



MIZORAM UNIVERSITY
MIZORAM: AIZAWL- 796 004
School of Life Sciences

Dr. S. K. MEHTA
Professor & Dean

Post Box No. 190
Phone: 9436353046
Email: skmehta@mzu.edu.in

MINUTES OF THE 25th SCHOOL BOARD MEETING IN LIFE SCIENCES HELD ON
4th NOVEMBER, 2020 AT 11:30A.M THROUGH ONLINE MODE

Following members have attended :

1. Prof. S.K. Mehta, Chairman, Dean, School of Life Sciences, MZU
2. Prof. Balasubramanian Senthilkumaran, Animal Biology, Univ. of Hyderabad
3. Dr. R. Lalfakzuala, Head, Dept of Botany, MZU
4. Dr. H.T. Lalremsanga, Head, Dept of Zoology, MZU
5. Dr. Th. Robert Singh, Head, Dept of Biotechnology, MZU
6. Prof. F. Lalnunmawia, Dept of Botany, MZU
7. Prof. G.S Solanki, Dept of Zoology, MZU
8. Prof. G. Gurusubramanian, Dept of Zoology, MZU
9. Prof. N. Senthil Kumar, Dept of Biotechnology, MZU
10. Dr. Y.T. Singh, Dept of Botany, MZU
11. Dr. K.S. Devi, Dept of Botany, MZU
12. Dr. Vikas Kumar Roy, Dept. of Zoology, MZU
13. Dr. Amit Kumar Trivedi, Dept of Zoology, MZU
14. Dr. S. Thangminlal Vaiphei, Dept of Biotechnology, MZU
15. Dr. Esther Lalnunmawii, Dept of Biotechnology, MZU
16. Prof. S.K Tripathi, Dept of Forestry, MZU
17. Prof. Diwakar Tiwari, Dept of Chemistry, MZU
18. Dr. N.P. Maity, Dept of ECE, MZU
19. Prof. A. Muthulakshmi, Dept of Public Administration, MZU
20. Prof. N. Rokendro Singh, Dept of Commerce, MZU
21. Prof. S.K Sharma, Dept of Hindi, MZU
22. Dr. Vanlalhruii Ralte, Dept of Botany, PUC
23. Dr. Prashant Kumar Singh, Dept of Biotechnology, PUC
24. Dr. Fanai Lalsangluaii, Dept of Biochemistry, GZRSC
25. Mrs. Lalsangkimi Hmar, Dept of Home Science, GZRSC
26. Dr. Lalmangaihualii Ralte, Dept of Botany, Govt. Serchhip College

The Chairman of the School Board welcomes all the members and put the agenda before the Committee and each agenda is discussed by the members thoroughly.

The agenda items submitted by the 3 (three) departments viz. Zoology, Botany and Biotechnology were discussed and resolved as follows :

No. 1 : Minutes of the 23rd School Board meeting is approved by the House.

No. 2 : 5 nos of Panel of Ph.D Examiners are approved by the Board

<i>Sl. No.</i>	<i>Department</i>	<i>Name of Scholars</i>	<i>Title of Research</i>	<i>Registration No.</i>	<i>Name of Supervisor/ Jt. Supervisor</i>
1	Zoology	Annie Lalrawngbawli	Role of visfatin in reproductive organs of female mice	MZU/Ph.D/1010 of 26.05.2017	Dr. Vikas Kumar Roy, Dept. of Zoology, MZU
2	Botany	Zoliansanga	Phytochemical Diversity and Antibacterial Activity of Selected Medicinal Plants Used by Khasi Tribe in Meghalaya	MZU/Ph.D/1032 of 26.05.2017	Dr. R. Lalfakzuala, Dept. of Botany, MZU
3	Botany	Laldinfeli Ralte	DNA barcoding of ethno-medicinal species of Solanaceae in Mizoram	MZU/Ph.D/1026 of 26/05/2017	Dr. Yengkhom Tunginba Singh, Dept of Botany, MZU
4	Biotechnology	Payel Chakraborty	Identification of Recurrent Genomic Alterations in Gastric Adenocarcinoma in Mizo population	MZU/ Ph.D/ 1045 of 26.05.2017	Prof. N. Senthil Kumar, Department of Biotechnology, MZU
5	Biotechnology	Litika Vermani	Studies on germline mutations, cancer stem cell and epithelial mesenchymal transition markers in the aetiology of colorectal cancer	MZU/ Ph.D/ 1118 of 03.05.2018	Prof. N. Senthil Kumar, Department of Biotechnology, MZU

No. 3 : 6 nos. of M.Phil Panel of Examiners are approved by the Board.

