100%	0%	0%
2009 -11	100%	0%	0%
2010 -12	100%	0%	0%
2011 -13	100%	0%	0%
2012 -14	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: NA

29. Student progression

Student progression	Against % enrolled
UG to PG	54.09%
PG to M. Phil	3.89%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	NIL
• Other than campus recruitment	NIL
Entrepreneurship/Self-employment	32.55

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30. **Details of Infrastructural facilities**
- a) Library: **1**
 - b) Internet facilities for Staff & Students: **1**
 - c) Class rooms with ICT facility: **Yes**
 - d) Laboratories: **Yes**
31. Number of students receiving financial assistance from college, university, Government or other agencies: **135 (100%)**
32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts: **NIL**
33. **Teaching methods adopted to improve student learning:** Audio-Video, power point presentation
34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:** NSS, NCC, Swachh Bharat Campaign, Board of Studies Member, School Board Member, Committee members in-Hostel, Building, Security, Discipline.
35. **SWOC analysis of the department and Future plans:** Yes, Mentoring system, one book about to publish
1. **STRENGTH**
 - a) Good result at university examinations
 - b) Organised workshops and seminars
 - c) Good cooperation among faculty members
 - d) Installation of GIS Lab.
 - e) Encouragement of students to do further research by doing research projects
 2. **WEAKNESS**
 - a) Insufficient publication of research papers
 - b) Inadequate publication of research papers
 - c) Inadequate facilities in the Lab.especially GIS and remote sensing to suit the students requirements
 3. **OPPORTUNITIES**
 - a) To develop GIS and remote sensing programme for students
 - b) To organize more exposure opportunities and programme within and outside of the state
 4. **CHALLENGES**
 - a) To purchase new and latest equipments and GIS remote sensing software ,which will enable to impart practical and useful skills to the students
 - b) To initiate relevant and challenging research projects by using GIS and remote sensing
 5. **FUTURE PLANS**
 - a) To initiate research oriented projects by the faculty and the student as well
 - b) To prepare the student for accomplished and well planned future
 - c) Publications of more research papers both at the national and international level

DEPARTMENT OF HISTORY

1. **Name of the department:** History
2. **Year of Establishment:** 1958
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D, etc.) :** Bachelor of Arts in History
4. **Names of Interdisciplinary courses and the departments/units involved:**
N.A
5. **Annual/ semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:**
Dr. Rohmingmawii as Guest Faculty in Certificate Course on Human Rights conducted by Department of Political Science, Pachhunga University College.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** N.A
8. **Details of courses/programmes discontinued (if any) with reasons:** N.A
9. **Number of Teaching posts**

	Sanctioned	Filled
Professors	1	1
Associate Professors	1	1
Asst. Professors	3	3

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the
Dr. J.V.Hluna	M.A; PhD	Prof	Church History, Education and Political History of Mizoram.	40	

H. S. Lalsangpuia	M.A; M.Phil	Asso Prof	Europe, Far East History.	32	
Lalrameng K. Gangte	M.A; M.Phil	Asst. Prof	India's Northeast History (Modern), Medieval Indian History	11	
Dr. Rohmingmawii	M.A; PhD	Asst. Prof	History of Mizoram, Ancient Indian History	12	
Esther Laltlankimi	M.A	Asst. Prof	Environmental History of Mizoram, Modern Indian History	5	

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 16.6%
13. **Student -Teacher Ratio (programme wise):** 19:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.**
PG- 1 M. Phil - 2 Ph.D – 2
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre /facility recognized by the University:** Nil
19. **Publications:**
 - * **Publication per faculty**
 - a) J.V, Hluna -11
 - b) H. S. Lalsangpuia - 1
 - c) Lalrameng K. Gangte - 3
 - d) Rohmingmawii - 8
 - e) Esther Laltlankimi - 2
 - * **Number of papers published in peer reviewed journals (national /international) by faculty and students:** 9

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- * **Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Nil**
 - * **Monographs: Nil**
 - * **Chapter in Books: 5**
 - * **Books Edited: 6**
 - * **Books with ISBN/ISSN numbers with details of publishers: 2**
 - * **Citation Index: Nil**
 - * **SNIP: Nil**
 - * **SJR: Nil**
 - * **Impact factor: Nil**
 - * **h-index: Nil**
20. **Areas of consultancy and income generated: N.A**
21. **Faculty as members in**
- a) National committees b) International Committees c) Editorial Boards:
NIL
- Prof. J. V. Hluna:**
1. Chairman, Management Committee, Mizoram Hindi Vikas Kendra.
 2. Founder Board of Director, Foundation for Social Transformation (FST), Gauhati
22. **Student projects**
- a) Percentage of students who have done in-house projects including inter departmental/programme: 100% (5th semester)
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil
23. **Awards / Recognitions received by faculty and students:**
- Prof. JV Hluna**
- 1) Awarded 'Best Educationist Award' by Economic Growth Foundation, New Delhi.

- 2) Awarded 'Education Excellence Award' by All India Business Development Association, New Delhi.
- 3) Awarded 'Rajiv Gandhi Achiever's Award for Education Excellence' by International Business Council, New Delhi.

Students:

Departmental Award for our students who secured Topper in History, Mizoram University (MZU):

- a) Gilbert Zarzozela - 2013
- b) Deborah Lalhminghlui - 2014
- c) Lalthlamuani - 2015

24. **List of eminent academicians and scientists / visitors to the department:**

1. Prof. Joy L. Pachuau, JNU
2. Prof. Imdad Hussein, Rtd. Professor, NEHU
3. Prof. A. C. Sinha, Rtd. Professor, NEHU
4. Prof. Willem Van Schendel
5. Prof. Sajal Nag, Assam University, Silchar
6. Prof. Sarah Hillaly, Rajiv Gandhi University, Itanagar

25. **Seminars/ Conferences/Workshops organized & the source of funding**

a) **National Level:**

- 1) Indian Council of Social Science Research, Delhi Sponsored - A Three Days National Seminar on "*Orality and Folk Literature in the Age of Print Culture: Contemporary Challenges and Prospects*", Organized by Department of History & Department of Mizo (29th- 31st October, 2012).
- 2) Indian Council of Historical Research (NER) Sponsored National Seminar on '*Rethinking Construction of Frontier and Identity in Northeast India*' organized by Department of History and ICHR (NER). (27th -28th February, 2014).

b) **International –**

- 1) One Day International Workshop on '*Priorities and Challenges in Historical Research of Mizoram*' Organized by Department of History, Pachhunga University College. (8th November, 2011), Sponsored by State Bank of India.

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A (History) 2011	52	46	24	22	84.6%
2012	135	42	23	19	42.1%
2013	119	42	22	20	75%
2014	237	42	19	23	71.05%
2015	170	45	23	22	79.31%
Average					70.412%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A (History)	98.5%	1.49%	nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? N.A

29. Student progression

Student progression	Against % enrolled
UG to PG	36.5%
PG to M.Phil.	N.A
PG to Ph.D.	N.A
Ph.D. to Post-Doctoral	N.A
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	7.9%
Entrepreneurship/Self-employment	6.5%

30. Details of Infrastructural facilities

- a) Library: Yes
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: Yes
- d) Laboratories: No

31. Number of students receiving financial assistance from college, university, government or other agencies: 112 (83.58%)

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:

- 1) Special lecture on **Arms Race and Abolition of Nuclear Weapons** by Shri J. Narayana Rao, Director, Global Network Against Weapons and Nuclear Power in Space on 12nd April, 2012.
- 2) Special lecture on "**Media history, Media Archive and the Discipline of Journalism**" Special lecture by Dr. P. Thirumal, Head, Department of Communication, University of Hyderabad on 17 April 2012.

- 3) Special lecture on “**Universities in India: Future Prospect for Students**” by James CVL Thafamkima, OSD to Vice Chancellor, DonBosco University, Guwahati on 6 December 2013.
 - 4) Mr. Kyle Jackson, Research Scholar, University of Warwick, UK gave special lecture on 12th February, 2014.
 - 5) Mr. Chhawnvunga, Ex-Faculty of PUC, gave motivational talk to the students on 12th September, 2014.
 - 6) Rev. L. Rema was invited to deliver lecture on Chhinlung and its relevance on 8th October, 2014.
 - 7) Dr. Kavita Chauhan, Dept. of Philosophy, University of Hyderabad, gave special lecture and had interaction with Fourth Semester students on 7th February, 2014.
 - 8) Dr. V. Sawmveli, Asst. Professor, TISS, Gauhati delivered special lecture to Third Semester students on 9th July, 2015.
 - 9) Mr. Daniel Sailo, MCS, ASO, delivered special talk and motivated the students followed by a fruitful discussion on 10th July, 2015.
33. Teaching methods adopted to improve student learning:
- 1) **Power point Presentation-** Power Point presentation is use in most of the lectures in class.
 - 2) **Visualizing history:** Showcasing historical documents, lectures of eminent historians by Projector in the class room.
 - 3) **Discussion Groups:** Students are grouped into 10 and the students are advised to discuss on the subject which were covered in the class.
 - 4) **Quiz:** Quiz competition in the class time to tim which facilitates memory of date and names of historical importance.
 - 5) **Maps:** Political/ Cultural Maps of India and Mizoram have been displayed in the classrooms.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
- 1) The faculty members participated in the talk show on various social issues organized by local broadcasters and DDK several times.
 - 2) The faculty contributed articles in local newspapers to sensitize the community on various important issues.
 - 3) The faculty members actively shared their expertise with various community-based and non-governmental organizations, like YMA, MZP, MSU, MHIP, etc, as and when invited.
 - 4) The students voluntarily donated blood several times.
 - 5) The students participated in the village adoption projects.
 - 6) The department maintains a ‘PUC Local History Club’ which is dedicated to study and document various local and community history in and around Aizawl which is expected to bring better self-understanding among the people living in the area.
35. SWOC analysis of the department and Future plans
1. **Strength of the Department:**
 - a) Qualified teachers – two Ph D and two M. Phil degree holders, one pursuing Ph.D.

- b) Good academic contribution in the form of organizing and participating in seminar and publication of research papers.
- c) Effective utilization of ICT for classroom teaching.
- d) Active participation in curricular activities – like setting and moderation of question papers, paper evaluation, syllabus framing, etc.
- e) Congenial working environment.
- f) Personal care given to students.
- g) Good University result.

2. Weakness of the Department:

- a) Inadequate exposure to other Institutes.
- b) Inadequate students' participation in classroom learning.
- c) Syllabus-oriented system of study which weaken the students' creativity.

3. Opportunities of the Department:

- a) Scope of exposure for both students and teachers.
- b) Specialized training for various competitive exams.
- c) Fertile ground for various research projects in Mizoram.
- d) Introduce more career-oriented programmes/training.

4. Challenges of the Department:

- a) To prepare more students for higher studies.
- b) To acquire more study materials – maps, video clips, etc.
- c) To induce better student-teacher relationship.

Future plans of the department:

- 1) To launch career-oriented course programmes related to the subject, eg. Diploma courses in Cultural studies, Folk Dance, etc.
- 2) To take regular historical research project for final year students and publish the completed reports.
- 3) To organize special lecture series with eminent scholars from different fields from prominent institutes.
- 4) To produce more research works.
- 5) To give special training for various competitive exams.

DEPARTMENT OF MIZO

1. **Name of the department:** Mizo
2. **Year of Establishment:** 1967
3. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., and Integrated Masters; Integrated Ph.D., etc.):** Semester System (UG)
4. **Names of Interdisciplinary courses and the departments/units involved:** `NIL
5. **Annual/ semester/choice based credit system (programme wise):** NIL
6. **Participation of the department in the courses offered by other departments:** NIL
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** NIL
8. **Details of courses/programmes discontinued (if any) with reasons:** NIL
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	2	2
Asst. Professors	3	3

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Vanlalauvi Chawngthu	M.A, M.Phil	Associate Professor	Mizo Poetry	42	
Dr.Lalzama	M.A, Ph.d	Associate Professor	Mizo Folk song	39	
Dr. Zoramdinthara	MA, Ph.D	Assistant Professor	Mizo (Fiction/novel)	9	

Enid H.Lalrammuani	MA	Assistant Professor	Mizo (Drama)	8	
H.Laldinmawia	MA, PGJMC	Assistant Professor	Mizo (Poetry)	3	
Remlalthlamuanpuia	MA, M. Phil	Guest Faculty	Mizo (Poetry)	3	
Lalrotluanga	MA	Guest Faculty	Mizo (Drama)	-	

11. List of senior visiting faculty: **NIL**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **14.5 %**
13. Student -Teacher Ratio (programme wise):**14:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **NIL**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.
Ph.D – 2, MPhil – 2, MA – 3
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **NIL**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **NIL**
18. Research Centre /facility recognized by the University: **NIL**
19. **Publications:**
 - * Publication per faculty.
 - 1) Dr. Zoramdinthara - 6
 - 2) H. Laldinmawia - 6
 - 3) Enid H Lalrammuani - 4
 - 4) Remlalthlamuanpuia - 1
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students: **NIL**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **NIL**
 - * Monographs - **NIL**
 - * Chapter in Books – **NIL**

- * Books Edited
 - a) Dr. Zoramdinthara - 1
 - b) H Laldinmawia - 1
 - * Books with ISBN/ISSN numbers with details of publishers
 - 1. Dr. Zoramdinthara - ISBN: 978-93-82395-18-4
 - 2. H.Laldinmawia - ISBN: 978-81-8836-033-8
 - * Citation Index - **NIL**
 - * SNIP - **NIL**
 - * SJR - **NIL**
 - * Impact factor - **NIL**
 - * h-index - **NIL**
20. **Areas of consultancy and income generated:** NIL
21. **Faculty as members in**
- a) National committees: NIL
 - b) International Committees: NIL
 - c) Editorial Boards: Dr. Zoramdinthara – 1
22. **Student projects**
- a) Percentage of students who have done in-house projects including inter departmental/programme: **30%**
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **NIL**
23. **Awards / Recognitions received by faculty and students:**
H. Laldinmawia - 1
24. **List of eminent academicians and scientists / visitors to the department**
- a) Prof. Laltluangliana Khiantge
 - b) Prof RL Thanmawia
 - c) Lalhmingliana Saiawi IAS Retired
 - d) L. Keivom IAS Retired
 - e) Prof. R Thangvunga
25. **Seminars/ Conferences/Workshops organized & the source of funding**
- a) National:**
- (1)National Seminar on ‘Orality and Folk Literature in the Age of Print Culture : Contemporary Challenges and Prospect’ on 29-31 October, 2012 jointly organised by Department of Mizo and Department of History, Pachhunga University College. The seminar was sponsored by ICSSR.
 - (2) National Seminar on ‘Mizo Language: Contemporary Challenges and Prospect’ on 18th – 19th July 2013 was jointly organized by Department of Mizo, Pachhunga University College and Central Young Mizo Association. The seminar was financed by Central Institute of Indian Languages, (CIIL), Mysore.

b) International NIL

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BA Mizo 2011	78	38	20	18	75
BA Mizo 2012	309	50	22	28	50
BA Mizo 2013	227	50	23	27	61.9
BA Mizo 2014	311	50	21	29	64.29
BA Mizo 2015	242	47	17	30	50

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA Mizo 2008 -10	100%	0%	0%
BA Mizo 2009 -11	100%	0%	0%
BA Mizo 2010 -12	100%	0%	0%
BA Mizo 2011 -13	100%	0%	0%
BA Mizo 2012 -14	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	54.09%
PG to M.Phil.	3.89%
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
Campus selection	NIL
Other than campus recruitment	3.89 %
Entrepreneurship/Self-employment	41.55

30. **Details of Infrastructural facilities**
- a) Library : YES
 - b) Internet facilities for Staff & Students : YES
 - c) Class rooms with ICT facility : YES
 - d) Laboratories : NO
31. **Number of students receiving financial assistance from college, university, government or other agencies: NO**
32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts**
- (1) Invited Special lecture from 'L.Keivom (IAS Rtd), Mizo prominent writer' on 2011 at Students Recreation Hall.
 - (2) Invited Special lecture from 'Prof. Laltluangliana Khiangte, Principal, Serampore College (University), West Bengal' on 2012 at Block III Room No 5
 - (3) Special Lecture on 'Novel cum interaction with Lalhmingliana Saiawi (novelist)' on 28th March, 2014 at Mizo Department Lecture Hall, Pachhunga University College.
33. **Teaching methods adopted to improve student learning**
- (a) Teaching with PowerPoint presentation
 - (b) Explaining selected topics with teaching aid
 - (c) Poetry reading session
 - (d) Group discussion programmes
 - (e) Screening music videos (relevant to syllabus)
 - (f) PowerPoint presentation class/competition for students
 - (g) Acting some dramatic scenes in the class (relevant to syllabus)
 - (h) Participate in discussion programmes of literary magazine at All India Radio, Aizawl
 - (i) Making teaching aids and photo frames of Mizo prominent writers by students
34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**
- (a) Participated on 'TV Discussion programmes on Zirsangzela's poetry' on October 15, 2014 at Ignite Studio, Aizawl, Mizoram
 - (b) Participate on 'Special programmes for L.Biakliana (L), Mizo first novelist' on March 12, 2015 at Central YMA Hall, Aizawl.
 - (c) Students and faculties participate on some various programmes in connection with the syllabus and Mizo culture.
 - (d) Faculties are invited for resource person/experts on literature campaign by some local churches/organizations in Mizoram; to invite previewers for book release functions; to invited literary discussions/talk on TV, Radio and Doordarshan.
 - (e) Faculties are invited for judges in drama competition, poetry writing competition, essay writing competition etc. organized by some literary organizations in Mizoram

35. SWOC analysis of the department and Future plans**Strength:**

- (1) Qualified and interested faculties
- (2) Good cooperation among faculties
- (3) Sufficient volumes of Mizo books in College library
- (4) Good infrastructure/class room facilities
- (5) Punctuality and regularity are maintained by teachers
- (6) Consistently good examination results (Mizoram University BA Exams)
- (7) Felicitations of Department rank holders in BA examination

Weakness:

- (1) We need quality sound system in departmental room
- (2) We need whiteboard/green board in departmental room
- (3) We need a new desktop and laptop computers with a new printer in faculty room
- (4) We need new and quality chairs/tables etc. in faculty room
- (5) Poor internet connectivity
- (6) Only five sanctioned faculty posts. We need more 2 sanction posts.
- (7) Inadequate research publication

Opportunity:

- (1) Students understanding level is high since the Medium of instruction is Mizo language
- (2) Students and teacher can approach textbook writers and authors directly if they have a problem in their syllabus
- (3) Outside exposures

Challenges:

- (1) To take high responsibility for enrichment of Mizo literature
- (2) Faculties are expected to have knowledge of Mizo culture and traditions
- (3) 100% pass for Mizo Students in BA examinations
- (4) To produce 100% pass with 1st divisions for all the Mizo students

DEPARTMENT OF PHILOSOPHY

1. **Name of the department:** Philosophy
2. **Year of Establishment:** 1958 (with Logic as elective paper)
3. **Names of Programmes / Courses offered (UG, PG, M. Phil, PhD, Integrated Masters; Integrated Ph.D., etc.):** Bachelor of Arts in Philosophy (Introduced Philosophy Honors in 1976)
4. **Names of Interdisciplinary courses and the departments/units involved:**
Nil
5. **Annual/ semester/choice based credit system (programme wise):**
Nil
6. **Participation of the department in the courses offered by other departments:**
 - a) 'Introduction to Humanities' (29th Oct – 10th Dec 2011) organized by English Department PUC. (Lalsangkimi Sailo and Emily F Lalnunpuii contributed Lectures)
 - b) 'Human Rights Course' (24th June 2013) organized by Political Science Department PUC. (Lalsangkimi Sailo contributed Lectures)
7. **Courses in collaboration with other universities, industries, foreign institutions, etc:**
Nil
8. **Details of courses/programmes discontinued (if any) with reasons:**
Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	0	0
Associate Professors	1	1
Asst. Professors	3	3

10. **Faculty profile with name, qualification, designation, specialization, (D. Sc/D. Litt/PhD / M. Phil etc)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Lalsangkimi Sailo	M.A., M. Phil	Associate Professor	Logic, Social and Political Philosophy, Philosophy of Religion, Ethics	25	0

Dr Vanlaltanpuia	M.A., PhD	Assistant Professor	Existentialism & Phenomenology, History of Western Philosophy	9	0
Emily F. Lalnunpuui	M.A	Assistant Professor	Indian Philosophy, Ethics	7	0
M.S. Dawngliana	M.A	Assistant Professor	Metaphysics and Epistemology, Philosophy of Religion	3½	0

11. **List of senior visiting faculty:**
- Professor Sujata Miri, Indian Council of Philosophical Research.
 - Professor Xavier P Mao- Department of Philosophy, NEHU, Shillong.
 - Dr. Basil Pohlong, Associate Professor, Department of Philosophy, NEHU, Shillong.
 - Dr. Prasenjit Biswas, Associate Professor, Department of Philosophy, NEHU, Shillong.
 - Dr. Subhra Nag, Department of Philosophy, Assam University, Silchar
 - Dr. Kavita Choudhuri, Assistant Professor, University of Hyderabad
 - Dr. Saji Varghese, Associate Professor, Department of Philosophy, Lady Keane College, Shillong.
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 27.3%**
13. **Student -Teacher Ratio (programme wise):**
- 2011 – 2012: Annual + Semester = 6:1
 - 2012 – 2013: Semester = 7:1
 - 2013 – 2014: Even Semester = 29:2
Odd Semester = 35:2
 - 2014 – 2015: Even Semester = 17:1
Odd Semester = 17:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled: NA**
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.**
- PG – 2
 - M. Phil – 1
 - PhD – 1
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 1**
17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:**
- National Seminar on “Social Justice, Development and Secularism: Philosophical Reflection on Contemporary National; and Northeast Indian Scenario” sponsored by the Indian Council of Philosophical

Research (ICPR), Delhi on 29th and 30th November, 2012 at Aizawl, Mizoram. Contract with Cambridge Scholars Publisher, London (in press)

b) National Seminar in collaboration with the department of English PUC, on “Globalization and Ethnic Identity” sponsored by University Grant Commission (UGC), Delhi on 23rd & 24th May, 2013 at PUC Auditorium, Aizawl Mizoram.

