

UNIVERSITY GRANTS COMMISSION, NEW DELHI
CPE PROGRESS REPORT

1. Name and Address of the college:

Pachhunga University College, Aizawl 796001, Mizoram

2. Name of the Principal of the College:

Dr Tawnenga

3. Period of the Progress Report:

July 2017–March 2019

4. Activities Taken up During the Year:

1. Purchase of laboratory equipment and consumable
2. Purchase of equipment for language lab
3. Initiation of library automation
4. Library Week on 5-8 March 2018
5. Acquisition of IT-based teaching aids
6. Augmentation of wireless internet service
7. IT-based improvement of seminar hall
8. Classroom upgradation with smart TV
9. Repair and refurbishing of laboratory equipment
10. Coaching for Civil Services
11. Remedial classes
12. Orientation courses for fresh UG science students
13. Coaching for sports
14. Finishing school for graduating students
15. Coaching for cultural studies and performing arts

5. Utilization of Grants during the Year:

No	Item Head	Total expenditure ₹
A	Capital Assets - 35 (Non-recurring)	
1	Lab upgradation	1,500,000.00
2	Language Lab	300,000.00
3	Teaching aids	1,500,000.00
4	Library automation	500,000.00
5	Computers	500,000.00
6	Books & journals	1,400,000.00
7	Internet connectivity	300,000.00
8	Upgradation of classroom/seminar hall	1,500,000.00
9	Other activities (skill/sports)	1,500,000.00

	Total	9,000,000.00
B	Grant-in-aid General - 31 (Recurring)	
1	Lab consumables	1,500,000.00
2	Softwares	500,000.00
3	Internet services	500,000.00
4	Maintenance of equipment	500,000.00
5	Enrichment of teachers	1,500,000.00
6	Other activities (skill/sports coaching)	1,500,000.00
	Total	6,000,000.00
	Grand Total (A + B)	15,000,000.00

6. Specific Outcome:

- Laboratories of Botany, Biotechnology, Chemistry, Geography, Geology, Environmental Science, Physics, and Zoology are upgraded with new instruments such as UV-Vis Spectrophotometer Labtronics, Dissecting/ Simple Microscope, Digital pH Meter, Portable pH Meter, Autoclave vertical 90 litres, Mono Quartz Distillation Unit, Spinot Magnetic stirrer hot plate, SPINOT Digital Magnetic Stirrer Hot plate, Audio Noise Measurement LCD Digital Sound Level Db Meter Logger Tester, Audio Noise Measurement, Garmin GPS ETREX 10, Vernier Calliper, A testing sieve set for Soil Analysis, Mechanical Sieve Shaker Radius of gyration: 12.5mm; Vibration of Frequency: 147times/min, Rain Gauge, Soil Hydrometer, Solar Intensity Meter, Digital Clinometer, Field Camera, Schmidt Hammer, Agate Mortar, Theodolite, Dumpy Level, Prismatic Compass, Plane Table, Mirror Steoroscope, Indian Clinometer with Tripod, Measuring Tape (60 Meter), Cathode Ray Oscilloscope, Michelson Interferometer, Ultrasonic Interferometer, Two Stage RC Coupled Amplifier, Gauss Meter, Viscosity Apparatus: Capillary Tube Method, Sonometer, Jollys Apparatus, Motic Ecoline Monocular Microscope, Motic Monocular Microscope, Dissecting microscope, Digital Photoelectric Colorimeter, Digital Photoelectric Colorimeter, Digital pH Meter with Electrode (LCD), Cyclomixer, Vortex Shaker, Spinot magnetic stirrer hotplate, Digital Photoelectric Colorimeter, Digital Photoelectric Colorimeter, Haemacytometer (with pipette set in plastic case), Haemometer.
- 10 PC (in addition to existing 10 PC) with accessory sound system are procured. Language learning software SANAKO Study Software from OMNI Tech is made available for the PCs. Supporting furniture – chairs and tables were provided.
- 2 PCs with complete accessories and printers are provided for library automation. Table and desks accompanied. Software SOUL2.0 from INFLIBNET is used. Additional internet connection using Ubiquity Powerbeam installed.
- LCD projectors are provided in all 20+ classrooms. Wireless projectors are installed in 4 classrooms. Two lab-cum lecture rooms are provided with SONY smart TV. Supporting laptops are provided to all 21 departments.
- 58 laptops are divided to bioinformatics classroom, internet resource centre and physical laboratory.
- Internet service was upgraded using Ubiquity wireless connection. Routers were linked to all departments, library and establishment building.
- Seminar hall is made IT-enhanced environment with dual projection system with Epson wireless ELPAP10 wireless. Complete sound system, mixer, speakers, with wireless connection are provided. 5 big classrooms are supported with stand-alone UPS system.