<i>Sl. No.</i>	<i>Department</i>	<i>Name of Scholars</i>	<i>Title of Research</i>	<i>Registration No.</i>	<i>Name of Supervisor/ Jt. Supervisor</i>
1	Zoology	Abinash Giri	Population and genetic diversity in banana pseudostem weevil, <i>Odoiporus longicollis</i> Oliver (Coleoptera: Curculionidae) inferred from RAPD fingerprints	MZU/M.Phil/590 of 12.06.2020	Prof. G. Gurusubramanian

2	Zoology	Pori Buragohain	Influence of geography and host plant usage on genetic differentiation in <i>Odoiporus longicollis</i> OLIVER (Coleoptera: Curculionidae) inferred from nuclear and mitochondrial markers	MZU/M.Phil/591 of 12.06.2020	Prof. G. Gurusubramanian
3	Zoology	Vanlalrempuia	Changes in the testicular activity in males of a Pteropodidae bat, <i>Rousettus leschenaultia</i>	MZU/M.Phil/592 of 12.06.2020	Dr. Vikas Kumar Roy
4	Biotechnology	Maisnam Akbar Singh	<i>In vitro</i> somatic embryogenesis of <i>Musa acuminata</i> (AAA) cv. Vaibalhla	AC:38:3(11):IV:6	Dr. Th. Robert Singh, Department of Biotechnology, MZU
5	Biotechnology	Puja Pandey	Tuibur stress-induced antioxidant enzyme and mutation profiling in Bacteria	AC:38:3(11):IV:4	Prof. N. Senthil Kumar, Department of Biotechnology, MZU
6	Biotechnology	Michael Vanlalchhuana	Differential Gene Expression and pathway analysis using RNA-Seq in Human Cytomegalovirus mediated oncogenesis	AC:38:3(11):IV:5	Prof. N. Senthil Kumar, Department of Biotechnology, MZU

No. 4 : Change of title in 2 nos. of M.Phil Dissertation is approved by the Board

Sl. No.	Department	Name of Scholars	Original Title of Research	Change of title	Name of Supervisor/ Jt.Supervisor
1	Zoology	Abinash Giri MZU/M.Phil/590 of 12.06.2020	Population and genetic diversity in banana pseudostem weevil, <i>Odoiporus longicollis</i> Oliver (Coleoptera: Curculionidae) inferred from RAPD fingerprints	Population and genetic diversity in banana pseudostem weevil and leaf and fruit scarring beetle, inferred from RAPD fingerprints	Prof. G. Gurusubramanian
2	Zoology	Pori Buragohain MZU/M.Phil/591 of 12.06.2020	Influence of geography and host plant usage on genetic differentiation in <i>Odoiporus longicollis</i> OLIVER (Coleoptera: Curculionidae) inferred from RAPD markers	Influence of geography and host plant usage on genetic differentiation in banana pseudostem weevil and leaf and fruit scarring beetle inferred from RAPD markers	Prof. G. Gurusubramanian

No. 5 : 5 nos. of Extension of M.Phil Registration is approved by the Board

Sl. No.	Department	Name of Scholars	Title of Research	Registration No.	Name of Supervisor/ Jt.Supervisor
1.	Zoology	Abinash Giri	Population and genetic diversity in banana pseudostem weevil, <i>Odoiporus longicollis</i> Oliver (Coleoptera: Curculionidae) inferred from RAPD fingerprints	MZU/M.Phil/590 of 12.06.2020	Prof. G. Gurusubramanian
2.	Zoology	Pori Buragohain	Influence of geography and host plant usage on genetic differentiation in <i>Odoiporus longicollis</i> OLIVER (Coleoptera: Curculionidae) inferred from nuclear and mitochondrial markers	MZU/M.Phil/591 of 12.06.2020	Prof. G. Gurusubramanian
3	Biotechnology	Maisnam Akbar Singh	<i>In vitro</i> somatic embryogenesis of <i>Musa acuminata</i> (AAA) cv. Vaibalhla.	AC:38:3(11):IV:6	Dr. Th. Robert Singh, Department of Biotechnology, MZU
4	Biotechnology	Puja Pandey	Tuibur stress-induced antioxidant enzyme and mutation profiling in Bacteria. Approved in the 38th Meeting of Academic Council, MZU held on 23rd June 2020	AC:38:3(11):IV:4	Prof. N. Senthil Kumar
5	Biotechnology	Michael Vanlalchhuana	Differential Gene Expression and pathway analysis using RNA-Seq in Human Cytomegalovirus mediated oncogenesis.	AC:38:3(11):IV:5	Prof. N. Senthil Kumar, Department of Biotechnology, MZU

No. 6 : 1 no. of Extension of Ph.D Registration is approved by the Board

Sl. No.	Department	Name of Scholars	Title of Research	Registration No.	Name of Supervisor/ Jt.Supervisor
1.	Biotechnology	Subhajit Mukherjee	Prevalence of <i>Helicobacter pylori</i> genotypes and their association with Interleukin-1- Beta in patients with gastritis from Aizawl, Mizoram	MZU/Ph.D./751 of 22.05.2015	Prof. N. Senthil Kumar, Department of Biotechnology, MZU

No. 7 : M.Voc programme in Zoology sanctioned under UGC – NSQF program (Applied and Economic Zoology with Entrepreneurship) is discussed thoroughly and is approved by the Board.