18. **Research Centre /facility recognized by the University:** Nil

19. **Publications:**

* **Publication per faculty**

- i. Lalsangkimi Sailo- 3
- ii. Dr Vanlaltanpuia- 3
- iii. M. S. Dawngliana- 1

* **Number of papers published in peer reviewed journals (national / International) by faculty and students:**

Dr. Vanlaltanpuia - 3

* **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - 1**

* **Monographs-NA**

* **Chapter in Books-1**

* **Books Edited-NA**

* **Books with ISBN/ISSN numbers with details of publishers-1**

* **Citation Index-NA**

* **SNIP-NA**

* **SJR-NA**

* **Impact factor- 3.38**

* **h-index-NA**

20. **Areas of consultancy and income generated - NA**

21. **Faculty as members in**

- a) National committees- 2
- b) International Committees - Nil
- c) Editorial Boards- 2

22. **Student projects**

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies. Nil

23. **Awards / Recognitions received by faculty and students:****Faculty:**

- i. Dr. Vanlaltanpuia was awarded doctoral degree by IIT, Guwahati on 13th February 2014

Students:

- i. Anthony Lalchhuanmawia was a Gold medalist in the B.A. MZU examination 2014
- ii. Vanlalrinchhana was a Gold medalist in the B.A. MZU examination 2014

24. **List of eminent academicians and scientists / visitors to the department:**

- a) Professor Sujata Miri, Indian Council of Philosophical Research.
- b) Professor Xavier P Mao- Department of Philosophy, NEHU, Shillong.
- c) Dr. Basil Pohlong, Associate Professor, Department of Philosophy, NEHU, Shillong.
- d) Dr. Prasenjit Biswas, Associate Professor, Department of Philosophy, NEHU, Shillong.
- e) Dr. Subhra Nag, Department of Philosophy, Assam University, Silchar
- f) Dr. Kavita Choudhuri, Assistant Professor, University of Hyderabad
- g) Dr. Saji Varghese, Associate Professor, Department of Philosophy, Lady Keane College, Shillong.

25. **Seminars/ Conferences/Workshops organized & the source of funding**

- a) National- 2
- b) International- NA

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.A Philosophy 2011	26	22	12	10	100
B.A Philosophy 2012	81	30	15	15	100

B.A Philosophy 2013	71	30	14	16	71.42
B.A Philosophy 2014	93	30	17	13	50
B.A Philosophy 2015	79	26	11	15	86.36
Average					81.556

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A(Philosophy) 2011-2015	100	0	0

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil.**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	12
PG to M. Phil	0
PG to Ph.D.	0
Ph.D. to Post-Doctoral	0
Employed	0
• Campus selection	
• Other than campus recruitment	21.2
Entrepreneurship/Self-employment	27

30. **Details of Infrastructural facilities**

- i. Library- Yes
- ii. Internet facilities for Staff & Students- Yes
- iii. Class rooms with ICT facility - Yes
- iv. Laboratories – No

31. **Number of students receiving financial assistance from college, university, government or other agencies: 138**

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:** Dr. Kavita Choudhuri, Assistant Professor, University of Hyderabad gave three special lectures related to Philosophy of Art, Feminism etc to 5th Semester Students on 31st January & 2nd February 2014.

33. **Teaching methods adopted to improve student learning.**

- a. Power point presentation
- b. Group Discussion
- c. Quiz
- d. Group competition
- e. Academic Film show

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**

Sl. No	Name of Faculty	Contribution to Corporate life and management of the Institution through Committee	Membership in Academic Society
1	Lalsangkimi Sailo	<ol style="list-style-type: none"> 1. Anti-ragging Committee(2011-2012) 2. Table Tennis Teacher i/c (2011, 2015) 3. Career Guidance & Counselling Cell(2011-2015) 4. Beautification Committee(2014) 5. Red Ribbon Club(2011-2015) 6. Co-convener -National Seminar on Globalization and Ethnicity(2013) 7. Convener-National Seminar on Social Justice, development and Secularism: Philosophical reflections on contemporary national and N.E Indian Scenario (2012) 8. Convener – Phulpui Village Adoption Committee (Department of Philosophy, Sociology and Psychology) 9. College Miss Contest Judge till date 10. Judge – College Quiz, Debate, Painting competitions 	N. E. Philosophy Teachers Association (i/c Mizoram)
2	Dr. Vanlaltanpuia	<ol style="list-style-type: none"> 1. Graduation Day Organizing Committee(2015) 2. Creativity / Finishing school(2014) 3. Beautification Committee(2014) 	<ol style="list-style-type: none"> 1.Heidegger Circle 2.Global Science and Technology Forum 3.Visiting Professor at Academy of Integrated Christian Studies (AICS), Tanhril.
3	Emily F. Lalnunpuii	<ol style="list-style-type: none"> 1. Library Committee(2014&2015) 2. Red Ribbon Club(2011& 2012) 3. Co-ordinator -IQAC Department (2012) 4. Graduation Dinner Organizing Committee(2011) 5. Teacher i/c - S. U Debating dep't (2011-2012) 6. Judge- College Week Painting Competition (2011) 7. Compere- Cultural Day(2011) 8. Teacher i/c - Volleyball (2011) 	1.N.E. Philosophy Teachers Association (Member)

		9. Workshop on Information Security Education & Awareness (ISEA) Organizing committee(2011) 10. Transportation i/c- National Seminar on Globalization and Ethnicity(2013) 11. i/c- Department Attendance compilation	
4	M.S. Dawngliana	1. Career Guidance & Counselling Cell(2014&2015) 2. IQAC Department Coordinator(2013-2015) 3. Red Ribbon Club(2013) 4. S. U Debating dep't , teacher i/c (2015) 5. Compere- Graduation Day (2015) 6. Security member- Graduation Day(2014) 7. Member of the Organizing committee - National Seminar on Globalization and Ethnicity(2013) 8. Member Organizing Committee - National Seminar on Social Justice, development and Secularism: Philosophical reflections on contemporary national and N.E Indian Scenario (2012) 9. i/c- Department Attendance compilation 10. i/c- Department Monthly Report	N. E. Philosophy Teachers Association (Member)

35. SWOC analysis of the department and Future plans:

a) Strength of our department:

- a) Student centered department.
- b) Past pupils are doing well in universities outside of Mizoram. Most of the students who did not go for further studies are all self-employed.
- c) Conducted 2 National seminars between 2012 -2013.
- d) Inculcating life skills etc besides covering the syllabus.
- e) Teachers are dedicated and available for the students.
- f) Give counseling to individual students.
- g) Good teachers and students relationship.
- h) Extend financial help to needy students, including past pupils.
- i) Learning from students to improve our teaching and ourselves.
- j) Good co-operation with other philosophy faculty from other North-east states.
- k) Asst. Prof. Vanlaltanpuia has a PhD from IIT Guwahati recently.

b) Weakness of our department:

- a) Lack of awareness about Philosophy among Mizo people especially students (Philosophy is not taught as a subject at school level in Mizoram).
- b) Students seeking admission in the department are mostly rejected students from other departments.
- c) With no background in philosophy at the school level students often find it difficult to understand the subject for quite some time.

- d) Inconsistent result, from very good to mediocre performance.
- e) More qualified teachers are required to introduce optional papers.
- f) Qualified local teachers are not readily available to replace teachers on leave.
- g) Past pupils face difficulties for further studies as there is no P.G course in philosophy in MZU.

c) Opportunities of our department:

- a) Philosophy being the foundation of all logical studies may open a whole lot of opportunities including administration, management and even religious studies.
- b) Mizoram opens up a vast scope for research in applied philosophy.

d) Challenges of our department:

- a) Try and make philosophy interesting, practical and easy to understand.
- b) Attract good students.
- c) Produce good results.
- d) Interaction of philosophy departments between other colleges within Mizoram and outside.
- e) Popularizing philosophy subject within the Mizo community in general and Mizoram University in particular.
- f) Try to impress upon Mizoram government to introduce Philosophy subject in school level and also in affiliated colleges. At present only 3 colleges in Mizoram have department of philosophy.

Future plans of the department:

- a) Conduct International seminars and more National seminars.
- b) Increase the strength of teachers and students.
- c) Faculties to pursue further studies.

DEPARTMENT OF POLITICAL SCIENCE

1. **Name of the department:** POLITICAL SCIENCE
2. **Year of Establishment:** 1958
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated PhD, etc.):** Under Graduate
4. **Names of Interdisciplinary courses and the departments/units involved:**
BA (as an elective paper for all core students up to IV Semester)
5. **Annual/ semester/choice based credit system (programme wise):**
Two overlapping courses have been offered during the period 2010-2015 due to the transition from Annual System to Semester System in June 2011 as regulated by Mizoram University. As such, 1) (Bachelor in Arts) Annual System i.e., 3 years integrated degree courses (General and Honors) in Political Science as well as 2) 6 Semester Courses (6 months duration per semester) for the degree of Bachelor in Arts in Political Science have been observed. Choice Based Credit System has not been implemented
6. **Participation of the department in the courses offered by other departments:**
6th Semester Students (2011-2014 batch) participated in Finishing School (A Course offered by the College for all VI Semester students to attend for a duration of one month i.e. May 2012 & May 2013 after the University Examination)
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** NIL
8. **Details of courses/programmes discontinued (if any) with reasons:** NIL
9. **Number of teaching posts**

	Sanctioned	Filled
Professors		
Associate Professors	3	3
Asst. Professors	2	2

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Sir Lalchamliana	M.A	Asso. Prof.	Government Structure and Electoral Politics	31	
Dr. Lalrammawii	M.A, M. Phil., PhD	Asso. Prof.	Govt. and politics, Election politics in Mizoram	30	
Dr. L.H. Chhuanawma	M.A, M. Phil., PhD	Asso. Prof.	Congress Party & Autonomy Movement in Mizoram	20	
Dr. Lalthakima	M.A., PhD	Asst. Prof.	State Politics	9	
Ms. Lal Lawmzuali	M.A	Asst. Prof.		3	

11. **List of senior visiting faculty:** NIL

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**

1. Sir. C. Laldinsanga (June 2014 – till date) – 18%
2. Lalmangaiha (October 2014- April 2015) – 9.2%

13. **Student -Teacher Ratio (programme wise)**

- I BA – 1: 85
II BA – 1: 63
III BA – 1: 9

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** NIL

15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:**

PG – 5 M. Phil- 2 Phd – 3

Name	PhD	M.Phil	PG
Sir Lalchamliana	-	-	MA
Dr. Lalrammawii	PhD	M.Phil	MA
Dr. L.H Chhuanawm	PhD	M.Phil	MA
Dr. Lalthakima	PhD	-	MA
Ms. Lal Lawmzuali	-	-	MA

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL**
17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:** Certificate Course on Human Rights (June 2013 – till date) total grants received: Rs. 3, 50,000/- Sanction No. – F 1-153/2012(HRE) Dt. 13.12.2013
18. **Research Centre /facility recognized by the University: NIL**
19. **Publications:**

* **Publication per faculty**

NAME	PUBLICATION
Sir. Lalchamliana	1
Dr. L.H Chhuanawma	2
Dr. Lalthakima	3
Ms. Lal Lawmzuali	2

* **Number of papers published in peer reviewed journals (national / International) by faculty and students: NIL**

* **Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL**

* **Monographs: NIL**

* **Chapter in Books:**

- a) Sir Lalchamliana : **1**
- b) Dr. L.H. Chhuanawma : **4**
- c) Dr. Lalthakima : **5**
- d) Ms. Lal Lawmzuali : **4**

* **Books Edited: NIL**

* **Books with ISBN/ISSN numbers with details of publishers:**

Sir. Lalchamliana

Name of Book - “*An Insight Into Phulpui*”(2014), Article name - Phulpui Village: A Study of Its Administration, published by - Mizo Academy of Sciences(MAS) D-36, RK Section, Sikulpuikawn, /mission Veng, Aizawl 796001, ISBN 978-81-924321-8-2

Dr. L.H.Chhuanawma

Name of Book - “*An Insight Into Phulpui*”(2014), Article name - Phulpui Village: A Study of Its Administration, published by - Mizo Academy of Sciences(MAS) D-36, RK Section, Sikulpuikawn, /mission Veng, Aizawl 796001, ISBN 978-81-924321-8-2

Name of Book – “*Government and Politics of Mizoram*”(2015), LH Chhuanawma, Lalthakima & Lal Lawmzuali, Published by - Scientific Book Centre, Guwahati, ISBN: 978-81-287-0013-2

Dr. Lalthakima

1. Name of Book - “*An Insight Into Phulpui*”(2014), article name - Phulpui Village: A Study of Its Administration, published by - Mizo Academy of Sciences(MAS) D-36, RK Section, Sikulpuikawn, /mission Veng, Aizawl 796001, ISBN 978-81-924321-8-2
2. Name of Book – “*Accounts from Mizoram*” article name - **MNF Movement in Mizoram** published by – Scientific Book Centre, Guwahati ISBN 978- 81- 287- 0003- 3
3. Name of Book – “*Government and Politics of Mizoram*”(2015), LH Chhuanawma, Lalthakima & Lal Lawmzuali, Published by - Scientific Book Centre, Guwahati, ISBN: 978-81-287-0013-2

Ms. Lal Lawmzuali

1. Name of Book - “*An Insight Into Phulpui*”(2014), Article name - Phulpui Village: A Study of Its Administration, published by - Mizo Academy of Sciences(MAS) D-36, RK Section, Sikulpuikawn, /Mission Veng, Aizawl 796001, ISBN 978-81-924321-8-2
2. Name of Book – “*Government and Politics of Mizoram*”(2015), LH Chhuanawma, Lalthakima & Lal Lawmzuali, Published by- Scientific Book Centre, Guwahati, ISBN: 978-81-287-0013-2

- * Citation Index: **NIL**
- * SNIP: **NIL**
- * SJR: **NIL**
- * Impact factor: **NIL**
- * h-index: **NIL**

20. **Areas of consultancy and income generated:** NIL

21. **Faculty as members in:**

- a) National committees b) International Committees c) Editorial Boards :-

INTERNATIONAL COMMITTEES
Ms. Lal Lawmzuali – Change Agent, representative of (India) National Council of YMCA’s of India, at the World Alliance of YMCA’s (2013-2015) Observer, Youth Participation & Leadership Development (YPLD), Asia Pacific Region of YMCAs (2013-2015)

22. **Student projects:** Certificate Course in Human Rights students go on field visits and are always asked to write Field Reports since 2013 till date.

- a) **Percentage of students who have done in-house projects including interdepartmental/programme:** NIL
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:** NIL
23. **Awards / Recognitions received by faculty and students:**

Students:

1. **Jerry Lalmuansanga (2014 Batch)** : Scoring the highest mark in the institution with a total of 1807 at the Mizoram University Undergraduate Examination, he was the recipient of the prestigious H.K Bawihchhuak Award in 2014. This award is given to the highest scorer in the arts stream.
2. **Lalneihkimi (2014 Batch)**: She represented the college as well as the state on numerous occasions in table tennis. She participated in:
 - a) 74th Senior National Table Tennis Championship 2013 (Dated 7-11 January 2013)
 - b) 27th North East Games (Dated 8-11 April 2013)
 - c) Mizoram University Sports Meet 2013-2014 (Dated 19-23 August 2013) where she received Gold Medal.
 - d) 39th National Women Sports Competition (Dated 7-10 January 2014)
 - e) Junior and Youth National Table Tennis Championship (Dated 15-18 January 2014)

She was also the recipient of medals (State Level) on various championship tournaments as stated below

- a) Youth 2013 Table Tennis Tournament – Silver medal
 - b) Women Single Table Tennis Tournament 2013 -2014 – Silver
 - c) Womens Team State Ranking Table Tennis Tournament 2014-2015 – Silver
 - d) T. R. Kohli Memorial State and Inter District Championship – Silver
24. **List of eminent academicians and scientists / visitors to the department:**
- a) Mrs Vanramchhuangi, Human Rights Activist, Aizawl, Mizoram
 - b) Dr. Lalhmanmawia, Government Aizawl North College
 - c) Mr. Lalthlamuana, CEO, ICT, Government of Mizoram
25. **Seminars/ Conferences/Workshops organized & the source of funding**
- a) National b) International:

Name of the Workshop	Duration	Organized by	Funded by
Administrative Effectiveness and E-Governance Initiatives	9 th October 2012	Department of Public Administration and Political Science	Information Communication Technology, Government of Mizoram

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BA, Dept. of Political Science, 2011	142	46	34	12	95
BA, Dept. of Political Science, 2012	178	42	33	9	69.56
BA, Dept. of Political Science, 2013	221	42	29	13	76.19
BA, Dept. of Political Science, 2014	320	45	37	8	79.31
BA, Dept. of Political Science, 2015	283	44	32	12	76.92

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Bachelor Degree in Political Science 2011	100%		
Bachelor Degree in Political Science 2012	100%		
Bachelor Degree in Political Science 2013	100%		
Bachelor Degree in Political Science 2014	100%		
Bachelor Degree in Political Science 2015	100%		
Certificate Course in Human Rights 2013	100%		
Certificate Course in Human Rights 2014	100%		
Certificate Course in Human Rights 2015	100%		

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? 1 (One)**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	42.85
PG to M.Phil.	0.57
PG to Ph.D.	0
Ph.D. to Post-Doctoral	0
Employed • Campus selection • Other than campus recruitment	18.28
Entrepreneurship/Self-employment	3.42

30. **Details of Infrastructural facilities**

- a) **Library:** Yes (61 Books)
- b) **Internet facilities for Staff & Students:** Yes
- c) **Class rooms with ICT facility:** Yes
- d) **Laboratories:** No

31. **Number of students receiving financial assistance from college, university, government or other agencies:** 150 since 2011-201532. **Details on student enrichment programmes (special lectures/workshops/Seminar) with external experts -**

- a) Students attend Seminar/Workshops conduct by the department and other departments. The department also organizes exposure programmes to the Mizoram Legislative Assembly.
- b) The department runs a flagship programme on *Certificate Course on Human Rights* sponsored by the UGC since 2013. Under this programme, field trips have been organized to Old Age Home, Central Jail, Gam Sabra etc

33. **Teaching methods adopted to improve student learning:**

- a) Debates, Discussions, Brainstorming sessions,
- b) Power- Point Presentation by teachers and students as well
- c) Students are given assignments

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Sir. Lalchamliana: He was the Secretary, MCTA for one term (1982-1983)

35. SWOC analysis of the department and Future plans:

Strength of the department:

- a. Consistently good results at MZU Examinations.
- b. Keen interest by the HOD in the department's welfare.
- c. The department attracts the best of students for admission in Arts stream.
- d. Intense counseling and career guidance of students
- e. Faculty with PHD's 66%
- f. Faculty runs UGC sponsored Certificate Course in Human Rights since 2013.

Weakness of your department:

- a. Very few publication of research works.
- b. very few research initiative.

Opportunities of your department:

- a. Sensitizing students on Human Rights issues
- b. Sensitizing students on the working of democracy

Challenges of your department:

- a. Better working coordination among faculty
- b. Organizing more exposures programmes

Future plans:

- a. One faculty to publish PHD thesis
- b. One faculty plan to apply for PhD in 2016

DEPARTMENT OF PUBLIC ADMINISTRATION

1. **Name of the department:** Public Administration
2. **Year of Establishment:** 2005
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :** B.A. in Public Administration
4. **Names of Interdisciplinary courses and the departments/units involved:**
Nil
5. **Annual/ semester/choice based credit system (programme-wise):** Semester system
6. **Participation of the department in the courses offered by other departments:** Life Skills Training and Suicide Awareness conducted by the Dept. of Psychology, PUC during October, 2015
7. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	4	4

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. David Zothansanga	M.A., PhD	Asst. Prof.	Police Administration; Indian Administration	9	Nil

H.C. Lalchhuanawma	M.A., M.Phil	Asst. Prof.	Local Governance; Economic Administration	9	Nil
Lalropari Renthlei	M.A.	Asst. Prof.	Administrative Theory; Environmental Administration	3	Nil
Dr. T. Sadashivam	M.A., Ph.D	Asst. Prof.	E-Governance; Rural Development	3	Nil

11. List of senior visiting faculty:

- 1) Prof. Srinibas Pathi, MZU
- 2) Lalthlamuana CEO, Mizoram, ICT
- 3) Prof. Deepak Agrawal

12. Percentage of lectures delivered and practical classes handled (programme-wise) by temporary faculty: Nil

13. Student -Teacher Ratio (programme wise):

SEMESTER	CORE	ELECTIVE
FIRST SEMESTER	11:1	64:1
THIRD SEMESTER	8:1	46.1
FIFTH SEMESTER	8:1	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. : PG- 04, M.Phil.-01, Ph.D. – 02

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Ongoing UGC Minor Project amount 2,40,000 by Dr. T. Sadashivam

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

* Publication per faculty	1) Dr. David Zothansanga	- 06
	2) H.C. Lalchhuanawma	- 05
	3) Lalropari Renthlei	- 02
	4) Dr. T. Sadashivam	- <u>23</u>
	Total - 36	

* Number of papers published in peer reviewed journals (national international) by faculty and students :
1) Dr. David Zothansanga - 04
2) H.C. Lalchhuanawma - 02
3) Lalropari Renthlei - 00
4) Dr. T. Sadashivam - <u>17</u>
Total - 23

*** Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.): Nil**

*** Monographs : Nil**

*** Chapter in Books : 13**

*** Books Edited : Nil**

*** Books with ISBN/ISSN numbers with details of publishers: Nil**

*** Citation Index : Nil**

*** SNIP : Nil**

*** SJR : Nil**

*** Impact factor : 17.78**

*** h-index : Nil**

20. Areas of consultancy and income generated : Nil

21. Faculty as members in

a) National committees

Dr. David Zothansanga

- 1) Member, Alumni Association of Department of Public Administration (Mizoram University and NEHU)
- 2) Member, Indian Institute of Public Administration, Regional Branch, Mizoram

H.C. Lalchhuanawma

- 1) Secretary, Alumni Association of Department of Public Administration (Mizoram University and NEHU)
- 2) Member, Indian Institute of Public Administration, Regional Branch, Mizoram
- 3) Member, Mizo History Association

Lalropari Renthlei

- 1) Member, Alumni Association of Department of Public Administration (Mizoram University and NEHU)
- 2) Member, Indian Institute of Public Administration, Regional Branch, Mizoram
- 3) Member, New Public Administration Society of India (NEPASI)

Dr. T. Sadashivam

- 1) Member, Indian Institute of Public Administration, Mizoram Regional Branch
- 2) Member, Indian Institute of Public Administration, New Delhi

b) **International Committees** : Nil

c) **Editorial Boards....** :

Dr. T.SADASHIVAM

- 1) Member, Editorial Board of ESRI (Economic and Social Research Institute) Journal, ISSN No: 0975-7635, published from Rajasthan.
- 2) Joint Editor of SJMS (Senhri Journal of Multi-disciplinary Studies) Journal, Published by Pachhunga University College, Aizawl, Mizoram.

22. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme** : 100 per cent

b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies** : 100 per cent

23. Awards / Recognitions received by faculty and students: Nil**24. List of eminent academicians and scientists / visitors to the department :**

- 1) Prof. Srinibas Pathi, MZU
- 2) Lalthlamuana, CEO, Mizoram ICT Society
- 3) Prof. Lalneihzovi, MZU
- 4) Prof. Lalrintluanga, MZU

25. Seminars/ Conferences/Workshops organized & the source of funding :

- a) International Level : Nil
b) National Level : 1

National Workshop on “Administrative Effectiveness and E-Governance Initiatives” which was sponsored by the Department of Information and Communication Technology, Government of Mizoram, held at the Seminar Hall, Pachhunga University College 9th October, 2012.

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011	129	43	23	20	58.33
2012	145	42	24	18	77.77
2013	103	42	27	15	93.75
2014	208	42	25	17	96.15
2015	151	44	21	23	77.04

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011	100	0	0
2012	100	0	0
2013	100	0	0
2014	100	0	0
2015	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense services, etc.? 3

29. Student progression

Student progression	Against % enrolled
UG to PG	23%
PG to M.Phil.	3%
PG to Ph.D.	2%
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	Nil
• Other than campus recruitment	5%
Entrepreneurship/Self-employment	80%

- 30. Details of Infrastructural facilities**
- Library:** Department Library
 - Internet facilities for Staff & Students:**
Internet & Wi-fi for faculty members and students
 - Class rooms with ICT facility:** One (Overhead Projector)
 - Laboratories:** Nil
- 31. Number of students receiving financial assistance from college, university, government or other agencies:** 200
- 32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:** Nil
- 33. Teaching methods adopted to improve student learning :**
- Debates and Discussions.
 - Power point presentation
 - Student presentations
 - Projects
 - Brain storming Session
 - Quiz Competition
- 34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Dr. DAVID ZOTHANSANGA

- Appointed as Counting Micro-Observers on general election to the Mizoram Legislative Assembly, 2013.
- Appointed as Micro-Observers on election to the Legislative Assembly from Aizawl South-III assembly constituency, 2013.
- Appointed as Observer for AIPMT (All India Pre-Medical and Dental Test), 2014, Guwahati.

H.C .LALCHHUANAWMA

- Teacher in charge for 'Cleanliness Drive Programme' under NSS in 2012.
- Appointed as Counting Micro-Observers on bye-election to the Legislative Assembly from Chalfilh Assembly Constituency, 2013.
- Appointed as Micro-Observers on election to the Legislative Assembly from Aizawl West-II Assembly Constituency, 2013.
- Appointed as Counting Micro-Observers on General Election to the Mizoram Legislative Assembly, 2013.
- Appointed as Presiding Officer in the Aizawl Municipal Corporation election, 2015.

LALROPARI RENTHLEI

Appointed as Counting Micro-Observers on General Election to the Mizoram Legislative Assembly, 2013.

35. SWOC analysis of the department and Future plans:

Strengths:

- 1) Very young faculty
- 2) Good and efficient faculty
- 3) Good and healthy relationship among the faculty.
- 4) Voluntary financial contribution by the faculty for the development of the department.

Weaknesses:

- 1) Lack of research initiatives.
- 2) Lack of academic contribution, in the form of articles, books etc.
- 3) Lack of initiative in organizing seminars/workshop.

Opportunities:

To make students aware about the need for working for the welfare of the people in the society.

Challenges:

- 1) Large number of students in class, especially in elective.
- 2) Shortage of Faculty.
- 3) To give outside exposure to the students

Future plans of the department:

- 1) To conduct seminars/workshop
- 2) Calling eminent people/experts for lecture to the department
- 3) Establishing good departmental library
- 4) Subscribing newspaper for the personal departmental copy to benefit students and faculty.
- 5) To take up research projects sponsored by various agencies

DEPARTMENT OF PSYCHOLOGY

1. **Name of the Department** : Psychology
2. **Year of Establishment** : 1983
3. **Names of Programmes / Courses offered:**
 - * Bachelor in Arts (Annual System). Three years Integrated Degree Courses (General & Honours) in Psychology.
 - * Semester System (Under-Graduate)
4. **Names of Interdisciplinary Courses and the Departments/ Units involved:**
NIL
5. **Annual/ semester/choice based credit system:**
Choice Based Credit System (CBCS) has not been introduced yet.
Annual and Semester Syllabus is being followed.
6. **Participation of the department in the courses offered by other departments** : NIL
7. **Courses in collaboration with other universities, industries, foreign institutions, etc:** NIL
8. **Details of Courses / Programmes discontinued (if any) with reasons:** NIL
9. **Number of teaching posts:**

	Sanctioned	Filled
Associate Professor	-	-
Asst. Professor	4	4
Total	4	4

10. **Faculty profile with name, qualification, designation, specialization:**

Name	Qualification	Designation	Specialization	Years of Exp
Dr. Rinpari Ralte	M.A, PhD	Assistant Professor	Clinical Psychology and Social Psychology	13 years
Dr. Saichampuii Sailo	M.A., PhD	Assistant Professor	Organizational Behavior and Social Psychology	15 years
Mrs. Lal Thantluangi Sailo	M.A.	Assistant Professor	Clinical Psychology	11 years
Mrs. Lalropuii	M.A	Assistant Professor	Clinical Psychology	5 years

11. **List of Senior Visiting Faculty:** NIL
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 20%
13. **Student -Teacher Ratio (Programme Wise):**
- | | | |
|--------------|---|-----|
| I Semester | = | 1:9 |
| III Semester | = | 1:7 |
| V Semester | = | 1:4 |
14. **Number of Academic Support Staff (technical) and Administrative Staff:**
Sanctioned – 2, Filled - 2
15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:**
- | | | | | |
|----------------------------|-------------|---------|---|------|
| PG-4 | M. Phil - 0 | PhD – 2 | | |
| Dr. Rinpari Ralte | | M.A. | - | Ph.d |
| Dr. Saichampuii Sailo | | M.A. | - | Ph.D |
| Mrs. Lal Thantluangi Sailo | | M.A | - | - |
| Ms. Lalropuii | | M.A. | - | - |
16. **Number of Faculty with ongoing projects from (a) National (b) International funding agencies and grants received:** NIL
17. **Department projects funded by DST – FIOST; UGC, DBT, ICSSR, etc and total grants received:** NIL
18. **Research Centre / Facility recognized by the University:** NIL
19. **Publications:**
- * **Publication per faculty:**
 - a) Dr. Rinpari Ralte – 4;
 - b) Dr. Saichampuii Sailo - 3
 - c) Lal Thantluangi Sailo – 1;
 - d) Lalropuii – 1
 - * **Number of papers published in peer reviewed journals by faculty and students = 3**
 - * **Number of Publications listed in International Database: NIL**
 - * **Monographs: NIL**
 - * **Chapter in Books: Dr. Rinpari Ralte = 1; Dr. Saichampuii Sailo = 2; Mrs. Lalropuii = 1**
 - * **Books Edited: Dr. Rinpari Ralte = 1; Dr. Saichampuii Sailo = 2**
 - * **Books with ISBN/ISSN numbers with details of publishers: 2;**
Mittal Publications, New Delhi ISBN-81-8324-505-8-2 & Cambridge Scholar Publishing. UK. ISBN-13-978-1-4438-8361-0 and ISBN-10-1-4438-8361-1 pages 170

*Citation Index: NIL

*SNIP: NIL

*SJR: NIL

*Impact Factor: NIL

*h-index: NIL

20. **Areas of Consultancy and Income Generated: NIL**

21. **Faculty as Members in (a) National Committees (b) International Committees Editorial Boards:**

- Dr. Rinpari Ralte was appointed as an executive committee member, Mizoram Psychology Association (MPA) from 2011 till date.
- Dr. Rinpari Ralte was appointed as an executive committee member, Psychology Alumni, Mizoram University from 2013 till date.
- Dr. Saichampuii Sailo was appointed to be an executive member in the Zoram Research Foundation (ZoRF) from 2008 till date.
- Dr. Saichampuii Sailo was appointed as the President, Centre for Peace and Development (CPD) from 2011 to 2015.
- Dr. Saichampuii Sailo was appointed to be Vice President in the Psychology Alumni, Mizoram University from 2013 till date.
- Mrs. Lal Thantluangi Sailo was appointed as Executive Committee member, Mizoram Psychology Association from 2015 till 2017.

22. **Student Projects**

- (a) % of students who have done in-house projects including inter-departmental/programmes: 50%
- (b) % of students placed for projects in organizations outside the institution i.e., in research laboratories / industry / other agencies: 0%

23. **Awards/ Recognitions received by faculty and students:**

Faculty : Nil

Students : The Department presented Awards to all the Rank Holders and First Divisioners of both Annual and Semester students from 2011 onwards. The Awards presented to them were relevant psychology textbooks and Dictionary of Psychology.

24. **List of Eminent Academicians and Scientists / Visitors to the Department:**

- 1) Prof. L. N. Suman, Clinical Psychologist, NIMHANS, Bangalore
- 2) Prof. A. Bimol, CSSS (Centre for the Study of Social System), JNU, New Delhi

25. **Seminars/ Conferences/Workshops organized & the source of funding:**

- a) **International level: *Aggression and its related Issues*** organized by Department of Psychology, PUC, funded by State Bank of India, Aizawl Branch on 19th April 2012.
- b) **National Level: *Suicide: Causes & Prevention*** organized by Department of Psychology, PUC sponsored by UGC on 6th – 8th December, 2011
- c) **State Level: *One-Day State Level Workshop on Suicide: Sensitization and Prevention Among Media Professionals*** on 10th September, 2014 funded by NHM, H&FW, GoM sponsored

- d) A “*State-Level Workshop on Mental Health*” to commemorate World Mental Health Day was held on 10th October, 2014 in collaboration with the Department of Psychology, Mizoram University funded by Department of Psychology, PUC
- e) A *7 day Life skills Training Programme* was conducted among the fifth semester students of six departments in the College. It was held between 12th – 20th October, 2015 and was funded by the College.

26. Student Profile Programme/Course Wise:

Name of the Course/Programme	Applicatio Received	Selected	Enrolled		Pass percentage
			*M	*F	
Bachelor of Arts (Psychology) 2011	37	31	5	26	91%
Bachelor of Arts (Psychology) 2012	79	30	7	23	100%
Bachelor of Arts (Psychology) 2013	61	30	6	24	87.5%
Bachelor of Arts (Psychology) 2014	98	35	9	26	37.5%
Bachelor of Arts (Psychology) 2015	90	43	11	32	94.44%
					82.088%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Bachelor of Arts in Psychology 2011	100%	Nil	Nil
Bachelor of Arts in Psychology 2011	100%	Nil	Nil
Bachelor of Arts in Psychology 2011	100%	Nil	Nil
Bachelor of Arts in Psychology 2011	100%	Nil	Nil
Bachelor of Arts in Psychology 2011	100%	Nil	Nil

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?** NA

29. **Student Progression**

Student progression	Against % enrolled
UG to PG	74%
PG to M. Phil.	0%
PG to Ph.D.	0%
Ph.D. to Post-Doctoral	0%
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	25.6%
Entrepreneurship/Self-employment	2.5%

30. **Details of Infrastructural Facilities**

- a) **Library** : Yes
 b) **Internet facilities for Staff & Students** : Yes
 c) **Class rooms with ICT facility** : Yes
 d) **Staffroom** : Yes

31. **Number of students receiving financial assistance from college, university, government or other agencies:** NIL

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts :**

1. Special lecture on mental health on World Mental Health Day, 10th October, 2014 by Dr.Zothanzami of Govt. Hrangbana College and Ms. Malsawmtluangi of Govt. Aizawl West College.
2. Special lecture on “Professional Prospects in Psychology” by Mrs. Rebecca Lalbiaksangi, Community Psychologist working at Penrhys, Wales on 28th July, 2015.

33. **Teaching methods adopted to improve student learning:**

The Department regularly organizes Group Discussions and Classroom Seminars/Paper Presentations on various topics from within the syllabus.

34. **Participation in Institutional Social Responsibility (ISR) and Extension Activities:**

1. Village adoption, Phulpui village, undertaken by the entire College.
The Department of Psychology made two visits to the village. In the first visit, two psychological tests, parent child & Adjustment tests were administered to High school students in the village. The students were also given a short lecture on Mental Health.
In the second visit, the Perceived Stress Scale test was administered on the same students and a short lecture on Manners & Etiquette and Health & Hygiene was also given.
2. Practical Work cum Field Trip: the department has conducted testing of patients in the Psychiatry ward, Civil Hospital run by the state government on many occasions. Such assessments are an integral part of their syllabus and the results are made available to the hospital if required.
3. Parent Teacher Association (PTA) Formation cum First Meeting:
The Parent Teacher Association was formed for each semester as directed by the Principal. The associations for the current third (III) and fifth (V) were formed in the last semester; parents / legal guardians were invited to the college and a general meeting was held between the invitees and all teachers of the department.
The parents were informed about general rules concerning attendance, internal assessment schedules etc. Four office bearers were selected among the parents and it was decided that a Whatsapp group be made comprising all teachers of the department and parents to enable better communication and relations.
For the current first (I) semester students, a parent teacher meeting was called on the 13th August, 2015 and the same initiatives undertaken for the other semesters were also done with this batch.
4. Mrs. Lal Thantluangi Sailo has also been appointed as Psychologist for ZO United Football Club, a team playing at the highest professional level in Mizoram. She has conducted a number of sessions with the team, ranging from Communication Skills for players to lectures on Strategies for dealing with and recovering from injury.
In this regard, Dr. Rinpari Ralte was also invited to give a lecture to the players on “Stress Management” on 9th August, 2015.
5. Dr. Rinpari Ralte and Mrs. Lal Thantluangi Sailo were invited by SHALOM, an NGO working for HIV+ & IDUs as well as among the youth under Child Protection Policy, as Resource persons at their Lifeskills Programme for HIV infected and affected children aged 10-15 on the 8th of August, 2015.
They also gave lectures on Stress Management and Relationship skills to HIV infected and affected youth aged 15 and above on the 28th November, 2015.
6. Dr. Rinpari Ralte and Mrs. Lal Thantluangi Sailo have been regularly giving lectures on Stress Management, Anger management and Lifeskills since 2013 at the Administrative Training Institute, Government of Mizoram since 2015.

7. Dr. Rinpari Ralte and Mrs. Lal Thantluangi Sailo were invited to give lectures on “Stress Management & Lifeskills Development” by the CARE Project, World Vision India on 17th September, 2015.
8. Dr. Saichampuii Sailo was an invited speaker at the Opening Ceremony of “Outreach Programmes in Schools (Awareness Seminar)” on the 15th October, 2014 by the Directorate of Sports and Youth Services, Mizoram.
9. Mrs. LalThantluangi Sailo was invited to give a lecture on “Anger Management” in the Foundation Course for Mizoram Civil Service officers 2015 batch on 1st December, 2015.

35. SWOC analysis of the department

1. Strength of your Department

- Active, Excellent and Committed Teachers
- Strong Intra-Departmental Communication
- Sense of Community in the Department
- Excellent Educational Environment

2. Weakness of your Department

- Collaborative Research
- Being UG college, research activity not upto par with PG
- Very few publication of research works
- Inadequate laboratory equipment
- All permanent staff are women/mothers/homemakers and this sometimes affects their work

3. Opportunities of your Department

- To get involved and take up research activity
- Research Project

4. Challenges

- Publication in Journals
- ISBN books
- Research Collaboration

5. Future plans of the department

- Acquiring PhD Degree
- Consultancy with Ngo’s and State Departments
- To organize more International/National Workshops, Seminars on different Social issues
- To apply for research projects to different funding agencies

DEPARTMENT OF SOCIOLOGY

1. **Name of the department:** Sociology
2. **Year of Establishment:** 1982
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :** UG course for BA Sociology (Hons)
4. **Names of Interdisciplinary courses and the departments/units involved:**
BA (Hons) Students from the following Departments opt Sociology Courses -
 - Department of English
 - Department of Education
 - Department of Political Science
 - Department of Public Administration
 - Department of Philosophy
5. **Annual/ semester/choice based credit system (programme wise):**
 - Semester System, which consists of I & II Internal Exams conducted internally by the Department & University End Semester Exam conducted by Mizoram University
 - I Internal Exam - 40 Marks for each Paper
 - II Internal Exam – 40 Marks for each Paper
 - University End Semester Exam - 75 Marks for each Paper
6. **Participation of the department in the courses offered by other departments:**
 - Department of English
 - Department of Political Science
 - Department of Public Administration
 - Department of Philosophy
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Not Applicable
8. **Details of courses/programmes discontinued (if any) with reasons:**
Not Applicable
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	NA	NA
Associate Professors	2	YES
Asst. Professors	2	YES

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	Ph.D. Students guided for the last 4 years
Lallungmuana	MA	Associate	Population Studies	34	NA
Dr R Lalthangliana	M. Phil PhD	Associate	Social Mobility	31	NA
Lalbiakzuali Colney	MA	Assistant	Rural Sociology	22	NA
Dr N William Singh	M. Phil PhD	Assistant	Northeast Studies	9	NA
Saitluangpuii Sailo	MA	Guest Faculty	Religious Studies	6	NA
Lalmuankimi	MA	Guest Faculty	Social Change	5	NA

11. **List of senior visiting faculty:** Not Applicable

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:**

For the session 2014-15

Saitluangpuii Sailo – 173

Lalmuankimi - 177

13. **Student -Teacher Ratio (programme wise):**

I Semester Sociology – 43

III Semester Sociology – 41

V Semester Sociology – 35

(Total – 119) Student –Teachers Ratio = 1:30

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Not Applicable

15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.**

PG – 6 M. Phil – 2 PhD - 2

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**

On Application by Dr N William Singh, Major Research Project at ICSSR 2015-2017.

17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:** On Application
18. Research Centre /facility recognized by the University:
- **Central University of Hyderabad Entrance Examination:**
 - Pachhunga University College has been selected as the centre for conducting University of Hyderabad Entrance Examination. The Department of Sociology has been entrusted by the Principal for this job with the Head of the Department of Sociology acting as the external co-ordinator for the past seven years. Even though this responsibility entails duty even on Sundays and State holidays involving utmost care and meticulous maintenance of records, the Department is pleased to establish academic linkage with such a highly renowned institution as the University of Hyderabad. The Department Faculty members feel amply rewarded to see a good number of candidates who have got admission through such Entrance Examination.
19. **Publications: 2010 – 2015**
- Publication per faculty : Lallungmuana – 3 papers, 1 Chapter (Ed.Book)
 - Dr R Lalthangliana – 1 Chapter (Ed. Book)
 - Lalbiakzuali Colney – 1 Chapter (Ed.Book)
 - Dr. N William Singh – 6 Papers, 4 Chapters (Ed. Book), 1 Book
 - Saitluangpuii Sailo – 1 Chapter (Ed.Book)
 - Lalmuankimi – 1 Chapter (Ed.Book)
 - Number of papers published in peer reviewed journals (national / international) by faculty and students:
 - Peer Reviewed: 6 (International)
 - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - Monographs: NA
 - Chapter in Books: TWO
 1. Myanmar on the Margins, ISEAS Press Singapore
 2. Phulpui, Aizawl.
 - Books Edited : 1 (one) by N.William Singh “Becoming Something Else: Society & Change in India’s Northeast”, Cambridge Scholars Publishing, UK, 2015.
 - Books with ISBN/ISSN numbers with details of publishers:
9781443883610
 - Citation Index: NA
 - SNIP: 0.0908 (Economic & Political Weekly)
 - SJR: 0.172 (Economic & Political Weekly)
 - Impact factor: NA
 - h-index: 21

20. **Areas of consultancy and income generated:** Not Applicable
21. **Faculty as members in**
- a) National committees
 - b) International Committees
 - c) Editorial Boards: Dr. N. William Singh (Peer Review Board), Journal of Cultural & Religious Studies, IL, USA, (2015-17).
22. **Student projects**
- a) Percentage of students who have done in-house projects including inter departmental/programme
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:
 - 100 % (All the V & VI Semester Students Compulsory Project Work – Write a 3000 Essay on the Topic of Various Social Issues)
 - Practical work is also given to final year students to help acquaint themselves with research techniques within the college campus. Manners and etiquette, personality development, methods of essay writing and interview techniques are also taught along with the syllabus. It is pleasing to note that even outsiders approach to avail service of the Department for job-orientation and consultation.
 - Individual Counselling for all Core students
 - Mentoring /Tutor ward system for all the Core students
 - Departmental Awards - Special Scholarship for meritorious students
 - Official Departmental website for Academic concern and Excellence
 - Workshop on Right to Information Act with Resource person, 2015
 - Exposure trip for students to Koinonia Fruit Juice Processing Plant, Mizoram, 2014
 - Exposure trip for students to ISPAT Steel Plant, Mizoram, 2014
23. **Awards / Recognitions received by faculty and students**
- Dr. N William Singh, DAAD Scholar, Freie Universitat, BERLIN, 2012-13.
 - Vanlalpeka (2015), HK Bawichhuaka Special Proficiency Award
 - Ruthi KC Lalchhanhimi (2013), HK Bawichhuaka Special Proficiency Award (*Note: Both the students scored highest mark in BA Arts Stream under Mizoram University. Their record has not been broken, YET in BA Arts Stream*).
24. **List of eminent academicians and scientists / visitors to the department**
- Prof Sanjay Hazarika, Director & Sr Journalist, Center for North East Studies & Policy Research, Jamia Milia Islamia, New Delhi
 - Prof A Bimol Akoijam, CSSS, JNU, New Delhi
 - Michael Schneider, Journalist.
 - M RajShekar, Journalist, Scroll.in

25. **Seminars/ Conferences/Workshops organized & the source of funding**

a) National

- 2013, UGC- Rethinking Social Change.
- 2010, UGC – Suicide: A Multidisciplinary Approach
- 2003, ICSSR – Insurgency in Northeast India

b) International: Not Applicable

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011 BA Sociology	68	47	20	27	86
2012 BA Sociology	116	42	18	24	66.66
2013 BA Sociology	87	42	20	22	81.48
2014 BA Sociology	137	42	16	26	60
2015 BA Sociology	128	47	20	27	95
Average					77.87

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011 BASociology	80	20	NA
2012 BASociology	73	27	NA
2013 BASociology	86	14	NA
2014 BASociology	90	10	NA
2015 BASociology	82	18	NA

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET – 15

SIET – 10

Civil Service - 5

29. **Student progression**

Student progression	Against % enrolled
UG to PG	78%
PG to M.Phil.	20%
PG to Ph.D.	8%
Ph.D. to Post-Doctoral	NA
Employed	
Campus selection	1 Air Hostess
Other than campus recruitment	8 Teachers 1 Reverend
Entrepreneurship/Self-employment	2

30. **Details of Infrastructural facilities**

- a) **Library:** The Department possesses more than hundred textbooks and official reports
- b) **Internet facilities for Staff & Students:** Wi-Fi & Internet facilities are available at the Departmental Class room and Department Room.
- c) **Class rooms with ICT facility:** YES

31. **Number of students receiving financial assistance from college, university, Government or other agencies:**

- ST Scholarship from Mizoram for Sociology Students.