8. A large collection of books has been purchased for the library. Journal subscribed are:
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|---|------------|
| 1. <i>Science</i> | US |
| 2. <i>Nature</i> | UK |
| 3. <i>National Geographic</i> | US/India |
| 4. <i>Nat Geo Traveller</i> (combo of 2) | US/India |
| 5. <i>Scientific American</i> | US |
| 6. <i>Arthshastra (Journal of Economics)</i> | India |
| 7. <i>Indian Journal of Finance</i> | India |
| 8. <i>Prabandhan: Indian Journal of Management</i> | India |
| 9. <i>Indian Journal of Computer Science</i> | India |
| 10. <i>Indian Journal of Research in Capital Market</i> | India |
| 11. <i>Indian Journal of Marketing</i> | India |
| 12. <i>New Scientist</i> | US |
| 13. <i>Scientific American</i> | US |
| 14. <i>Journal of Astrophysics and Astronomy</i> | IAS, India |
| 15. <i>Journal of Biosciences</i> | IAS, India |
| 16. <i>Proceedings (Mathematical Sciences)</i> | IAS, India |
| 17. <i>Journal of Genetics</i> | IAS, India |
| 18. <i>Bulletin of Materials Science</i> | IAS, India |
| 19. <i>Journal of Earth System Science</i> | IAS, India |
| 20. <i>Sadhana (Engineering Sciences)</i> | IAS, India |
| 21. <i>Journal of Chemical Sciences</i> | IAS, India |
| 22. <i>Pramana - Journal of Physics</i> | IAS, India |
| 23. <i>Resonance - Journal of Science Education</i> | IAS, India |
9. Computer course has been organised by Commerce Department under the Tally Academy (Kolkata). Tally ERP 9 multiuser Software and necessary PCs have been provided for 15 students in a batch. Books and manuals are also procured. A separate lab is created on commerce building.
10. Coaching for Civil Services have been conducted in January-March cycle for graduate and graduating students for their preparation in competitive examinations for civil services. Generalised subjects such as aptitude test, mathematics, current affairs, history, politics, and personal development are offered.
11. Remedial classes are conducted for students of commerce, English and History of Science. These general subjects in three separate disciplines the common subjects for commerce, humanities and science students.
12. Library Week organised by PUC Library was held on 5-8 March 2018. National publishers and international sellers were invited. National writers were given a platform for student's interaction (Meet the Author programme). Books from the sellers and authors were purchased under CPE scheme.
13. Orientation courses are conducted during summer vacation (i.e. 3rd week of June). As either chemistry or statistics/mathematics is the common subjects, parallel classes were run for these subjects and were made compulsory for all science students.
14. Finishing school was organised for graduating students during May-June 2018. The programme included career guidance, IT development, administrative skills, entrepreneurship, physical education, self-defence, medical knowledge, and life skill.
15. Coaching for cultural studies and performing arts were conducted by Mizo Department as add-on course for cultural development. Traditional items, clothing, books, dancing gears, and musical instruments were provided.

7. Difficulties encountered in implementation, if any: NIL

CERTIFICATE

This is to certify that the data/ information presented in this Annual Progress Report are true and correct to the best of my knowledge and belief and the required documents will be provided to the UGC, as and when the same are called for.



DR TAWNENGA

Place: Aizawl

Date: 19 March 2019

UNIVERSITY GRANTS COMMISSION
College with Potential for Excellence (CPE) scheme

UTILISATION CERTIFICATE


It is certified that the total grant of **Rs. 15,000,000/-** (Rupees one crore fifty lakhs only) approved by the UGC vide letter **F.No. 10-90/2016 (NS/PE)** dated **22/07/2016** to **Pachhunga University College** has been utilized by the college as per details given in the attached statement in accordance with the terms and conditions laid down by the UGC vide its letter No F.12-1/2010/2015(NS/PE) dated 27/05/2016 and that all the terms and conditions have been fulfilled by the college and the grant has been utilized for the purpose for which it was sanctioned.

Utilisation summary:

	Non-recurring (35)	Recurring (31)	Total (Rs)
Actual sanctioned on F.No. 10-90/2016 (NS/PE) of 21/02/2017	9,000,000.00	1,200,000.00	10,200,000.00
Committed amount (to be reimbursed)	0.00	4,800,000.00	4,800,000.00
Total	9,000,000.00	6,000,000.00	15,000,000.00

It is further certified that the inventories of permanent and semi-permanent assets created/acquired wholly or mainly out of the grants given by the UGC as indicated in the enclosed statement are being maintained in the prescribed form and are being kept up-to-date and these assets have not been disposed off, encumbered or utilized for any other purpose.

If as a result of check or audit objection, some irregularity is noticed at a later stage, the college will refund the objected amount.


DR TAWNENGA
Principal
Pachhunga University College
Aizawl, Mizoram