No. 8 : 2 nos. of Ph.D Synopsis is approved by the Board

<i>Sl. No.</i>	<i>Department</i>	<i>Name of Scholars</i>	<i>Title of Research</i>	<i>Name of Supervisor/ Jt.Supervisor</i>
1	Biotechnology	Ranjan Jyoti Sarma	Genetic Variants in Pharmacogenes in North-East Indian population and their association with Adverse Drug Reaction in Gastric Cancer	Prof. N. Senthil Kumar, Department of Biotechnology, MZU
2	Biotechnology	Andrew Vanlallawma	Whole Genome Analysis and its putative Clinical Impact Associated with Breast Cancer in Mizo Population	Prof. N. Senthil Kumar, Department of Biotechnology, MZU

No. 9 : Cancellation of M.Phil registration as mentioned below has been approved by the Board

<i>Sl. No.</i>	<i>Department</i>	<i>Name of Scholars</i>	<i>Title of Research</i>	<i>Registration No.</i>	<i>Name of Supervisor/ Jt.Supervisor</i>
1.	Biotechnology	Dorothy Lalrinpuui	Metagenomic study of endophytic bacteria in cavendish banana (<i>Musa acuminata</i> cv. Vaibalhla)	MZU/M.Phil/449 of 03.05.2018	Dr. Th. Robert Singh, Department of Biotechnology, MZU

No. 10 : Cancellation of Ph.D registration as mentioned below has been approved by the Board

<i>Sl. No.</i>	<i>Department</i>	<i>Name of Scholars</i>	<i>Title of Research</i>	<i>Registration No.</i>	<i>Name of Supervisor/ Jt.Supervisor</i>
1.	Biotechnology	Diana Rajkumari	Evaluation of genetic diversity of the rare and endangered <i>Dendrobium</i> spp. (Orchidaceae) in northeast India	MZU/Ph.D/708 of 22.05.2015	Dr. Th. Robert Singh, Department of Biotechnology, MZU

No. 11 : Revision of M.Sc (Botany) syllabus is put before the Board and is approved after thoroughly discussed

No. 12 : Value added/skill development add-on courses in M.Sc (Biotechnology) has been discussed and is approved by the Board.

- i) BIOTECH/1&3/NASDF-01: Plant Tissue Culture Techniques
- ii) BIOTECH/2&4/NASDF-02: Microbial Analysis and Food Safety

No. 13 : Ph.D supervisorship/co-supervisorship is approved as follows

Sl. No.	Name of student	Topic	Co-Supervisor	Supervisor
1	RUTH ZOMUANSANGI (M.Phil) Reg. No. Nil	Effects of diesel exhaust particles on bacteria biofilms formation in vitro and evaluation of anti-biofilm/ antimicrobial potential of selected plant extracts	Dr. MUKESH KUMAR YADAV , Asst. Prof., Department of Biotechnology	Dr. H. LALHRUAITLUANGA Assist. Prof. Dept. of Biotechnology , MZU
2	Yogesh Malvi (Ph.D) Name of University Unknown Reg. No. Nil	Molecular Characterization of Multidrug Resistance Bacteria (MDR) in Mizo Population	Dr. MUKESH KUMAR YADAV , Assist. Prof., Department of Biotechnology	Dr. Esther Lalnunmawii Asst. Prof. Dept. of Biotechnology , MZU
3	William Carrie (M.Phil) MZU Reg. No. Nil	Evaluation Of Antifungal Potential Of <i>Solanum lycopersicum</i> Endophytic Bacteria For Biocontrol Of Plant Pathogenic Fungi	Dr. ZOTHANPUIA , Assistant Professor, PUC	Dr. Esther Lalnunmawii Asst. Prof. Dept. of Biotechnology , MZU
4	Lalrinkimi (Ph.D) MZU Reg. No. Nil	Antimicrobial Potential of Endophytic Actinobacteria associated with Traditional Medicinal Plants against Clinical MDR Pathogens	Dr. ZOTHANPUIA , Assistant Professor, PUC	Dr. Esther Lalnunmawii Asst. Prof. Dept. of Biotechnology , MZU

No. 14 : Notification has been received from PUC regarding eligible Ph.D. supervisors in Department of Life Science, PUC. It is neither approved nor rejected and is forwarded to Academic Council.



www.pucollege.edu.in

DEPARTMENT OF LIFE SCIENCES
PACHHUNGA UNIVERSITY COLLEGE
MIZORAM UNIVERSITY
AIZAWL 796001 MIZORAM, INDIA

UGC College with Potential for Excellence
NAAC A* (CGPA of 3.51)



lifesciences@pucollege.edu.in

No. PUC/LifeSci/2019-20/15

3 October 2020

NOTIFICATION ON PhD SUPERVISORS

Following evaluation of applications received, these teachers are found eligible for Ph.D. supervision in the Department of Life Sciences:

Sl No	Name	Designation	No of UGC-approved publications	No of major research project during last 3 years
1.	K. Lalchhandama	Associate Professor	30	3
2.	H. Lalthanzara	Associate Professor	25	1
3.	Lalramliana	Associate Professor	41	5
4.	Vanramliana	Assistant Professor	12	3

Their application will be forwarded to the university authority for official approval.

Selection and admission of Ph.D. applicants will be based on these teachers.

K. Lalchhandama
Head

Meeting ended with thanks from the Chairman and Dean, School of Life Sciences.

(S.K. MEHTA)

Chairman