32. **Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:** Organized on periodic basis during Semester session.

- Remedial Courses
- Counseling
- Film show (Documentary)
- Invited lectures

33. **Teaching methods adopted to improve student learning**

- Power point Teaching
- Assignments and Presentations
- Oral Quiz/Test
- Class Test
- Orientation for Library database usage

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:***Lallungmuana:*

- Member, Academic Committee, PUC
- Member, Creativity and Finishing School, PUC
- Discipline and Campus Management, PUC

- Chairman, Career Guidance and Counselling Committee, PUC
- Member, State Level Anti-Tobacco Task Force
- Consultant, Japan International Cooperation Agency (JICA) assisted State Project Management Unit
- Member, State Wildlife Protection Council

Dr.R. Lalthangliana:

- PUC Building Committee (2013-present)
- Chairman, PUC Cultural Day Committee (2015)
- Chairman on Dept of Sociology National Seminar (2013)

Labiakzuali Colney:

- Member, PUC Exam Cell (2011-2015)
- Member, PUC Canteen Committee (2011-13)
- Member, PUC Ethics Committee (2011-2013)
- Member, PUC Women Cell (2011-13)
- Vice-Chairman, Cleanliness & Beautification Committee (2013-15)
- Member, Campus Beautification Committee (2014-15)
- Chairman, refreshment Sub-Committee, PUC Cultural Day 2015

Dr N William Singh

- IQAC co-coordinator, PUC Sociology Department (2013 – till present)
- UGC-PUC Member (2013-till present)
- Organizing Secretary on Dept of Sociology National Seminar (2013)

35. **SWOC analysis of the department and Future plans**

Strength of the Department:

- Consistently good examination results (Mizoram University BA Exams)
- Organized Seminars & Conference
- Organized Study & Field trips for students
- Individual Counseling for students
- Faculties monthly financial contribution for students scholarship
- Good rapport with the students
- Rotation of topics amongst faculty members
- Felicitation of Department rank holders in BA examination
- Distribution of work in charge amongst the faculty members
- Proper maintenance & regular updating of students profile
- Proper maintenance of departmental Library
- Proper maintenance of reading materials for all topics
- Healthy personal relationships amongst the faculty members
- Utilization of enhanced teaching facilities – projectors, internet facilities and computers
- Special care given to Sociology students needing special attention, e.g. Physically challenged, pregnant students and underprivileged students

Weakness of the Department:

- Weak Student – Faculty Ratio (30:1)
- Only four sanctioned Faculty posts
- Need for more sociological books at the Department's Library

Opportunities of the Department:

- Experienced faculties
- Outside exposures
- Academic linkage with Department of Sociology, Mizoram University
- More utilization of Internet Resource Centre for Sociology students

Challenges:

- 100% pass for Sociology Students in BA examinations
- To produce 100% pass with 1st divisions (not 2nd division) for all the Sociology students
- Giving power point presentations experience for the final year Sociology students

DEPARTMENT OF BOTANY

1. **Name of the department:** Department of Botany
2. **Year of Establishment:** 1973
3. **Names of Programmes/Courses offered (UG, PG, M. Phil., PhD, Integrated Masters; Integrated PhD, etc.):** UG
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual/semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts**

	Sanctione	F
	Nil	Nil
Associate Professors	1	1
Asst. Professors	5	5

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /PhD/M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the Last 4 years
Dr. C. Lalrawna**	M.Sc., PhD	Associate Professor	Microbial Ecology	40	Nil
Dr. H.S. Thapa	M.Sc., PhD	Associate Professor	Plant Taxonomy	35	Nil
Dr. H. Lalruatsanga	M.Sc., PhD	Assistant Professor	Angiosperm Embryology	10	Nil

Dr. Vanlalhruii Ralte	M.Sc., PhD	Assistant Professor	Angiosperm Taxonomy	10	Nil
Dr. Khomdram Sandhyarani	M.Sc., PhD	Assistant Professor	Biochemistry, Taxonomy	1	Nil
Dr. P.C. Vanlalhluna	M.Sc., PhD	Assistant Professor	Microbial Ecology	2	Nil
Dr. Rajesh Kumar	M.Sc., PhD	Assistant Professor	Plant Biotechnology	1	Nil
Mr. Zothanmawia	M.Sc.	Assistant Professor	Phycodiversity	2	Nil

** Super-annuated, * Resigned and joined MZU

11. **List of senior visiting faculty:** NIL
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**

	Theory	Practicals
2011-2012	10%	5%
2012-2013	10%	5%
2013-2014	30%	13%
2014-2015	10 %	5%
2015-2016	Nil	Nil

13. **Student –Teacher Ratio (programme wise)**

Session	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
	42:1	53:1	53:1	54:1	38:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** 2 Sanctioned, 2 Filled
15. **Qualifications of teaching faculty with DSc/ D. Litt/ PhD/ M. Phil/ PG:**
Ph.D =5, PG = 1
16. **Number of faculty with ongoing projects from (a) National (b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:**
 - i. Phytochemical Screening and Antimicrobial Activity of Ipomoea cairica (L) Sweet.UGC (NERO),
 - ii. Cryptogamic Diversity of Pachhunga University College Campus. Institutionally funded.
 - iii. Common grasses and sedges of Aizawl City. Institutionally funded.

Total grants received: Rs. 2, 00,000.00

18. **Research Centre/facility recognized by the University:** Research & Instrumentation Available
19. **Publications:**
- * **Publication per faculty:**
 - a) Dr. H.S. Thapa 4;
 - b) Dr. H. Lalruatsanga 4;
 - c) Dr. Vanlalhrui Ralte 6;
 - d) Dr. Khomdram Sandhyarani Devi 3;
 - e) Dr. P.C. Vanlalhluna 4;
 - f) Dr. Rajesh Kumar 5;
 - g) Mr. Zothanmawia 2.
 - * **Number of papers published in peer reviewed journals (national/ international) by faculty and students:** 10
 - * **Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.):** 16
 - * **Monographs:** Nil
 - * **Chapter in Books:** 3
 - * **Books Edited:** 2
 - * **Books with ISBN/ISSN numbers with details of publishers**
 - i) "Cryptogamic Diversity of Pachhunga University College Campus" – Published by Mizo Academy of Sciences (MAS) (2014). ISBN 978-81-924321-9-9
 - * **Citation Index:** 24
 - * **SNIP:** Nil
 - * **SJR:** Nil
 - * **Impact factor:** Total 7.67; Average 1.534
 - * **h-index:** 16
20. **Areas of consultancy and income generated:** Nil
21. **Faculty as members in**
- a) National committees: Dr. H.S. Thapa
 - b) International Committees: Nil
 - c) Editorial Boards: Nil
22. **Student projects**
- a) Percentage of students who have done in-house projects including interdepartmental/programme: 100% (V&VI Semesters)
 - b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil
23. **Awards / Recognitions received by faculty and students:** Nil

24. **List of eminent academicians and scientists/visitors to the department:**
Prof. B Manihar Sharmam Manipur University, Dr. R. Lalfakzuala (Assistant Professor, Dept. of Botany, MZU)
25. **Seminars/Conferences/Workshops organized & the source of funding:**
a) **National:** Conference on “Bio-resource Inventory and Emerging Conservation Strategies with Special Reference to Northeast India (BICON 2013)” funded by DBT Star College Scheme of Pachhunga University College.
b) **International:** Nil
26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011	83	45	26	19	77
2012	116	47	20	27	100
2013	79	50	27	23	69.23
2014	218	48	19	29	84.21
2015	154	56	16	25	75
			Average		81.088

*M=Male *F=Female

27. **Diversity of Students**

Name of the Course	%of students from the same state	%of students from other States	% of students from abroad
2011	100	0	0
2012	97.87	2.13	0
2013	98	2	0
2014	97.92	2.08	0
2015	100	0	0

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:** NA

29. **Student progression**

Student progression	Against % enrolled
UGtoPG	83.92%
PGtoM.Phil.	NA
PGtoPh.D.	NA
Ph.D.toPost-Doctoral	NA
Employed	Nil
•Campusselection	
•Other than campus recruitment	1.79%
Entrepreneurship/Self-employment	

30. **Details of Infrastructural facilities**

- a) **Library:** Departmental Library
- b) **Internet facilities for Staff & Students:** Available
- c) **Class rooms with ICT facility:** Available
- d) **Laboratories:** 2 (1 General UG Lab., 1 Core Students' Lab.)

31. **Number of students receiving financial assistance from college, university, Government or other agencies:** 214 (92% of 231)32. **Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:**

Dr. R. Lalfakzuala, Invited Lecture on "Role of Microbes as Biofertilizers" for III & V Semester Students

33. **Teaching methods adopted to improve student learning:** Tutor – Ward system, Academic Film Shows, PowerPoint Presentations, Book reviews, Pop Quiz (Oral and Written), Assignments, Field Visits, Study Tour34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- a. On-the-spot Lecture on Mulching and Agroforestry at Mulberry Farm, Phulpui Village, Aizawl District: Dr. P.C. Vanlalhluna
- b. On-the-spot Lecture on Medicinal Plants of Phulpui forest: Dr. H.S. Thapa

35. **SWOC analysis of the department and Future plans****Strength:**

- a) The department is the premier in the state with all the 6 teaching faculty members having research experience. We also have an experienced laboratory staff for practical class and project works.
- b) The department has Well-equipped laboratory with all the necessary facilities even for research activities.

- c) The Department till date, with the expertise of some faculty members served the consulting and main agency of plant identification in the region.
- d) In continuation to students' project assigned to various batches, the faculty members co-coordinately accomplished a thorough college campus survey for a period of almost 2 years, they published a book "Cryptogamic diversity of Pachhunga University College campus" bearing ISBN 978-81-924321-9-9.
- e) Majority of the teaching faculty are former students and alumni of the college which cultivates a sense of respect as well as camaraderie. The department boasts of a wonderful working relationship.
Excellent result at University Examination
Faculty with 80% PhD

Weakness:

- a) Till date, we do not afford to have a research laboratory apart from the existing UG general laboratory.
- b) Owing to the hectic time bound academic activities of semester system, we could not spare much time for project and other research based innovations. It is also desirable to have some faculty development scheme to compensate the same.
- c) In spite of good effort being given by teachers, the dropout rate is still very high and it is a serious concern for the department. This is a challenge that more effort is needed to make the subject more attractive and to put to a new height.
- d) One of our new faculty member has not had the opportunity to pursue his Ph.D yet. As such, the strength of faculty in qualification and expertise has room for further improvement.

Opportunities:

- a) To organize more exposure programmes.
- b) To organize research and training programmes for teachers.

Challenges:

- a) To maintain a high standard of academic excellence having 100% pass records.
- b) To produce a high number of employable graduates.

DEPARTMENT OF BIOTECHNOLOGY

1. **Name of the department:** Biotechnology
2. **Year of Establishment:** 2012
3. **Names of Programmes / Courses offered:** UG
4. **Annual/ semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Number of teaching posts:** Sanctioned December 2015

	Sanctioned	Filled
Asst. Professors	5	0

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Years of Exp
Vanramliana	PhD	Head	Molecular biology and Genetics	9
Rita Zomuanpuii	PhD (Biotechnology)	Guest Lecturer	Molecular entomology	3yrs
PC. Lalrinfela	PhD (Biotechnology)	Guest Lecturer	Plant Tissue culture, Molecular Biotechnology	3yrs
Rebecca Vanlalsangi	M.Sc (Biotechnology with CSIR-UGC NET)	Guest Lecturer	Microbiology	1yr

12. **Percentage of lectures delivered and practical classes handled (programme wise) by faculties:**

Sl. No	Name of Teachers	No. of classes					
		Theory (per week)			Practical (per week)		
		I Sem	III Sem	V Sem	I Sem	III Sem	V Sem
1	Dr. Rita Zomuanpuii	-	-	10	-	-	4
2	Dr. PC. Lalrinfela	-	5	5	-	2	2
3	Rebecca Vanlalsangi	5	-	5	2	-	2

13. **Student -Teacher Ratio (programme wise):**

Program	ST Ratio			
	2012-13	2013-14	2014-15	2015-16
B.Sc. Biotechnology	8:1	16:1	10:1	15:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil**15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:**

SI No.	Name	Qualification	Designation
1	Vanramliana	PhD	Head
2	Dr. Rita Zomunapuii	M.Sc., PhD.	Guest Lecturer
3	Dr. P.C. Lalrinfela	M.Sc., PhD.	Guest Lecturer
4	Rebecca Vanlalsangi	M.Sc with CSIR-UGC NET	Guest Lecturer

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 1**17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:**

Name of Faculty	Nature & Funding Agency	Grants Received
Dr. Rita Zomunapuii	DST(SERB)	26,73,000/-

18. **Research Centre /facility recognized by the University: NA**19. **Publications:**

- * Publication per faculty
 - Dr. Rita Zomunapuii: 2 proceeding, 5 Journal=7
 - Dr. P.C. Lalrinfela: 4 Book chapter, 2 proceeding and 4 Journal =10
 - Rebecca Vanlalsangi: 1 Journal=1
- * Number of papers published in peer reviewed journals (national /international) by faculty = 10 and students=1
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) = 10
- * Monographs=0

- * Chapter in Books= 4
- * Books Edited=0
- * Books with ISBN/ISSN numbers with details of publishers: 4
- * Citation Index=16
- * SNIP=2.69
- * SJR=1.85
- * Impact factor- Total =7.26, Average=0.4
- * h-index=113

20. **Areas of consultancy and income generated:** Nil

21. **Faculty as members:** Nil

22. **Student projects**

- a) Percentage of students who have done in-house projects including inter departmental/programme: Nil
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies = Nil

23. **Awards / Recognitions received by faculty and students.** Nil

24. **List of eminent academicians and scientists / visitors to the department: Apart from sl no. 11, eminent academicians visiting during National Seminars:** Nil

25. **Seminars/ Conferences/Workshops organized & the source of funding**

a) **National:** Nil

26. **Student profile programme/course wise: 2012-15**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc Biotechnology	545	72	33	39	66.66

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc Biotechnology	100	0	0

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? = NA**

29. **Student progression:**

Total No. of enrolled during the last 4 batches	54
Total No. of students who successfully passed out B.Sc	6
Total No. of students who passed B.Sc with First Class	5
Total No. of University Topper	1
Total No. of students who are employed (i) With PG (with M.Sc) (ii) Without PG (with B.Sc alone)	Nil Nil
Total No. of students who continued PG studies (a) Within Mizoram University (b) Outside Mizoram University	5 1
Total No. students who failed B. Sc	3
Total No. of students having back paper yet to complete	3

30. **Details of Infrastructural facilities**

- a) Library- Available
- b) Internet facilities for Staff & Students- Available
- c) Class rooms with ICT -facility - 2 nos
- d) Laboratories - 1 no

31. **Number of students receiving financial assistance from college, university, government or other agencies: 54**

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Nil**

33. **Teaching methods adopted to improve student learning:**

The mode of power point presentation is the usual practices by all the faculties. Watching the video clips are sometimes adopted to strengthened students' basic understanding. Students in each semester are assigned to have power point presentation followed by interactive session.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil**

35. SWOC analysis of the department and Future plans:**1. STRENGTH OF THE DEPARTMENT**

- a) Practical /theory syllabi are completed well ahead of time
- b) All students of each semester cleared the core paper(biotechnology)
- c) Unit test are conducted after completion of every unit
- d) Regularly upgrades practical requirements with each new semester

2. WEAKNESS OF THE DEPARTMENT

- a) Less faculty members:1 teaching and one JRF non –teaching faculty is nil.
- b) Permanent teaching faculty is nil.
- c) Equipment needed for practical are still lacking

3. OPPORTUNITIES OF THE DEPARTMENT

- a) Establishing well equipped laboratory for diagnostic consultancies for the people of Mizoram.
- b) Training/workshop for student inside and /or outside the institution

4. CHALLENGES OF THE DEPARTMENT

- a) The department is just developing and is yet to become a full fledged department.
- b) Establishing molecular disease-based diagnostic center
- c) More student uptake

5. FUTURE PLANS OF THE DEPARTMENT

- Procuring instrument to imparts skills to students/faculty in order to meet the advance scientific community.

DEPARTMENT OF CHEMISTRY

1. **Name of the department:** Chemistry
2. **Year of Establishment:** 1973 (UG)
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** UG (Chemistry)
4. **Names of Interdisciplinary courses and the departments/units involved:**
Nil
5. **Annual/ semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.**

Collaborative department	Objective	Outcome
Department of Chemistry, Mizoram University	(i) Academic Collaboration (ii) Preparation of hybrid clay based-materials, Thin films photocatalyst, TOC Analysis.	(i) UG- Curriculum design and implementation. (ii) Joint Research publications.
Department of Health and Environment, Catholic Kwandong University, Republic of Korea.	Material characterization viz. SEM, XRD, Thermal analysis, FTIR and AAS analysis.	Joint Research Publications.

8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Professors	0	0
Associate Professors	01	01
Asst. Professors	06	06

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. G. Skariah	M. Sc, PhD	Asso. Prof.	Physical Chemistry	25 yrs	
Dr. R. Pathak	M. Sc, PhD	Asst. Prof.	Physical chemistry	10 yrs	01
Dr. Thanhmingliana	M. Sc, PhD	Asst. Prof.	Material chemistry	10 yrs	
Dr. C. Lalhriatpuia	M. Sc, PhD	Asst. Prof.	Nanomaterials, Nanochemistry	9 yrs	
Mr. J. P.Rajan*	M. Sc, MTech	Asst. Prof.	Organic chemistry	9 yrs	
Dr. K. Vanlaldinpuia	M. Sc, PhD	Asst. Prof.	Organic chemistry	3 yrs	
Dr. Victory Ch. Devi	M. Sc, PhD	Asst. Prof.	Physical chemistry	2 yrs	
Mrs. Mary K. Laldinmawii	M. Sc	Guest faculty		2 yrs	
Mr V. Lalchhandama	M. Tech	Guest faculty		2 yrs	

11. **List of senior visiting faculty:**

1. Prof. Diwakar Tiwari, Mizoram University
2. Prof. Lambodar thakur, Bhagalpur University.
3. RK Sharma, University of Delhi.
4. Dr.Snehasikta Swarnakar, IICB, Kolkata

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty**

	Theory	Practical
2011	5 %	Nil
2012	5%	Nil
2013	10%	30%
2014	14%	35%
2015	14%	36%

13. **Student -Teacher Ratio (programme wise): 29:1**

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil

15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.**

Name	Qualification
Dr. G. Skariah	M.Sc, PhD
Dr. R. Pathak	M.Sc, PhD
Dr. Thanhmingliana	M.Sc, PhD
Dr. C. Lalhriatpuia	M.Sc, PhD
Mr. J. P. Rajan	M.Sc, MTech
Dr. K. Vanlaldinpuia	M.Sc, PhD
Dr. Victory Ch. Devi	M.Sc, PhD
Mrs. Mary K. Laldinmawii	M.Sc
Mr V. Lalchhandama	M.Tech

16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** National- 03; Rs.17.0 lakhs.

17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:** DBT- Star College; Rs.36.17 lakhs.

18. **Research Centre /facility recognized by the University:** Research Instrumentation available.

19. **Publications:**

* Publication per faculty

- a) Dr. R. Pathak - 08;
- b) Dr. Thanhmingliana - 05;
- c) Dr. C. Lalhriatpuia - 05;
- d) Mr. J.P. Rajan - 02;
- e) Dr. K.Vanlaldinpuia- 03;
- f) Dr. Ch.Victory Devi -09.

* Number of papers published in peer reviewed journals (national /international) by faculty and students: 23

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)-30

* Monographs: Nil

* Chapter in Books: 04

- * Books Edited: Nil
- * Books with ISBN/ISSN numbers with details of publishers: Nil
- * Citation Index: 36
- * SNIP: Nil
- * SJR: Nil
- * Impact factor: 55.3
- * h-index: 07

20. **Areas of consultancy and income generated:** Nil

21. **Faculty as members in**

- a) National committees
- b) International Committees
- c) Editorial Boards

Dr. Ragvendhu Pathak	Life member of Society of Materials Chem. BARC, Mumbai (2011 onwards)
Dr. Thanhmingliana	Executive member- Mizo Academy of Sciences
Dr. C. Lalhriatpuia	Executive member- ISSST- Northeast chapter
Dr. K.Vanlaldinpuia	Secretary i/c, Seminar, symposium, etc, Mizo Academy of Sciences
Dr. Ch. Victory Devi	1. Life member of Indian Association of Nuclear Chemistry and Allied Scientists (LM-1347)
	2. Life member of Society of Indian Science Congress association (LM-23805)
	3. Life member of Society for Material Chemistry BARC, Mumbai (LM-747)

22. **Student projects**

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100% (V and VI-Semester)
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. **Awards / Recognitions received by faculty and students:** Nil

24. **List of eminent academicians and scientists / visitors to the department:**

- 1. Prof. Diwakar Tiwari, Mizoram University
- 2. Prof. Lambodar thakur, Bhagalpur University.
- 3. RK Sharma, University of Delhi.
- 4. Dr.Snehasikta Swarnakar, IICB, Kolkata

25. **Seminars/ Conferences/Workshops organized & the source of funding**

- 1) National: 02; DST,MZU,SCF, DBT-Star College
- 2) International: Nil

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BSc Chemistry-2011	66	44	20	24	80
2012	121	35	21	14	57.14
2013	133	35	19	16	18.51
2014	227	35	20	15	35
2015	200	52	28	24	52.17
Average					48.56

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BSc (Chemistry)	99.5	0.5	Nil

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	96%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA

Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurship/Self-employment	≤ 1%

30. **Details of Infrastructural facilities:**
- Library:** Central library and departmental library.
 - Internet facilities for Staff & Students:** 02 computers for staff with internet & 03 laptops with internet connectivity.
 - Class rooms with ICT facility:** All class rooms with ICT facility.
 - Laboratories:** 02 Organic/Inorganic chemistry laboratory, 01- Physical chemistry laboratory, preparation room, balance room, Central Instrumentation Facility.
31. **Number of students receiving financial assistance from college, university, Government or other agencies:** 187
32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts**

AY	Student Enrichment Programs	Details of External Expert
2011	Students Visit (Practical demonstration) to Dept. of Chemistry, MZU.	Dr. Diwakar Tiwari, (Professor), Dept. of Chemistry, MZU.
2013	Students Exchange Program with Union Christian College at Umiam Khwan, Meghalaya.	Dr. Cornelia M. Lyngdoh, (Assi. Prof.) Dept. of Chemistry, UCC.
2013	Students Visit (Practical demonstration) to Sophisticated Analytical Instrument Facility (SAIF), NEHU, Shillong.	Mr. Momo Hmunsel Jasha, Project Officer, SAIF, NEHU, Shillong.
2014	Students Exchange Program with Union Christian College, Umiam Khwan at PUC, Mizoram.	Dr. Ashish Malhotra, (Asso. Prof.), Head, Dept. of Chemistry UCC.
2015	Invited/Guest lectures "IUPAC Nomenclature of Organic compounds".	Mr. Lalhmingliana Hnamte, Asso. Prof. dept. of chemistry, GZRSC, Aizawl.

33. **Teaching methods adopted to improve student learning: Counseling, project, assignment, practical demonstration of sophisticated instrument.**
34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**

AY	IRS	Extension activities
Every Year	Blood donation Campaign.	Participation and awareness lecture on College Blood Donation Day.
2011-2012	Village adoption (Phulpui Village).	Visit to adopt Village, awareness on rain water harvesting and qualitative analysis of village drinking water.

35. SWOC analysis of the department and Future plans

Strength

- Campus location and excellent educational environment.
- Good results in Undergraduate University examination.
- Regularly upgrades laboratory equipment.
- Faculty with 85% PhD.
- Practicing remedial course for semester students.
- Organizes workshops and seminars.
- Well placed alumni at the national level.

Weakness

- High students to teacher ratio.
- Inadequate presentations and publications of research paper.
- Inadequate research initiatives.

Opportunities

- Initiating research projects.
- Organize more exposure programs to students and faculty.
- Enhancing student's skill to handle sophisticated instrument.

Challenges

- Procuring more research instrument to imparts skills to students/faculty in order to meet the advance scientific community.
- Inspire/encourage students for higher studies.

Future plans of the Department

- Organizing NL seminar/workshop.
- Sponsored Major & Minor Research projects.
- Hands-on training Advanced experimental techniques in collaborations with other institutes/ agency.
- Publish more research papers in Impact journals.
- Publish ISBN Books.

DEPARTMENT OF ENVIRONMENTAL SCIENCE

1. **Name of the department:** Environmental Science
2. **Year of Establishment:** 2012
3. **Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated PhD., etc.)**

Level	Program	Course	Year of Introduction
UG	B.Sc.	Environmental Science	2012

4. **Names of Interdisciplinary courses and the departments/units involved:**
NA
5. **Annual/ semester/choice based credit system (programme wise)**

Program/Course	Mode	Weightage	Medium of Instruction
B.Sc. Environmental Science	Semester 2011-2012 onwards	External: Internal 75:25	English

6. **Participation of the department in the courses offered by other departments**

Name of other department	Name of the Course	Participation
Zoology, Botany, Geology, Chemistry	B.Sc.	Curriculum design & Development, Teaching, Learning & Evaluation, Lab-based experiments.

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	4	4

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. K. Khelchandra Singh	M.Sc, M. Phil, NET, PhD	Asst. Prof. & HOD	Aquatic Ecology & Environmental Analysis	8	
Dr. Kulendra C. Das	M.Sc, B.Ed, NET, PhD, DBT-Post Doc.	Asst. Prof. & HOD	Biodiversity Conservation and Molecular Ecology	6	
Dr. Lallawmkimi	M.Sc, NET, PhD	Asst. Prof.	Floral Diversity	4	
Dr. Hilda Lalrinpuii	M.Sc, NET, Ph.D	Asst. Prof.	Air Pollution	4	
Dr. J. Lalremruata	M.Sc, NET, PhD	Guest Faculty	Biodiversity Conservation and NTFP	1	
H. Laldinpuii	M.Sc. JRF., NET	Guest Faculty	Pollution & Solid Waste Management	1	

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

	Theory	Practicals
2011	Nil	Nil
2012	Nil	Nil
2013	Nil	Nil
2014	Nil	Nil
2015	88%	12%

13. Student -Teacher Ratio (programme wise)

Program	S:T Ratio				
	2011-12	2012-13	2013-14	2014-15	2015-16
B.Sc.	12:1	5:1	11:1	26:1	25:1
BSc/BA/BCom	191:1	192:1	137:1	126:1	-

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: technical staff- 2
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.
PG- 1 M. Phil - Ph.D. – 5
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Name of Faculty	Nature & Funding Agency	Grants Received	Title of the Project
Dr. K. Khelchandra Singh	Major RP UGC (Accepted)	14.00 lakh	Ecological evaluation of Tamdil Lake, Mizoram, North East India

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NA
18. Research Centre /facility recognized by the University: Research Instrumentation Centre, Pachhunga University College, Aizawl
19. Publications:

* Publication per faculty

Sl. No	NAME	No. of Publication
1	DR. K. KHELCHANDRA SINGH	8
2	DR. KULENDRA C. D AS	21
3	DR. LALLAWMKIMI	5
4	DR. HILDA LALRINPUII	2

- * Number of papers published in peer reviewed journals (national /international) by faculty and students :36
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 9
- * Monographs: NA
- * Chapter in Books: 8
- * Books Edited: 1
- * Books with ISBN/ISSN numbers with details of publishers
- * Citation Index: 1

- * SNIP: NA
- * SJR:NA
- * Impact factor: 0.342
- * h-index: 11

20. Areas of consultancy and income generated: NA

21. Faculty as members in

- a) National committees
- b) International Committees
- c) Editorial Boards....

AY	Name of Faculty	Designation	Level	Name of Committee/ org.
2014	Dr. K. Khelchandra Singh	Member	National	National Environmental Association
		Member	National	Indian Science Congress Association
		Member	State	Botanical Society of Manipur
		Executive Member	College	PUCTA, Aizawl
2007-2015	Dr. Kulendra C. Das	Founder President & Advisor	Regional	SC & ST Student Development Forum of NE India
2009		Life Member	National	Indian Science Congress Association
2009		Managing Editor	National	Conservation Review (Online Newsletter)
2010-11		Joint Secretary	Regional	Centre for Environment and Development (CENAD), NE India
2014		Member	National	Indian Bird Conservation Network at BNHS
2015		Life Member	National	Indian Society of Remote Sensing

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme

AY	Title of project	Guide	Semester, (Number & % of Student) Participation
2014-15	Environmental awareness survey of the students of PUC, Aizawl, Mizoram	Dr. K.K. Singh	VI-Semester (4) 100%
2014-15	A survey of captive fauna in selected sites of Aizawl City	Dr. K.C. Das	VI-Semester (4) 100%
2014-15	Documentation of important floral species found in PUC campus	Dr. Lallawmkimi	VI-Semester (4) 100%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NA

23. Awards / Recognitions received by faculty and students: NA

24. List of eminent academicians and scientists / visitors to the department:

1. Prof. B Manihar Sharmam Manipur University.
2. Bobby John ISI Bangalore,
3. Ashok Sarkar, ISI Mumbai

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

b) International

AY	Nature	Level	Theme/Title	Funding Agency
2013	Conference	National	Bioresource Inventory and Emerging Conservation Strategies with Special Reference to Northeast India (BICON 2013) on 7 th – 8 th March, 2013	DBT Star College Scheme and Mizoram University
2014	13 th Outreach EDUSAT programme	National	“Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System (4 August – 22 November, 2014)	Indian Institute of Remote Sensing Dehradun, ISRO
2015	Workshop	National	Statistical and Computing Methods for Life Science Data Analysis (9 th - 16 th February, 2015)	Indian Statistical Institute, Kolkatta and Mizoram University
2015	15 th Outreach EDUSAT programme	National	“Basics of Remote Sensing, Geographical Information System & Global Navigation Satellite System (4 August – 22 November, 2014)	Indian Institute of Remote Sensing Dehradun, ISRO

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2012	68	35			
2013	87	36			
2014	105	35			
2015	140	41	8	23	63.63%

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc (Env.Sc)	100%	NA	NA

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA

29. Student progression: The percentage of UG student progression mention is an average of past five years i.e. 2011-2015 but only first batch consists of 12 students I final semester of our department has passed out 7 students in 2015 University examination.

Student progression	Against % enrolled
UG to PG	72%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	NA
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	8%

30. Details of Infrastructural facilities

- Library: Yes
- Internet facilities for Staff & Students: Yes
- Class rooms with ICT facility: Yes
- Laboratories: Yes

31. Number of students receiving financial assistance from college, university, Government or other agencies: 100% (147)
32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts: NA
33. Teaching methods adopted to improve student learning:
- Assignments, Seminar & Student Presentations
 - Participatory Learning group discussion, Quiz Competition
 - Chalk-talk & ICT enabled teaching (PPT) Method
 - Tutorial method / Lecture method
 - Demonstration method/Experiments Method/ Training Method
 - Participation & Presentation in Conference/seminars/symposiums.
 - Educative notice boards.
 - Hands on training workshops.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

AY	ISR	Extension activities
Every Year	Blood donation campaign.	Participation and awareness lecture on College Blood Donation Day.
2012-2014	Village adoption (Phulpui Village).	Visit to adopt Village, awareness on rain water harvesting and qualitative analysis/monitoring of village drinking water.
2012-2015	CCA cum Environmental cleanliness.	Environmental Awareness Programmes in School and community level.

35. SWOC analysis of the department and Future plans

1. Strength

- Well Qualified faculty members
- Team works.
- Utilization of different modern teaching methods.
- Good student teachers relationship.
- Constant monitoring of progress.
- Organizes workshops and seminars.

2. Weakness

- Untrained laboratory staff.
- Insufficient contribution from laboratory staff.
- Laboratory facilities not up to the mark.
- Less faculty members.
- Less classroom.

3. Opportunities

- Generations of environmental awareness to students.
- Involvements of students in environmental activities.
- Support Government and community to solve the environmental issues.

4. Challenges

- Setting up of upto date environmental analysis laboratory.
- Increase student related co-curricular extension and field based related activities.
- Enhancement of teaching and research activities.
- Increase environment consciousness at various levels.

5. Future plans of the department

- Expansion of laboratory and research activities.
- Increase of faculty and student ratio.

DEPARTMENT OF GEOLOGY

1. Name of the department: **Geology**
2. Year of Establishment: **1984**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **B.Sc (Geology)**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise):
SEMESTER
6. Participation of the department in the courses offered by other departments:
The department participated in GIS course for 5th Semester students organized by Environmental Science Department
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

The department created collaboration with the following institutes in various research fields

- a) Department of Geology, MZU
- b) Department of Earth Sciences, IIT Bombay
- c) Department of Applied Geology, Dibrugarh University, Assam
- d) Department of Earth Science, Assam University, Silchar
- e) NEIST, Jorhat, Assam.
- f) Geological Survey of India.
- g) Atomic Mineral Directorate, Shillong.

8. Details of courses/programmes discontinued (if any) with reasons: **Nil**
9. Number of teaching posts.

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	6	6

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. last 4 years
Dr. Saitluanga	M.Sc, Ph.D	Asst. Professor	Seismology	11	
Dr. Rahul Verma	M.Sc, Ph.D	Asst. Professor	Petrology & Structural Geology	9	
Dr. H.Lawmkima	M.Sc, Ph.D	Asst. Professor	Landslides	9	
Mr. Bubul Bharali	M.Sc	Asst. Professor	Sedimentology	4	
Dr. V.Vanhangliana	M.Sc, Ph.D	Asst. Professor	Metamorphic Petrology and Geochemistry	3	
Dr. Laldinpuia	M.Sc, Ph.D	Asst. Professor	Landslides	3	1

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student -Teacher Ratio (programme wise)

Semester	Number of students	Number of teachers	Student -Teacher Ratio
I Semester	96	5	19:1
II Semester	50	5	10:1
III Semester	50	5	10:1
IV Semester	42	5	8:1
V Semester	24	6	4:1
VI Semester	27	6	4:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **2 (Laboratory Assistant)**
15. Qualifications of teaching faculty with D. Sc/ D. Litt/ PhD/ M. Phil / PG.:
 - a. PG - **6**
 - b. M.Phil - **Nil**
 - c. PhD - **4**
 - d. D.Litt - **Nil**
 - e. D.Sc - **Nil**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **3** (Total grants received Rs. 22,88,000.00)
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **4** (Total grants received Rs. 22,88,000.00)
18. Research Centre /facility recognized by the University: GIS Laboratory
19. Publications:
- * Publication per faculty:

a) Dr. Saitlunga	-	5
b) Dr. H. Lawmkima	-	4
c) Dr. Rahul Verma	-	9
d) Mr. Bubul Bharali	-	2
e) Dr. Vanthangliana	-	6
f) Mr. Laldinpuia	-	8
 - * Number of papers published in peer reviewed journals (national /international) by faculty and students: **8**
 - * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **7**
 - * Monographs: **Nil**
 - * Chapter in Books: **5**
 - * Books Edited: **Nil**
 - * Books with ISBN/ISSN numbers with details of publishers: **1**
 - * Citation Index: **Nil**
 - * SNIP: **Nil**
 - * SJR: **Nil**
 - * Impact factor: **Nil**
 - * h-index: **Nil**
20. Areas of consultancy and income generated: Technical consultancy on infrastructure works under UIDSSMT costing Rs. 750.32 lakhs. Laldinpuia receives Rs. 50000 during 2013-14. 10% submitted to College
21. Faculty as members in
- a) National committees: NIL
 - b) International Committees: NIL
 - c) Editorial Boards: NIL
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme: **35%**
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **30%**

23. Awards / Recognitions received by faculty and students

Faculty:

1. Mr. Laldinpuia received **Best article** Award of Mizoram Science Journal in 2013
2. Dr.Saitluanga and Dr. H.Lawmkima won gold medal in Men's Double (Badminton) competition in Central government employees Welfare Coordination Committee Sports, 2013.

Students:

1. Lalremtluangi of 2nd Semester won Gold medal in 10 metres air rifle (Junior Women) at North East Zonal Shooting Championship in 2014.

24. List of eminent academicians and scientists / visitors to the department:

- a. Prof. CS Dubey, Delhi University
- b. Prof.B.P Singh, BHU
- c. Mr. Hriata Chhangte (Deputy Contrl. Of Mines, Indian Bureau of Mines).
- d. Dr. Saurabh Baruah (Scientist F and Head, Earth Sciences Dept, Northeast Institute of Science & Technology, Assam).

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National-1

Sl No	Name of the Seminar	Year	Source of funding
1	Seminar on Geology, Tectonics, Geo-Hazards & Natural Resources of North East India.	3 rd - 4 th Nov, 2014	1.Ministry of Earth Science (MoES). 2.Board of Research in Nuclear Sciences (Department of Atomic Energy) (BRNS) 3.University Grants Commission (UGC-NERO) 4.Department of Science and Technology (DST) 5.Oil Indian Limited and 6.Mizoram University

b) International: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011-12	56	33	19	14	92
2012-13	114	35	22	13	100
2013-14	105	40	17	23	43.47
2014-15	190	40	21	19	69.57
2015-16	154	49	26	23	66.66

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
Geology	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: **N.A.**

29. Student progression

Student progression	Against % enrolled
UG to PG	78%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	NA
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	22%

30. Details of Infrastructural facilities

- a) Library: **Yes**
- b) Internet facilities for Staff & Students: **Yes**
- c) Class rooms with ICT facility: **Yes**
- d) Laboratories: **Yes**

31. Number of students receiving financial assistance from college, university, Government or other agencies: **92%**

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts:

The department used to organize some kinds of special lectures/speech/interaction programme on recent topic where some geoscientist and renowned academician delivered a special lecture.

- 1) On 17th, April, 2012, Dr. Lallenmawia, Director, Geology and Mineral Resources, Govt. of Mizoram delivered a special lecture on '**Oil & Natural Gas Exploration in Mizoram**'.
- 2) On 21st August, 2012, Mr. Hriata Chhangte, Deputy Controller of Mines, Indian Bureau of Mines has delivered an important motivational speech on '**the scope of geology in current time**'

- 3) On 28th, June, 2013, Mr. Hriata Chhangte, Deputy Controller of Mines, Indian Bureau of Mines has delivered a special lecture on '**problems and prospects of Hill mining**'. Mr. Hriata Chhangte was accompanied by Mr. Malsawmdawngliana and Mr. Lalchhanhima of Oil India limited. This function was graced by our respected Principal Dr. Tawnenga.
 - 4) The department has arranged an interaction programmed with Thomas Kindle, Engineer, Evatec Company, Switzerland on 4th June, 2014 regarding '**Job prospects in foreign companies**'.
 - 5) On 31st March, 2015, Mr. Hriata Chhangte, Dy. Controller of Mines, IBM delivered an inspiration speech to encourage the student towards the subject Geology
 - 6) On 27th February, 2015, Mr. Laldinkima, Superintendent of Geologist, Oil India Limited delivered a special lecture on "**Hydrocarbon exploration process in Mizoram**"
33. Teaching methods adopted to improve student learning:
With the current advancement in teaching methodologies, the department has also adopted advance teaching techniques like:
- Lecturing/ Explaining accompanied by audio-visual aids to make instruction more visual and tactile.
 - Class room discussion conducted by teacher.
 - Commonly utilized animation / movies for demonstration and teaching aids.
 - Faculties used power point presentation and blackboard/whiteboard for delivering lecture.
 - Internet is commonly used in the classrooms for lecture support.
 - Study materials both soft and hard copies are provided to the students and even uploaded in the college website.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
The department is actively participated in Institutional Social Responsibility (ISR) and other extension activities. Following are some important participation of the department:
1. On 3rd May, 2012, Govt. Tuikual South Middle School students visit Geology Department for encouragement and enhancement of their knowledge.
 2. On 3rd September, 2013, Dr. Saitluanga and Mr. Bubul Bharali delivered a special lecture on 'Earthquake preparedness and Awareness' to class VII students of Mount Horeb School, Bethlehem Veng, Aizawl.
 3. On 29.4.2013, Dr. Saitluanga, Dr. V.Vanthangliana and Mr.Laldinpuia have performed radio discussion programmed on the topic 'Preparedness and prevention from natural disaster' at All India Radio (AIR), Aizawl.
 4. On 21st March, 2015, Mr.Laldinpuia participated in live phoning radio programme on the topic " Leimin chungchang" at All India Radio (AIR), Aizawl.
 5. On 29th May, 2015, Dr.Saitluanga and Mr.Laldinpuia participated in discussion cum live phoning programme on 'Leilung chhiatna; leimin leh lirnghing' (Natural disaster- Landslide and Earthquake) at Doordarshan Kendra, Aizawl.

6. On 19th June, 2015, Dr.V.Vanhangliana participated in discussion cum live phoning programme on 'Mizoram leilung hausakna' at Doordarshan Kendra, Aizawl.
 7. On 23rd August 2013, Dr.V.Vanhangliana and Mr. Laldinpuia judges Aizawl District Students Science Seminar on the theme – “Water Co-operation: Issues & Challenges” at Aizawl.
 8. Mr. Laldinpuia served as a technical consultant on infrastructure works under UIDSSMT costing Rs. 750.32 lakhs; 10% of consultancy fee was submitted to the college.
 9. Department faculties took part in framing Syllabus in Geology subjects and text book selection for Higher Secondary School Leaving Certificates (HSSLC).
 10. Department faculties took part in framing/modification of UG Syllabus in CBCS as per new UGC guidelines,2015.
35. SWOC analysis of the department and Future plans:

I. Strength of your Department

- 1) Out of six faculty members, Four (4) faculty members already attained Ph.D degree and one have submitted his thesis.
- 2) Organized national seminar
- 3) Three ongoing project- One major project and two minor project
- 4) Good relationship between teachers and students
- 5) Good results at university Examinations.
- 6) Helped outgoing students in admission as well as counseling.
- 7) Helped outgoing students in their M.Sc dissertations.

II. Weakness of your Department

- 1) Inadequate laboratory facility specially microscope and remote sensing lab. equipments
- 2) Inadequate field visits, both local and regional
- 3) Less publication of research papers.

III. Opportunities of your Department

- 1) With the initiation of Mr.Lalhriatrenga Chhangte, Deputy Controller of Mines, Government of India, V-Semester students have opportunity to visit different mining sites every year since 2013.
- 2) In Mizoram, there is a good opportunity for researchers to carry out research projects related to geosciences.
- 3) Hydrocarbon exploration is underway in Mizoram. Therefore, better job opportunities are open for outgoing students.

IV. Challenges of your Department

- 1) To achieve 100% result in University examinations and to ensure 100% job success for outgoing students.

V. Future Plans

- 1) To set up laboratory room with well equip laboratory facilities
- 2) To carry out more research project in order to develop department facilities and to produce more research publications.
- 3) To promote interdisciplinary research in collaboration with national and international institutions.

DEPARTMENT OF MATHEMATICS

1. **Name of the department:** Mathematics
2. **Year of Establishment:** 1971
3. **Names of Programmes / Courses offered:** UG (B.Sc. & B.A.)
4. **Annual/ semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:** Commerce and Physics Department
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Number of teaching posts:**

	Sanctioned	Filled
Associate Professors		
Asst. Professors	5	5

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Years of Exp
L.Thangmawia	M.Sc	Assistant Professor	Algebra	10
Dr. L.P.Lalduhawma	Ph.D	Assistant Professor	Mathematics Education	10
J.Lalvohbika	M.Sc	Assistant Professor	Differential Equation	8
Dr. Rajesh Kumar	Ph.D.	Assistant Professor	Differential Geometry	8
Dr. Denghmingliani Zadeng	Ph.D	Assistant Professor	Mathematical Modeling	7

11. **Percentage of lectures delivered and practical classes handled (programme wise) by faculties:** N.A.

13. **Student -Teacher Ratio (programme wise):**

Program	Student-Teacher Ratio				
	2011-12	2012-13	2013-14	2014-15	2015-16
B.Sc.	7:1	8:1	8:1	8:1	9.4 : 1
B.A.				1.6:1	0.8:1

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil**15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:**

Sl No.	Name	Qualification	Designation
1	L. Thangmawia	M.Sc. (CSIR-UGC NET)	Head
2	Dr. L.P. Lalduhawma	M.Sc., Ph.D. (SLET)	Assistant Professor
3	J. Lalvohbika	M.Sc. (CSIR-UGC NET)	Assistant Professor
4	Dr. Rajesh Kumar	Ph.D	Assistant Professor
5	Dr. Denghmingliani Zadeng	M.Sc., Ph.D(CSIR-UGC NET-JRF)	Assistant Professor

16. **Number of faculty with ongoing projects from a) State b) National c) International funding agencies and grants received: 4**17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:**

Name of Faculty	Nature & Funding Agency	Grants Received
Dr. Rajesh Kumar	UGC-NERO	90,000/-
L. Thangmawia & J. Lalvohbika	Mizoram Council of Science, Technology & Environment	30,000/-
Dr. L.P. Lalduhawma	Mizoram Council of Science, Technology & Environment	50,000/-

18. **Research Centre /facility recognized by the University: NA**19. **Publications:**

* Publication per faculty

- L. Thangmawia: 3 Textbooks, 1 Journal (Total 5)
- Dr. L.P. Lalduhawma: 1 Textbook, 2 Journals (Total 3)
- J. Lalvohbika: 2 Textbooks, 1 Journal (Total 3)
- Dr. Rajesh Kumar: 8 Journals (Total 8)
- Dr. Denghmingliani Zadeng: 1 Textbook, 2 Journals (Total 3)

- * Number of papers published in peer reviewed journals (national /international) by faculty = 14
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)= 14
- * Monographs=0
- * Chapter in Books= 0
- * Books Edited=0
- * Books with ISBN/ISSN numbers with details of publishers: 4
- * Citation Index=
- * SNIP=
- * SJR=
- * Impact factor- Total =12, Average=0.4
- * h-index=25

20. **Areas of consultancy and income generated:** Database in 3 colleges, Rs.1 lakhs

21. **Faculty as members in State Level Committees/National committees/ International Committees**

L.P. Lalduhawma:

- 1) Text book Committee member for Elementary under SCERT Mizoram.
- 2) Member NTSE (National Talent Search Examination), under SCERT Mizoram.
- 3) Secretary, Mizoram Mathematics Society.
- 4) Appointed Office Bearer, Mizo Academy of Sciences.
- 5) Member, Committee for Improvement of Mathematics Education in Mizoram at Elementary stage under Education Department, Gov't. of Mizoram.

L.Thangmawia:

- 1) Member NTSE (National Talent Search Examination), under SCERT Mizoram.
- 2) President, Mizoram Mathematics Society.
- 3) Member, Committee for Improvement of Mathematics Education in Mizoram at Elementary stage under Education Department, Gov't. of Mizoram.

J. Lalvohbika:

- 1) Vice President, Mizoram Mathematics Society.
- 2) Text book Committee member for Elementary under SCERT Mizoram.
- 3) Member, Committee for Improvement of Mathematics Education in Mizoram at Elementary Stage under Education Department, Gov't. of Mizoram.

22. **Student projects:** NA
23. **Awards / Recognitions received by faculty and students.**
Mr. Hmingsangliana (Student of the Year-2014)
24. **List of eminent academicians and scientists / visitors to the department: Apart from Sl No. 11, eminent academicians visiting during National Seminars:** 4
25. **Seminars/ Conferences/Workshops organized & the source of funding**
- a) **International level:-** Nil
 - b) **National Level:** A National Conference on Mathematical Science, Funded by : UGC-NERO on 24th – 25th Nov, 2011.
 - c) **State level :**
 1. State Level Workshop on C++ Language and Numerical Methods, Collaboration with Dept. of Physics under Star College Scheme.
 2. Two-day workshop on integration of computer software in teaching and learning Mathematics for High School teachers on 12-13th Aug, 2014 organized by SCERT in collaboration with Dept. of Mathematics, PUC. Funded by: SCERT- Mizoram
 3. Two-day workshop on integration of computer software in teaching and learning Mathematics for Higher Secondary School teachers on April 16-17, 2015 organized by SCERT in collaboration with Dept. of Mathematics, PUC. Funded by: SCERT- Mizoram.
 4. Second Mizoram Mathematics Congress , Funded by Mizoram University and DST- Mizoram
26. **Student profile programme/course wise: 2011-15**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc & B.A. Mathematics	612	214			49.22

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Sc & B.A.	100	0	0

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? 2**29. **Student progression:**

Total No. of enrolled during 2011-2015	214
Total No. of students who successfully passed out B.Sc	31
Total No. of students who passed B.Sc with First Class	17
Total No. of University Topper	3
Total No. of students who are employed	
(i) With PG (with M.Sc)	10
(ii) Without PG (with B.Sc alone)	5
Total No. of students who continued PG studies	
(a) Within Mizoram University	35
(b) Outside Mizoram University	12
Total No. students who failed B. Sc	35
Total No. of students having back paper yet to complete	5

30. **Details of Infrastructural facilities**

- Library- Departmental Library supported by NBHM and different Publishers from all over India
- Internet facilities for Staff & Students- available only for Staff
- Class rooms with ICT -facility – 1
- Laboratories - 1

31. **Number of students receiving financial assistance from college, university, Government or other agencies:**32. **Details on student enrichment programmes (special lectures / workshops /seminar) with external experts:**

- One week hands on course training for Mathematics core students on ICT & Desktop Publication workshop organized by Department of mathematics, Pachhunga University College during 12th – 17th January, 2015
- Sending 10 students of VI semester to attend Mini Mathematics Training and Talent Search program at Agartala, Tripura in the year 2013.
- Organising departmental seminar on “Computer Application in Mathenatics” on September 5 , 2011
- Career Guidance counseling for Mathematics Core Students on Sept 1, 2011

33. **Teaching methods adopted to improve student learning:**
Traditional, Visual Aid, Training and Workshop.
34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:** Nil
35. **SWOC analysis of the department and Future plans:**

1. STRENGTHS OF THE DEPARTMENT

- a) Dedicated faculty
- b) Well prepared and easily accessible study material and text books
- c) Good relationship between faculty and students
- d) Focus on research activity
- e) organizing workshops

2. WEAKNESSES OF THE DEPARTMENT

- a) Room for improvement in Graduate Examination
- b) At present, only three faculty with PhD
- c) Lack of good students
- d) Need for more faculty so as to achieve better results in Graduate Examinations

3. OPPORTUNITIES OF THE DEPARTMENT

- a) To extend our service to the community
- b) To organize more workshops and seminars
- c) To help the students in getting more exposures

4. CHALLENGES OF THE DEPARTMENT

- a) To help our students in achieving their goals and becoming a good citizen
- b) Better infrastructure such as personal computer system with internet access for each faculty so as to improve research activities

5. FUTURE PLANS

- a) To carry out research oriented projects
- b) To present more papers in national and international conference/seminars
- c) To publish more research papers in related journals
- d) To publish more text books conforming to the existing syllabus
- e) More faculties to obtain PhD in the near future

DEPARTMENT OF PHYSICS

1. **Name of the department:** Physics
2. **Year of Establishment:** 1974
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** B.Sc. in Physics
4. **Names of Interdisciplinary courses and the departments/units involved:**
NIL
5. **Annual/ semester/choice based credit system (programme wise):**
NIL
6. **Participation of the department in the courses offered by other departments :**
Students of the department attend their elective courses in other allied departments such as chemistry, mathematics, statistics and geology.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** NIL
8. **Details of courses/programmes discontinued (if any) with reasons:** NIL
9. **Number of teaching posts**

	Sanctioned	Filled
Professors		
Associate Professors	1	1
Asst. Professors	6	6

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. D.K. Barkakati	MSc , PhD	Associate Professor	High Energy Physics	Retired on Feb 2013	0
Dr. Shivraj Gurung	MSc	Associate Professor	Theoretical nuclear physics, Theoretical condensed matter	18	0

17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received**

DST project under Star College Scheme : 36.17 lakhs

18. **Research Centre /facility recognized by the University: NIL**

19. **Publications:**

* Publication per faculty

Name of Faculty	No. of Publications
Dr. D.K. Barkakati	0
Dr. Shivraj Gurung	4
Mr. Lalhriatzuala	7
Dr. Y.Rangeela Devi	3
Dr. L. Robindro	2
Mr. Lalrinthara Pachuau	8
Dr. N. Suraj Kumar Singh	4
Dr. Lalmuanpuia Vanchhawng	-
Dr. Dibya Prakash Rai	2
Ms. R. Laldinpuii	-

* **Number of papers published in peer reviewed journals (national /international) by faculty and students: NIL**

* **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**

* Monographs

* Chapter in Books

* Books Edited

* Books with ISBN/ISSN numbers with details of publishers

* Citation Index

* SNIP

* SJR

* Impact factor

* h-index

20. **Areas of consultancy and income generated:** NIL

21. **Faculty as members in**

a) National committees b) International Committees c) Editorial Boards

Sl. No	Name of Faculty	Committees	Level (State, National International)
1.	Mr. Lalhriatzuala	Joint Editor, Meithallawn Magazine	State
2.	Mr. Lalrinthara Pachuau	Editor, Mizoram Science Journal	State
3.	Dr. Dibya Prakash Rai	Editorial board member of SSRG International Journal of Applied Physics (SSRG-IJAP), ISSN: 2350-0301	National
4.	Dr. Dibya Prakash Rai	Editorial board member of International Journal of Physics and Applications (IIPA), Research India Publications (ISSN 0974-3103)	National
5.	Dr. Dibya Prakash Rai	Editorial board member of World Journal of Nano Science and Engineering, Scientific Research: an Academic Publish (ISSN:2161-4954)	International
6.	Dr. Dibya Prakash Rai	Editor of Journal of Material Science, Research and Review Publication (ISSN: 2321-6212, Open Access)	International

22. **Student projects**

- a) **Percentage of students who have done in-house projects including inter departmental/programme:** 100 %
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies** : NIL

23. **Awards / Recognitions received by faculty and students**

Student:

1. Alloys Lalchunglura - Dr. H. Lallungmuana Award for securing highest marks in U.G. (science) examination in the University (2014).

24. **List of eminent academicians and scientists / visitors to the department**

- i) Prof. Dorendrajit Singh
 ii) Prof. P. K. Patra
 iii) Prof. R. K. Thapa

25. **Seminars/ Conferences/Workshops organized & the source of funding**

- a) National - National Workshop on Group Theory (NWGT-2012), 3-7 December, 2012, funded by Star College Scheme sponsored by DBT
 b) International NIL

26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Sc. in Physics 2011	78	42	25	17	91
B.Sc. in Physics 2012	157	45	30	15	83.33
B.Sc. in Physics 2013	142	45	31	14	36.36
B.Sc. in Physics 2014	274	45	35	10	47.62
B.Sc. in Physics 2015	166	48	36	12	37.5

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. in Physics 2011	100	0	0
B.Sc. in Physics 2012	100	0	0
B.Sc. in Physics 2013	100	0	0
B.Sc. in Physics 2014	100	0	0
B.Sc. in Physics 2015	100	0	0

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: NIL**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	59.89
PG to M.Phil.	0
PG to Ph.D.	0
Ph.D. to Post-Doctoral	0
Employed	32.79
• Campus selection	
• Other than campus recruitment	
Entrepreneurship/Self-employment	

30. **Details of Infrastructural facilities**

- a) Library - The department has small library with specimen copies of books received from different publishers
- b) Internet facilities for Staff & Students – Free Wi-Fi facility is provided for students and faculties
- c) Class rooms with ICT facility – The department has classroom facility with overhead projector.
- d) Laboratories – The department has good laboratory facilities for conducting students practical classes.

31. **Number of students receiving financial assistance from college, university, government or other agencies**

2011 – 2015 : 203

32. **Details on student enrichment programmes (special lectures / workshops / seminar) with external experts**

- (i) One Day State Level Symposium on recent trends and development of radiation & its applications, 5th October, 2011, funded by DBT
- (ii) State level Workshop on C⁺⁺ Language and numerical Methods, 16-20, February, 2015, funded by Star College Scheme sponsored by DBT

33. **Teaching methods adopted to improve student learning**

- i) Class test is conducted regularly
- ii) Solutions to previous university question papers are provided
- iii) Home assignments and problem sets are given
- iv) 5th Sem students are given coaching for IIT JAM Examination
- v) The department also organizes tutorials and remedial classes for students with weak understanding.
- vi) The faculties also provide notes & study materials to students.

34. **Participation in Institutional Social Responsibility (ISR) and Extension activities**

- i) Faculties and students are involved in blood donation and environmental cleanliness programme.
- ii) Faculties contribute to the village adoption program organized by the College

35. **SWOC analysis of the department and Future plans**

Strengths:

- (a) Excellent results (qualitatively) at university examinations
- (b) Adequate laboratory equipments for conducting practical classes
- (c) Faculty with 71% Ph. D. and soon becoming 100%
- (d) Organises workshops and seminars
- (e) Well placed alumni at the global level

Weakness:

- (a) No research facilities
- (b) Inadequate presentations and publications of research papers
- (c) Few number of research projects
- (d) Poor % of result in Graduate examination

Opportunities:

- (a) To develop computer programs and design hardwares
- (d) To organize more exposure programmes

Challenges:

To purchase equipments and other hardwares to impart practical experience and skills to the students beyond their normal class works.

DEPARTMENT OF STATISTICS

1. Name of the department: Statistics
2. Year of Establishment: 1993
3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :

Level	Program	Course	Year of introduction	Remark
UG	B.Sc./B.A.	Statistics	1993	

4. Names of Interdisciplinary courses and the departments/units involved: NA
5. Annual/ semester/choice based credit system (programme wise):

Program/Courses	Mode	System	Credits (T/P/Project)	Weightage	Medium of Instruction
B.Sc. Statistics	Semester system	Classroom teaching	Theory: 10 core papers. Practical with every paper. Optional paper including project 2.	External : Internal 70:30	English

6. Participation of the department in the courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

In collaboration with ISI Kolkata and ISI Bangalore we organized workshops.

8. Details of courses/programmes discontinued (if any) with reasons: NA
9. Number of Teaching posts

	Sanctioned	Filled
Professors		
Associate Professors		
Asst. Professors	4	3

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D Students guided for the last 4 years
Dr. Arvind Pandey	Ph. D.	Assistant Professor	Mathematical Statistics, Survival Analysis, Frailty Models and Computational Statistics.	10	0
Dr. Salam Shantikumar Singh	Ph. D.	Assistant Professor	Survival Analysis, Demography, Multivariate Analysis	4	0
Lalpawimawha	M. Sc. (SLET)	Assistant Professor	Sample Survey, Statistical Inference and Design of Experiment	2	0
Mr Abhimanyu Singh Yadav	M.Sc. (NET)	Guest	Classical, Bayesian Inference and computation	1	0
Mr B.Sanga	M. Sc.	Guest	Operation Research	1	0

11. List of senior visiting faculty:

Prof Bikash Shinha ISI, Kolkata(Nov 2011)
 Dr. Shashi Bhushan, BBAU, Lucknow(Nov 2011)
 Dr. Shashi Bhushan, BBAU, Lucknow(May 2012)
 Prof Bikash Shinha ISI, Kolkata(Oct 2012)
 Dr Boby John, ISI, Bangalore (2015)
 Dr K.K Chowdhury, ISI, Bangalore(2015)
 Dr Ashok Sarkar, ISI, Mumbai (2015)

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 40.5%
13. Student -Teacher Ratio (programme wise): 15 : 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NA
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG:
 PG- 3 M.Phil.- Ph.D. – 2

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 2
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NA
18. Research Centre /facility recognized by the University: Research Instrumentation Centre, Pachhunga University College, Aizawl.
19. Publications:

* a) Publication per faculty

Sl.No	Name	No.of publications
1	DR Arvind Pandey	12
2	Dr Salam Shantikumar Singh	2
3	Lalpawimawha	3
4	Abhimanyu Singh Yadav	11

- * Number of papers published in peer reviewed journals (national /international) by faculty and students : 28
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 28
- * Monographs: NA
- * Chapter in Books: NA
- * Books Edited: NA
- * Books with ISBN/ISSN numbers with details of publishers: NA
- * Citation Index: NA
- * SNIP: 1.04
- * SJR: 0.578
- * Impact factor: 0.635
- * h-index: 28
20. Areas of consultancy and income generated: NA

21. Faculty as members in

- a) National committees : NA
- b) International Committees: NA
- c) Editorial Boards: NA

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%

Year	Title	No.of students	Guide
2011	A Socio-Economic Survey of Students of I BA, PUC	1 (100%)	Dr Anupam Kumar
2012	A Study on Educational, Economical and Family Backgrounds of PUC Students	1 (100%)	Dr Anupam Kumar
2013	Job Satisfaction of PUC Faculty	7 (100%)	Dr Salam Shantikumar Singh
2014	Marital Satisfaction: A Statistical Analysis	3 (30%)	Mr Lalpawimawha
	Academic Performance of PUC Students	2 (20%)	Mr B. Sanga
	Socio-economic Survey on College Veng Local Council Area	2 (20%)	Mr Robert Lalhriattira and Dr Arvind Pandey
	Evaluation of Beliefs, Attitudes and Uses of AYUSH Medicines among the Students of Pachhunga University College, Mizoram University.	3 (30%)	Mr Abhimayu Singh Yadav

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: NA

23. Awards / Recognitions received by faculty and students: NA

24. List of eminent academicians and scientists / visitors to the department : NA

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National: 3 (National conference funded by UGC and DST(May 2012), National workshop funded by ISI Kolkata (Nov 2011)& National workshop funded by ISI Bangalore (March 2015))
- b) International: NA

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BSC(Statistics) 2011	29	12	5	3	100
2012	81	25	7	3	100
2013	51	25	17	1	33.3
2014	48	25	14	7	60
2015	58	25	13	6	40
Average	49	26	11	4	66.66

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BSC (Statistics) 2011	100%	0	0
2012	100%	0	0
2013	100%	0	0
2014	100%	0	0
2015	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? : NA

29. Student progression

Student progression	Against % enrolled
UG to PG	72.2 %
PG to M.Phil.	0
PG to Ph.D.	0
Ph.D. to Post-Doctoral	0
Employed	
• Campus selection	NA
• Other than campus recruitment	NA
Entrepreneurship/Self-employment	27.8 %

-
30. Details of Infrastructural facilities
- Library: NA
 - Internet facilities for Staff & Students:
 - Class rooms with ICT facility: Yes
 - Laboratories: NA
31. Number of students receiving financial assistance from college, university, Government or other agencies: 112 (100%)
32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts: **4**
- Lecture by Prof Bikash Shinha ISI, Kolkata(Nov 2011)
 Lecture by Dr. Shashi Bhushan, BBAU, Lucknow(Nov 2011)
 Lecture by Dr. Shashi Bhushan, BBAU, Lucknow(May 2012)
 Lecture by Prof Bikash Shinha ISI, Kolkata(Oct 2012)
33. Teaching methods adopted to improve student learning: Counseling, project, assignment, power point presentation.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Department faculty working in different committees of College and University (BUGS, School Board, MPSC etc.)
35. SWOC analysis of the department and Future plans:
- Strength** - Excellent, hardworking, and highly motivated faculty. They also motivate to students to perform at their best.
- Weakness** - Department don't have a departmental library and departmental computer lab(we are searing the lab with mathematics, Physics, Geology and Commerce). We are not getting good students as compare to other departments.
- Opportunity**- Department can get projects and we can do some excellent research work.
- Challenges**- To popularize the statistics among the students. Also we want to open PG course in statistics (self-finance). So that we can attract the good students. Also help them in research work.
- Future plans of the department**
- To establish a good computational lab.
 - To open PG course in statistics (self-finance).
 - To open certificate course in application of statistics.
 - To open consultancy center.
 - To get some major/minor projects as much as possible.

DEPARTMENT OF ZOOLOGY

1. Name of the department: Zoology
2. Year of Establishment: 1973
3. Names of Programmes / Courses offered: UG
4. Names of Interdisciplinary courses and the departments/units involved
1. Certificate Course in Pisciculture- Any graduating science students
5. Annual/ semester/choice based credit system (programme wise): Semester
6. Participation of the department in the courses offered by other departments- Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc = DBT Studentship programme with State Biotechnology Hub, Mizoram University
8. Details of courses/programmes discontinued (if any) with reasons: UGC certificate course in Pisciculture -Tenure for conducting course has ended.
9. Number of Teaching posts

	Sanctioned	Filled
Asst. Professors	6	6

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
K Lalchhandama	PhD	Asst. Professor	Parasitology	10 yrs	1
H Lalthanzara	PhD	Asst. Professor	Genetics	10 yrs	1
Lalramliana	PhD	Asst. Professor	Endocrinology	9 yrs	3
K. Birla Singh	PhD	Asst. Professor	Biochemistry	9 yrs	1
Vanramliana	PhD	Asst. Professor	Genetics and Molecular Biology	10yr	0
Kaushalendra	PhD	Asst. Professor	Endocrinology	4 yr	0

11. List of senior visiting faculty :

- Dr. GD Khedkar, Paul Hebert Centre for DNA Barcoding and Biodiversity Studies. Aurangabad, India - **Topic:** *DNA bar coding techniques*
- Prof. Gurusubramaniam- Mizoram University :**Topic:** *Meta genomics*
- Professor Ashish Kumar Mukherjee, Department of Biotechnology and Molecular Biology, Tezpur University, Assam: **Topic:** *Career in Biotechnology and Applied Biology: Opportunities and Challenges*”.
- Professor Jogen Chandra Kalita of the Department of Zoology, Gauhati University, Guwahati: **Topic:** *“Why to Study Science: Opportunities and Challenges”*
- Dr.LalrokimaChenkual, Head Faculty, Administrative Training Institute, Govt of Mizoram, **Topic:** *Disaster Management*

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

	Theory	Practicals
2011	5 %	Nil
2015	12.5%	20%

13. Student -Teacher Ratio (programme wise):

Program	S:T Ratio				
	2011-12	2012-13	2013-14	2014-15	2015-16
B.Sc.	41:1	48:1	44:1	52:1	68:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 3 (Laboratory Attendant)

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.:

Sl No.	Name	Qualification	Designation
1.	Dr. K. Lalchandama	Asst. Prof.	M.Sc., Ph.D.
2.	Dr. H. Lalthanzara	Asst.Prof.	M.Sc., Ph.D.
3.	Dr. Lalramliana	Asst.Prof.	M.Sc., Ph.D.
4.	Dr. Vanramliana	Asst.Prof.	M.Sc, Ph.D.
5.	Dr. K. Birla Singh	Asst.Prof.	M.Sc., M.Tech.
6.	Dr. Kaushalendra	Asst.Prof.	M.Sc., Ph.D.
7.	Ms. H.C. Lalramnghaki	Guest faculty	M.Sc.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-5

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Name of Faculty	Nature & Funding Agency	Grants Received
Dr. K. Lalchhandama	UGC	14,46,000
Dr. H. Lalthanzara	DST(SERB)	18.6 lakh
	UGC(NERO)	1.28 lakh
Dr Lalramliana	DBT	Rs. 27 lakhs
Dr Lalramliana	DST (SERB)	Rs. 35.65 lakhs
Dr. K. Birla Singh	DBT-	61.6 lakhs
Dr. Vanramliana	DBT	42.62 Lakhs

18. Research Centre /facility recognized by the University

- Host Institutional Biotechnology Hub, Sponsored by DBT
- Caretaking department- Pechanga University College

19. Publications:

- * Publication per faculty
 - K Lalchhandama: 5 proceeding, 1 book, 1 book chapter, 8 Journal=15
 - H Lalthanzara : 2 Book chapter, 2 proceeding and 5 Journal =9
 - Lalramliana: 1 book chapter, 3 Proceeding, 20 Journal=24
 - Birla Singh: , 1 book, 4 book chapter, proceeding 3, journal 6=14
 - Vanramliana 1 book, 1 book chapter, 3 proceeding, 2 papers=7
 - Kaushalendra: 1 paper= 1
- * Number of papers published in peer reviewed journals (national /international) by faculty = 42 and students=1
- * Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)= 42
- * Monographs=0
- * Chapter in Books= 0
- * Books Edited=1
- * Books with ISBN/ISSN numbers with details of publishers: 3
- * Citation Index=24

- * SNIP=3.188
- * SJR=2.56
- * Impact factor- Total =39, Average=1.489
- * h-index=109

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

- a) Dr. K Lalchandama, Editor, Science Vision Journal
- b) Dr. Lalramliana, Editorial Board Science Vision Journal
- c) Dr. H Lalthanzara, Editorial Board Science Vision Journal

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: 100 % (6th semester only)
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies = Nil

23. Awards / Recognitions received by faculty and students.

AY	Name of Faculty	Details of Awards/ Recognitions	Organization
2012-2013	Dr. Lalramliana	DBT's National Associateship	DBT, Govt of India
2012-2013	Dr. Kshetrimayum Birla Singh	1. Awarded Biotech Overseas Associateship for the scientist working in the North Eastern state of India	Department of Biotechnology, New Delhi.
		2. Awarded Fellow of Bihar Biological Research Society (FBBS)	Bihar Biological Research Society (FBBS)

24. List of eminent academicians and scientists / visitors to the department:
Apart from sl no. 11, eminent academicians visiting during National Seminars are:

- Prof Madhusan Das, University of Calcutta,
- Prof Brataji Dee, University of Calcutta
- Dr. Pritish Chowdhury. Chief Scientist. NEIST,
- Prof. Jogen Chandra Kalita, Guwahati University,
- Madhu Mohon, BARC

25. Seminars/ Conferences/Workshops organized & the source of funding
- a) National: 2 funded by UGC
- Emerging Trends in Biosciences and Future Prospects (29th – 30th November, 2011)
 - Recent Advances in Natural Products Research Products Research Dept. of Zoology & RIPANS 29th November to 1st December, 2012
26. Student profile programme/course wise: 2011-15

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BSc Zoology	1080	265	133	152	93.49

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc Zoology	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? = NA
29. Student progression:

Student Progression	Against % UG enrolled
UG to PG	96%
UG to PG (other subject)	2.9%

30. Details of Infrastructural facilities
- a) Library: - Available
 - b) Internet facilities for Staff & Students: - Available
 - c) Class rooms with ICT - facility: - 2 nos
 - d) Laboratories: - 2 nos
31. Number of students receiving financial assistance from college, university, government or other agencies: 185
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- Career in Biotechnology and Applied Biology: Opportunities and Challenges”. Professor Ashish Kumar Mukherjee, Department of Biotechnology and Molecular Biology, Tezpur University, Assam
 - “Why to Study Science: Opportunities and Challenges” Professor Jogen Chandra Kalita of the Department of Zoology, Gauhati University, Guwahati
 - Invited Popular lecture on ‘Disaster Management’ Dr. Lalrokima Chenkual, Head Faculty, Administrative Training Institute, Govt of Mizoram
 - Hands-on training on DNA Bar-coding
 - Popular Invited Lectures on Applied Life Sciences
 - DNA extraction and amplification on selected species
 - Application of Chromatography in Life Sciences
 - Advances in Biotechnology
 - Bird monitoring and E-bird
33. Teaching methods adopted to improve student learning:
- Amalgamation of Chalk-talk & ICT enabled teaching.
 - Participatory Learning group discussion, Quiz.
 - Assignments, Seminar & Student presentations.
 - Demonstrative lectures/Experiments/Trainings.
 - Participation & Presentation in Conference/seminars/symposiums.
 - Educative notice boards.
 - Hands on training workshops.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Organize bird conservation awareness workshop for local photographers
 - Faculty members is state level committee like State Biodiversity board, Wetland Conservation
 - Organize exposure programme for high School and Senior HSS students
 - Organize extension programme for rural colleges.
 - In application and mentoring DBT- BISS programme.
35. SWOC analysis of the department and Future plans:
- 1. Strength**
- Campus location and excellent educational environment.
 - Good results in Undergraduate University examination.
 - Regularly upgrades laboratory equipment.
 - All the faculty were well qualified (all have doctorate degree with young, dynamic and energetic) and well versed with new innovative ideas of research and teaching Practicing remedial course for semester students.
 - The Department is well equipped with technologies like smart board, internet, and LCD projector for modern teaching techniques.

- The department established Zoological Museum where 595 zoological specimens including a number of holotype and paratypes were deposited.
- Organizes workshops and seminars.
- Well placed alumni at the national level.
- Faculties are efficient in teaching and research both.

2. Weakness

- High students to teacher ratio.
- Since research is initiated through the aegis of DBT Star College Scheme, more equipment is needed for better and accurate results which can be published in better journals.
- No separate Departmental seminar hall
- No separate Departmental library for the students

3. Opportunities

- Initiating research projects.
- Organize more exposure programs to students and faculty.
- Enhancing student's skill to handle sophisticated instrument.

4. Challenges

- Procuring more research instrument to imparts skills to students/faculty in order to meet the advance scientific community.
- Inspire/encourage students for higher studies.
- To introduce the students for the molecular and deep study
- To prevent the student from using the technology i.e. internet facility in non-academic way

DEPARTMENT OF COMMERCE

1. **Name of the department:** COMMERCE
2. **Year of Establishment:** 1981
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** Under Graduate
4. **Names of Interdisciplinary courses and the departments/units involved:**
Bachelor of Commerce
5. **Annual/semester/choice based credit system (programme wise):** Semester
6. **Participation of the department in the courses offered by other departments:** NIL
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** NIL
8. **Details of courses/programmes discontinued (if any) with reasons:** NA
9. **Number of Teaching posts:**

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	5	5

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr R.K.P.G. Singha	Ph.D	Assistant Professor	Marketing	24	NA
Dr. Vanlalhlana	Ph.D	Assistant Professor	Finance	10	NA
Dr. Lalhunthara	Ph.D	Assistant Professor	MSEM	9	NA
Dr. Ch. Nalini Devi	Ph.D	Assistant Professor	Entrepreneurship	8	NA
Lalthanzuali Hahnar	M.Com	Assistant Professor	Marketing	5	NA

-
11. **List of senior visiting faculty:** Nil
 12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 16.67%
 13. **Student -Teacher Ratio (programme wise):** 1:34.2
 14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** NA
 15. **Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/MPhil/PG.**
PhD – 4 M.Com - 1
 16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** 03 nos. (1.5 lakh + 1.5 lakh + 4 lakh)
 17. **Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:** NIL
 18. **Research Centre /facility recognized by the University -** NIL
 19. **Publications:**
 - * **Publication per faculty:**
 - a) Dr. R.K.P.G. Singha – 7;
 - b) Dr. Vanlalhlana – 2
 - c) Dr. Lalhunthara – 6;
 - d) Dr. Ch. Nalini Devi – 5
 - e) Lalthanzuali Hauhnar - 1
 - * **Number of papers published in peer reviewed journals (national /International) by faculty and students -** 1
 - * **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) -** 1
 - * **Monographs -** NIL
 - * **Chapter in Books -**
 - * **Books Edited -** 1
 - * **Books with ISBN/ISSN numbers with details of publishers –**
 - * **Citation Index -** 4
 - * **SNIP -** 0.13

- * **SJR** - 0.103
 - * **Impact factor** - 1.223
 - * **h-index** - 4
20. **Areas of consultancy and income generated** - NIL
21. **Faculty as members in**
- a) National committees
 - b) International Committees
 - c) Editorial Board - NIL
22. **Student projects**
- a) Percentage of students who have done in-house projects including inter departmental/programme – 100 per cent
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - NIL
23. **Awards / Recognitions received by faculty and students** - NIL
24. **List of eminent academicians and scientists / visitors to the department –**
- 1) Mr. John Laldingliana, Food Safety Officer Health and Family Welfare Department, Govt. of Mizoram.
 - 2) Mr. Lalhmingliana, Asst. Director (Food and Drugs), Food and Drugs Administration Wing, Health and Family Welfare Department, Govt. of Mizoram.
25. **Seminars/ Conferences/Workshops organized & the source of funding**
- a) National – 1 (UGC-NERO)
 - b) International
26. **Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.Com. (2011)	184	55			100
B.Com. (2012)	178	60			42.64
B.Com. (2013)	206	60			66.66
B.Com. (2014)	255	60			64.58
B.Com. (2015)	124	65			65.78

*M = Male *F = Female

27. **Diversity of Students**

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com. (2011)	97.92	2.08	-
B.Com. (2012)	93.34	6.66	-
B.Com. (2013)	96.49	3.51	-
B.Com. (2014)	100	-	-
B.Com. (2015)	98.25	1.75	-

28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA**

29. **Student progression**

Student progression	Against % enrolled
UG to PG	29.41
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	NIL
• Other than campus recruitment	39.50
Entrepreneurship/Self-employment	12.61

30. **Details of Infrastructural facilities**

- a) Library
- b) Internet facilities for Staff & Students
- c) Class rooms with ICT facility
- d) Laboratories

31. **Number of students receiving financial assistance from college, university, government or other agencies. - 231**

32. **Details on student enrichment programmes (special lectures / workshops /seminar) with external experts. –**

1. Invited lecture on Food Safety and Self Medication
2. Investment Workshop by Securities Exchange Board of India

33. **Teaching methods adopted to improve student learning.** – Personal counseling, project report, assignment, seminar presentation, mock stock market participation and exposure visits.
34. **Participation in Institutional Social Responsibility (ISR) and Extension activities.** – Faculties were actively involved in talk shows on the radio/televisions, NGOs like state level consumers’ union and lectures in entrepreneurship camps.
35. **SWOC analysis of the department and Future plans**

Strengths:

- Good result in university examinations.
- 4 out of 5 regular faculty members have PhD degree while 1 is still pursuing PhD.
- Organized workshops and seminars.
- Consistent management of students.
- Practical approach on pedagogy practice.
- Efficient use of ICT for classroom teaching and individual faculty research work.
- Faculties are equipped with practical experiences on related subjects.

Weakness:

- Limitations to change the syllabus.
- Teacher –Student ratio is at around 1:30 and, thus the department cannot function effectively without a guest lecturer.

Opportunities

- Faculty as resource persons.
- Organise more exposure programmes.
- Presentation of research papers at national and international conferences.
- Coordinating with alumni with regard to placements.
- Industrial visits by faculty and students.

Challenges

- To motivate students to appear for competitive exams of professional courses. such as CA, CS, ICWA and entrance exams for banks and insurance companies.
- To enhance students towards their preparation for ‘MBA’ entrance tests.
- To encourage students to analytically read national newspapers, magazines and promote reading habits.
- Placement of students in corporate houses.
- Course coverage becomes a challenge for the teacher as there are limited faculties in the department.

Future Plans

- To set up a research centre in Commerce
- To set up an account laboratory in Commerce
- To apply for Major research projects under various agencies
- To have a departmental journal with ISSN No.
- To have a Entrepreneurship Hub in the department

POST ACCREDITATION INITIATIVES

The accreditation by NAAC has helped the college in all round developments. The college took upon the challenge to become a better college by realigning the teaching learning process, strengthening and improving infrastructure, inculcating the research culture and enhancing social outreach. First cycle of accreditation was carried out in 30th August 2010. The peer team made recommendations for the quality enhancement of the college by indicating 12 different areas where it was desirable to enhance the quality or to maintain the existing standards and practices.

In addition to the peer team recommendations the college took several initiatives to enhance the quality of the college. A brief overview of the post-accreditation initiatives undertaken are as follows:

I. Initiatives in Realigning the Teaching-Learning process: The college made a significant contribution to the development of new curricula. Faculties of the college plays important role in the development of semester system adopted by Mizoram University in 2011. Being the only constituent college of Mizoram University, the college faculties structure syllabi of the Mizoram University being members of Boards of Studies and School board members in each department.

Room re-arrangements are made for a better student centric environment. Departmental faculty rooms have been re-organized for better student-teacher interactions. Every department faculty rooms are placed adjacent to their Core students for easy access, better interaction, counseling and consultation.

The college also introduces incorporation of Co-curricular activities class in the daily routine. This enables smooth academic transaction and allocation of separate time for counseling, students union activities and other co curricular activities.

The college adopted a new admission regulation and new system of admission from 2011 to ensures better and transparent admission system. The college also enhance exposure programmes. Teaching has been augmented with field experience, industrial visits and visits to National Institutes. Being a remote state, students requires exposure to outside state. A total of 37 lakhs has been utilized to increase and strengthen students exposure programmes.

Curricula transaction has been revised and revamped in the following methods.

- The college's Academic Committee regularly held meeting at the beginning of each semester to look into the academic calendar and curriculum transaction.
- Faculty meeting on curriculum development.
- Allocation of courses for curriculum transaction at departmental level.
- Semester plans (work book) prepared by faculty.
- Semester plans cross checked by the Principal.
- Faculty class log book system in place.
- Faculty log book countersigned by Vice-Principal.
- Proper briefing of all students at departmental level with pre-prepared power-point presentation at the beginning of every academic year.

The college has also been awarded “STAR College Scheme” by Department of Biotechnology, Ministry of Science and Technology, Government of India. Four departments have been recognized under the scheme viz., Chemistry, Botany, Zoology and Physics.. The concept of Add On projects, Hands on training and students exchange, Students presentation have been very well propagated among the undergraduate students and teachers. The practicals focus mainly on skill development amongst students. Practical manuals have been published for student support.

The college received DBT Institutional Biotechnology HuB under which students, research scholars and faculties are trained to handle modern biotechnology tool. Outreach programmes for other colleges, HSS and High school students are also conducted.

Faculty training IT enables ICT enabled learning and teaching. Teachers have e-content in some subjects that are being uploaded in departmental websites for easy access. ICT based teaching and learning have been used. Students education in IT enables students PowerPoint presentation of their projects or assignments.

II. Enriching the Learning Resources

As per the peer team recommendation of imparting soft skill knowledge to students more computer laboratory are created. Language laboratory, Computer laboratory and GIS laboratory have been created during the assessment period. Students are trained to use basic of DTP and Internet communication technologies. Departmental websites are created which are linked to the college websites.

All classrooms are mounted with LCD and LED projector. In the previous assessment period there were 20 projectors (one in each department and one common) which has been increased to 38 numbers with one smart board. Peer team recommendation of Library automation has been completed with SOUL 2.0 software. Every department are connected through OPAC software for easy access. All user have been automated for easy transactions. Necessary software have been purchased for academic purpose. The college also use students database software developed by the Department of Mathematics for better student management system. Departments also create *whatsapp* group for easy information dissemination. The college internet have been strengthened with 100 mbps least line fiber optics connection through NIC. This enables ICT based learning and information acquisition through the internet. The College has Wi-Fi internet connection at every buildings and departments. There are six free Wi-Fi zones for students and one for research scholars. Wi-Fi internet is also available for faculty and staff.

III. Inculcating the Research culture

The peer team reclamation of allowing more teacher to acquire PhD degree have been done. The principal encourages faculty for higher studies and arrange guest faculty to take charge of faculty on PhD leave. In the previous assessment there were 33 faculties with Ph.D degree which is 39.28% of the total faculty. Currently there are 63 faculties with Ph.D degree

which is 60.57 % of the total faculty. There are 19 faculties pursuing their Ph.D degree. The college project committee organized research mentoring, monitoring and sensitization programme to monitor the progress report of ongoing projects, to provide mentoring through presentation by project supervisor who completed their research projects. Faculties with good potential for research are invited to attend this programme. The Principal encourages the faculties for further studies like PhD and research associateship. Two faculties Dr. KB Singh (Zoology) and Dr. KK Singh (Environmental Science) are awarded with International fellowship and two faculties Dr. Lalramliana (Zoology) and Dr. Rohmingawii (History) are awarded with national associate ship. Faculties publish their findings in National and International Journals. Major achievements of research activities are as follows - discovery of new species of animals, landslide and disaster management, antimicrobial screening, diagnoses of diseases, pest management etc. One notable achievement of the college is the discovery of new species of fish and other animals. 17 new species of fish and 1 nematode have been described and published in reputed international journals and accepted worldwide.

The college has 16 research projects in the first cycle of assessment with the total amount of Rs.28,07,750. The number of research projects has been increasing ever since, and in the 2nd cycle of assessment the college has 36 research projects amounting to Rs.2,83,81,370. The college also hosts two Women Scientist sponsored by DST.

Laboratories have been renovated and Research Instrumentation Centre have been constructed to enhance the research activities. The result of creating these infrastructure leads to the attachment of two women scientist from DST. Regular PhD scholars has been working in the college which is not available during the last accreditation cycle. The faculties of the college also served as consultants in many fields like Infrastructure development at Stress management , Student Database of colleges, Establishment of Laboratory etc.

IV. Improving the Student Support Mechanisms

After the first cycle of NAAC, the student support system have been strengthened. The college conducts various certificate courses and personality development courses. Other courses like- self financed finishing school, UGC sponsored coaching class for entry into services, banking service training, Call centre & BPO training etc have been conducted.

New scholarship and departmental awards have been created to motivate students. Introduction of "Earn While Learn" scheme enables students with poor financial backgrounds to support themselves while studying. Private sponsorship of merit students are made available. Students exposure programmes are greatly enhanced to improve students outlook and overall development.

More remedial classes are conducted to support slow learners. The introduction of Mentor-mentee system and departmental counseling enables better psycho social and academic support to students. The college conducts moral and career counseling through certified counselors and local church pastors. Departments regularly conduct counseling for students as part of the CCA programme.

Hands-on-training is conducted for one week on DNA extraction and amplification to prepare students for their further studies. This is conducted every year from 2012. Students Exchange programme are also organized by the college. Department of Chemistry Union Christian College, Shillong and Pachhunga University College jointly organized State level seminars in both the college. Students and faculties present their papers and organize discussion. This provide s good platform for upbringing scientific temperament amongst students.

V. Strengthening the Infrastructure

Taking into consideration the Peer team recommendation of renovating the infrastructure, the college makes its best effort in developing new infrastructure and renovates the old infrastructure. The college does its best to acquire funds from all possible sources. The major sources of funding includes Mizoram University, UGC, DBT, Ministry of DONER, Ministry of Tribal Affairs and Government of Mizoram. The college strengthen its infrastructure by creating new infrastructure and renovating old infrastructure.

List of newly created infrastructure are:

	Year	Amount in Rs.
1. Teachers' Room and Classroom	2013-2014	205,70,000.00
2. Jubilee Hall	2013-2014	28,27,416.00
3. Language Lab	2014-2015	5,50,000.00
4. Library building	2013-2014	280,00,000.00
5. Multi Complex Auditorium	2013-2014	256,73,000.00
6. Physical Science Block	2013-2014	22,19,609.00
7. Research & Instrumentation Centre	2014-2015	14,00,000.00
8 New Boys Hostel	2013-2014	37,69,286.00
9. New Girls Hostel	2014-2015	333,14,150.00
10. Boundary Fencing	2011-2012	6,00,000.00
11. Sports Infrastructure	2011-2012	40,00,000.00
12. Boys hostel	2015	Ongoing

List of major infrastructure renovations are:

Classroom (Block 3)	2011-12	6 nos
Classroom Science Building	2013-14	4 nos
Laboratory	2011-15	6 nos
Building re painting	2013-15	5 nos
Hostel renovation	2013-14	1
Classroom benches	2013-15	10 classrooms
Road repairing	2014-15	

VI. Enhancing the Linkages and networking

Over the years the college has made consistent efforts in developing and utilizing linkages for academic and research benefit of teachers and students. Linkages have been created with International, National and Local institutes for research, training, publications, seminars etc. The linkages created are not available during the last cycle of assessment. Notable linkages are:

The college has linkage with:

- Manipur University , Manipur in DBT Twinning project
- The National Bureau of Fish Genetic Resources (NBFGR), Lucknow, in DBT Twinning project
- Assam University, Silchar in National Associate-ship faculty training scheme
- Paul Hebert Centre For DNA Barcoding and Biodiversity Studies, Aungrabad in training faculties on DNA bar coding.
- Kings College, London- On DBT international Associate-ship faculty training.
- National University of Singapore- In describing new species of fish from Mizoram
- Zoological Museum, University Hamburg, Germany in describing new species of Nematode from Mizoram
- Department of Zoology, Natural History Museum, Cromwell Road, London- In describing a new species of fish from Mizoram
- Mizoram University- research collaboration includes full time PhD scholars working at Pachhunga University College. The college faculty members serve as Joint Supervisor.
- Institutional Biotechnology Hub also collaborates with State Biotechnology Hub in conducting studentship training and research projects. The hub is the first institute in Mizoram to successfully diagnose the presence of the Japanese encephalitis virus in Mizoram in collaboration with the Aizawl Hospital.

Other linkages includes:

- TT Royte agencies Northeast Consultancy Services in developing infrastructure at the college by constructing a women's hostel at the college.
- The college also has linkage with MULCO Ltd (Mizoram Multi-Commodity Producers Cooperative Union) in developing and catering healthy food at the campus.
- The college maintains a cordial relationship with the Environment and Forest Department for the conservation of forest within the campus.
- The college established a relationship with "Hnam chhantu" a local small scale traditional dress and handicraft company. The college aids in their product popularization during the college's Cultural Day.
- The college also has linkage with Department of Horticulture in
 - Developing "Zo huan"
 - Conducting a Diploma Course in Mushroom Cultivation.

VII. Enrichment through Seminars, workshops etc.

The NAAC peer team recommended organizing more seminars, workshops etc for faculty and student exposure. Accordingly the college have taken initiatives and organized quality programs. The college organized 2 international, 25 National and 7 State level seminars, workshops etc. The college also organizes 21 college level seminars and special talks.

Capacity building in terms of organizing seminars at the college level plays an important role in management, review and building leadership. IQAC organizes the following such seminars/workshop.

1. IQAC annual review seminar- organized on 3 occasions
2. Innovative methods of teaching in Higher Education
3. Orientation for newly recruited faculties.
4. Special lecture on PBAS system of Mizoram University.
5. Faculty training on website maintenance.
6. ICT enabled teaching and learning training for senior faculties.

Another unique feature of the college is in organizing Research mentoring and monitoring workshop. The college project committee organizes two workshops of such kind to enhance and monitor the quality of research projects within the college.

VIII. Institutional Social Responsibility.

The college made a significant contribution towards societal developments. Faculties of the college participate in special talks organized by local cable operators and Doordarshan in sensitive topics like suicide prevention, forest conservation, disaster management, political analysis, literature analysis etc.

The college became the first institution to adopt a village in Mizoram. Phulpui Village was adopted from 2012 academic session. This village adoption programme is self-financed through the contribution of the faculty. The college contributes academic knowhow, environmental consciousness, agriculture system, school education, science education etc. The college also organizes exposure programmes for school students visiting the college campus, libraries and laboratories. Special cases of admission are also given to students from the adopted village. The college published a book, "An insight to Phulpui". One very significant contribution is the discovery of new fish species from the village conserved river which was named *Schistura mizoramensis* (*Ichthyol. Explor. Freshwaters*, 25(3): 205-212.).

The students, staff and faculties made a significant contribution through NSS, Clubs etc. List of NSS activities signifies the societal contribution. The college receives award for highest number of voluntary blood donations in a year in 2013, 14, & 15. Students made a significant contribution to children's homes donating their time and money.

The college also took a significant role in conserving the largest forest within Aizawl City knowing the importance of Community forest. The college organizes two Forest conservation awareness seminars with neighboring communities. The department of zoology also took initiatives in bird conservation by organizing awareness programmes with local bird watchers and nature lovers.

Institutional biotechnology hub made a significant contribution towards popularizing modern biology and biotechnology. The hub organizes training for faculties of other colleges, teachers of higher secondary school. The hub also organizes exposure programmes to rural colleges and schools within their premises. This contribution is appreciated by the funding agency DBT by awarding an "Outstanding IBT hub" among IBT hubs within North East Region.

IX. All round personality development through Sports and Cultural and students activities

Over the years, Pachhunga University College has won laurels in sports and cultural activities besides being in the forefront of academic achievements. The college has very good infrastructural facilities for sports and related extra-curricular activities, which have grown through the years. Students have participated in state level and inter-University level sports and won medals. New infrastructure created for students and communities includes Indoor Sports training Facility funded by UGC and Multipurpose sports complex auditorium funded by Ministry of Development of North East Region. The students' achievement in sports is listed in Criteria 5.3.2.

The college also organizes two cultural day events. This cultural day is organized in such a way to promote cultural harmony amongst the participants. Cultural dance within the North East region are performed by students within the institute, students from other institute and non- mizo children community within the state. All participants dress in their own cultural dress and traditional mizo dish is served for lunch. This integrates the appreciation and tolerance of one own culture and other culture among the participants.

The college also forms new cultural clubs within the assessment period- Chhawkhei and Ainawn Cultural clubs. These cultural clubs performed in various colleges, state and outside state functions. Various cultural item competitions are also held during college week programmes.

X. Administration and leadership

Growth in terms of academic and physical infrastructure requires good administrator. The Principal of the college actively and efficiently took the full responsibility for the upbringing of the current stature. The growth in recent years has led to more student population on the campus and more teachers. Some administrative and academic changes made by the current principal are:

- Organizing community feast for faculty and staff for better harmony among employees of the college.
- Organizing regular staff and faculty meetings for motivation and college administration.
- Maintaining financial transparency.
- Imparting leadership skills among faculty and students.
- The principal organizes departmental visits to inspire and acknowledge the contribution of faculties.
- The principal introduces tutor-ward system and incorporate Co-curricular Activities in the academic routine.
- Career and counseling courses are conducted under principal's leadership.
- Academic audit
- Introduction of Departmental book bank.
- The principal delegates administration in the form of committees.
- The principal advocates punctuality. He himself reaches the college on time.
- The principal conducts interaction with students to get their feedback regarding teacher's performances and to know their problems.
- Introducing faculty blazer which creates uniformity and integrity amongst faculty.

XI. Improving the Monitoring and Report Mechanisms.

Monitoring the academic activity and report system has been improved. IQAC departmental coordinators are appointed for better record keeping and monitoring system.

Some of the new system introduced for monitoring are:

- Departmental faculty lesson plan and submission to the principal.
- Departmental Academic audit by the principal at principal's chamber
- IQAC result analysis.
- Students faculty assessment system
- Classroom and faculty room visit by principal and vice principal.
- Academic audit in academic committee meeting.
- IQAC quality enhancement seminar.
- Departmental counseling.
- Submission of lesson plan to the principal.

Some of the new reporting systems introduced are:

- Departmental Monthly Report to IQAC and Principal
- Departmental Annual Report (DAR) to IQAC.
- Seminar and workshop report to IQAC.

XII. Introduction of new courses

New courses and Post Graduate recommended by the Peer team have been proposed to Mizoram University authority to be introduced during 12th plan. However, the University could not approve the proposal. Two new departments have been introduced in the accreditation cycle- Department of Biotechnology and Department of Environmental Science.

Other courses newly introduced are:

- **Certificate Course in Human Rights:** This course is a UGC sponsored course and is conducted by the Department of Political Science. The course was sanctioned on 13th December 2012 and it started from 2013-14 academic sessions. Entry level for the course is Class XII.
- **Certificate Course in Introduction to Humanities:** The department of English organized a college-funded 3 months Certificate Course in Introduction to Humanities from 29th October to 15th December. The course was opened for 1st Semester students belonging to the school of humanities. This course had six courses contained in the syllabus namely English Literature, Visual Art: Painting, Language: Mizo, Musicology, World Religion and Philosophy.
- **Finishing School:** The college conducts a finishing school for final year students. This course is mainly for personality development. This is a self-financed course.
- **Diploma Course in Mushroom Cultivation:** This course under UGC Community College Scheme is to be conducted from 2015-16 Session. Entry level is class XII and the number of students per course is fixed at 50.

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Email-pachhungaunivcollege@gmail.com



PACHHUNGA UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF MIZORAM UNIVERSITY)
AIZAWL - 796001 : MIZORAM, INDIA
(Recognized by University Grants Commission under 2(f)&12(B) since 1969)

Declaration by the Head of the Institution

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Principal
Pachhunga University College
Aizawl : Mizoram

Dr. Tawnenga
Principal

Date: 8th January 2016

Place: Aizawl, Mizoram



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(A CONSTITUENT COLLEGE OF MIZORAM UNIVERSITY)

AIZAWL - 796001 : MIZORAM, INDIA

CERTIFICATE OF COMPLIANCE

(Affiliated and Recognized Institution)

This is to certify that **Pachhunga University College, Aizawl, Mizoram** fulfills all norms.

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body (UGC) and
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Principal
Pachhunga University College
Aizawl : Mizoram

Dated : 8th Jan. 2016
Place : Aizawl, Mizoram

(TAWNENGA)
Principal



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वयत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Pachhunga University College
Aizawl, affiliated to Mizoram University, Mizoram as
Accredited
with CGPA of 2.78 on four point scale
at B grade
valid up to January 07, 2016*

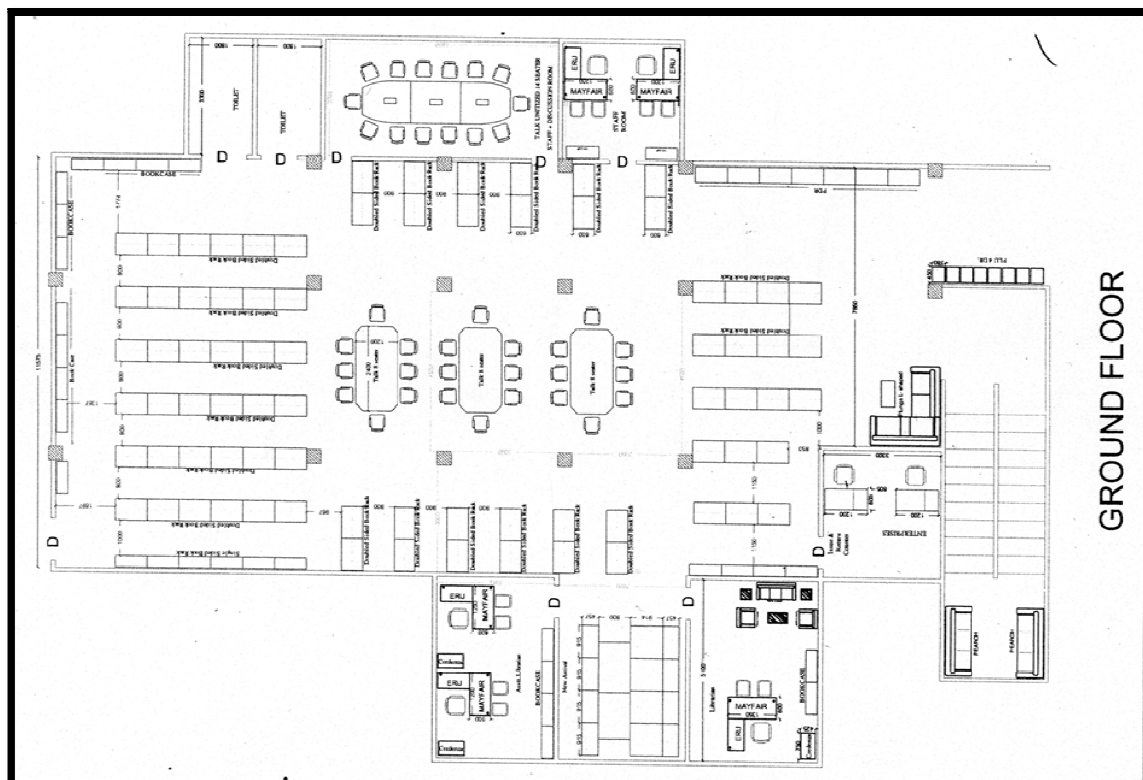
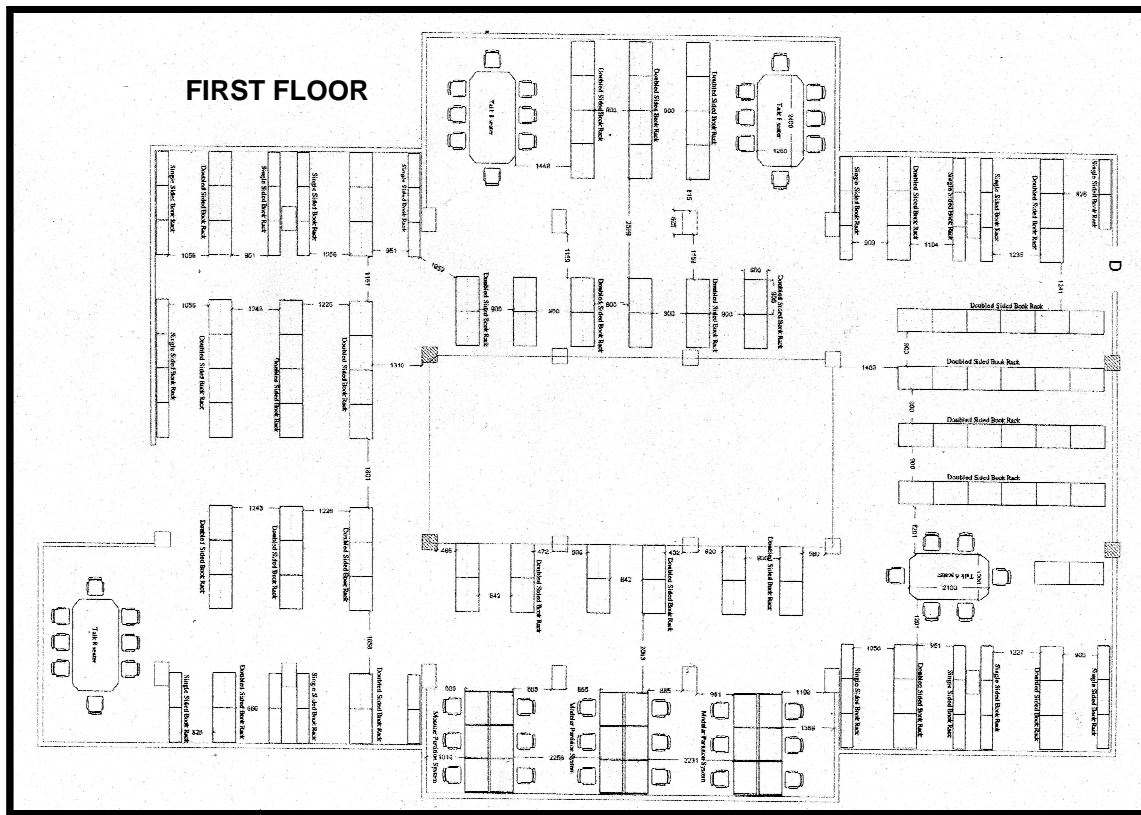
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H. K. Raut
Director



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SPEED POST

विश्वविद्यालय अनुदान आयोग

बहादुरशाह जफर मार्ग

नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

15th September, 2009

The Principal,
Pachhunga University College,
Aizwal
Distt. Aizwal
Mizoram – 796 001

Sub:- Recognition of Pachhunga University College, Aizwal, Distt. Aizwal Mizoram under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

With reference to your letter No. PUC.20/Adm/2009/297 dated 22.07.2009 on the above subject, I am directed to say that the name of **Pachhunga University College, Aizwal, Distt. Aizwal, Mizoram** is included in the list of Colleges maintained under Section 2(f) & 12 (B) of the UGC Act, 1956 under the head Government Colleges teaching upto Under Graduate Degree. The College is also eligible to receive Central assistance under Section 12 (B) of the UGC Act.

Yours faithfully,

(Sunita Gulati)
Section Officer

ABBREVIATIONS

ACR	-	Annual Confidential Report
AICS	-	All India Council of Sports
AICTE	-	All India Council for Technical Education
AIDS	-	Acquired Immuno Deficiency Syndrome
AMKA	-	All Mizoram Karate Association
AQAR	-	Annual Quality Assurance Report
AVBD	-	Association of Voluntary Blood Donation
BARC	-	Bhabha Atomic Research Centre
BCIL	-	Biotech Consortium India Limited
BIOCON	-	Bio-Resource Inventory and Emerging Conservation Strategies
BOD	-	Biological Oxygen Demand
BOS	-	Board of Studies
BPO	-	Business Process Outsourcing
CA	-	Continuous Assessment
CAS	-	Career Advancement Scheme
CAT	-	Continuous Assessment Test
CATC	-	Combine Annual Training Camp
CBCS	-	Choice Based Credit System
CBSE	-	Central Board of School Education
CCA	-	Co-Curricular Activities
CGPA	-	Cumulative Grade Point Average(s)
CSIR	-	Council of Scientific and Industrial Research
CYMA	-	Central Young Mizo Association
DAR	-	Departmental Annual Report
DBT	-	Department of Bio-technology
DCI	-	Dental Council of India
DMR	-	Departmental Monthly Report
DNA	-	Deoxyribonucleic Acid
DOC	-	Department of Communication
DOEACC	-	Department of Electronics and Accreditation of Computer Courses
DST	-	Department of Science and Technology
DTP	-	Desktop Publishing
EFFICOR	-	Evengical Fellowship of Indian Commission on Relieve
ESE	-	End Semester Examination
EU	-	Evangelical Union
GHSS	-	Government Higher Secondary School
GIS	-	Goegratic Information System
GMAT	-	Graduate Management Admission Test
GOI	-	Government of India
GOM	-	Government of Mizoram
GPS	-	Global Positioning System
HRM	-	Human Resource Management
HSS	-	Higher Secondary School
HSSLC	-	Higher Secondary School Leaving Certificate

ICFAI	-	Institute of Chartered Financial Annalist of India
ICSSR	-	Indian Council of Social Sciences Research
ICT	-	Information and Communication Technology
IFS	-	Indian Foreign Service
IGNOU	-	Indira Gandhi National Open University
IICB	-	Indian Institute of Chemical Biology
IIRS	-	Indian Institute of Remote Sencing
IIT	-	Indian Institute of Technology
INFLIBNET	-	Information Library Network
INR	-	Indian Rupee
INTACH	-	Indian National Trust for Art and Cultural Heritage
IQAC	-	Internal Quality Assurance Cell
IRC	-	Internet Resource Centre
ISBN	-	International Standard Book Number
ISI	-	Indian Standards Indexs
IUC	-	Inter-connection Usage Charges
JNU	-	Jawaharlal Nehru University
MHIP	-	Mizo Hmeichhia Insuihkawm Pawl
MHRD	-	Ministry of Human Resource Development
MIELS	-	Mizoram English Literary Society
MIPOGRASS	-	Mizo Post Graduate Science Society
MLA	-	Member of Legislative Assembly
MMS	-	Mizoram Mathematics Society
MNF	-	Mizo National Front
MOU	-	Memorandum of Understanding
MPSC	-	Mizoram Public Service Commission
MSACS	-	Mizoram State Aids Control Society
MSME	-	Micro Small and Medium Enterprise
MTWC	-	Mizo Teacher Welfare Committee
MULCO	-	Mizoram Multi-Commodity Producer Cooperative Union
MZP	-	Mizo Zirlai Pawl
NAAC	-	National Assessment and Accreditation Council
NBFGR	-	National Beureau of Fish Genetic Resources
NCC	-	National Cadet Corps
NCTE	-	National Council for Teacher Education
NE	-	North East
NEC	-	North Eastern Council
NEHU	-	North Eastern Hill University
NEI	-	North-East India
NEIST	-	North East Institute of Science and Technology
NEZCC	-	North-East Zone Cultural Centre
NGO	-	Non-Governmental Organisation
NIC	-	National Informatic Centre
NIELIT	-	National Institute of Electronics and Information Technology
NIMHANS	-	National Institute of Mental Health and Neuroscience
NIT	-	National Institute of Technology

NME-ICT	-	National Mission Education through Information and Communication Technology
NPTEL	-	National Programme on Technology Enhanced Learning
NSS	-	National Service Scheme
NTSA	-	Non-Teaching Staff Association
OBC	-	Other Backward Caste
OPAC	-	Online Public Access Catalogue
PBAS	-	Performance Based Appraisal System
PCI	-	Phenyl Chloro Isoamyl
PCR	-	Polymerase Chain Reaction
PHC	-	Primary Health Centre
PRISM	-	People Right to Information Movement
PTA	-	Parent Teacher Association
PUC	-	Pachhunga University College
PUCTA	-	Pachhunga University College Teachers Association
PUMP	-	People United in Music with a Purpose
PWD	-	Public Work Department/People with Disabilities
RIPANS	-	Regional Institute of Paramedical and Nursing Sciences
RTI	-	Right to Information
SIB	-	Subsidiary Intelligence Beureau
SJR	-	SCImago Journal Rank
SLET	-	State Level Eligibility Test
SNIP	-	Source Normalized Impact per Paper
SOUL	-	Software for University Libraries
SSR	-	Self Study Report
SSU	-	Student Self Support Union
SWOC	-	Strength Weakness Opportunities and Challenges
TOFEL	-	Test of English as a Foreign Language
UCC	-	Union Christian College
UGC	-	University Grant Commission
YMA	-	Young Mizo Association
ZET	-	Zoram Educational Trust



Address & Contact

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