

Name of the School : **School of Life Sciences**

1. Name of the Dean : Prof. D.N.Tiwari

2. Particulars :

- i) Office Phone : 0389-2330514
 ii) Residence Phone No : 0389-2330731
 iii) Mobile Phone No : 9862367256
 iv) Fax No : 0389-2330834
 v) E-mail ID of the Dean : dnt_44@yahoo.com, dnt44ster@gmail.com

3. 1. Number of School Board Meetings held during 2008-09 (Local / Full Board)

- i) Local School Board Meeting on 26.5.08
 ii) Local School Board Meeting on 28.11.2008

4. Names of External Members in the School Board

Names	University / Institute
1. Prof.B.S.Srivastava	Emeritus Scientist, Div. of Microbiology, CDRI, Lucknow
2. Prof.R.Sharma	Dept. f Biochemistry, NEHU, Shillong
3. Prof.G.D.Sharma	Dept. of Botany, Assam University, Silchar
4. Prof. P.S.Yadava	Dept. of Botany, Manipur University, Imphal
5. Prof.S.B.Prasad	Deptt. Of Zoology, NEHU, Shillong

5. Brief Introduction

The School of Life Sciences was established in 2006 with creation of three academic departments i.e. Botany, Zoology and Biotechnology. Semester-based PG teaching in Botany and Zoology was started from August 2006 but in Biotechnology from August 2007. Subsequently the faculty members in each department have started supervising research students registered for Ph.D. degree. Each department also organized study tour for P.G. students and collected some plants/animals for laboratory/practical work.

6. Staff Position (Deans' Office) in 2008-2009

Sl. No	Designation	SC		ST		OBC		Gen		Others	
		M	F	M	F	M	F	M	F	M	F
1	Shri C. Lalbiakhluna, Peon			1							
	Total			1							

- 1 (a) Name of the School : School of Life Sciences
 (b) Name of the Department : **Botany**
 (c) Year of Establishment : 2005
- 2 (a) Name of the Head of Department : Dr. S. K. Mehta
 (b) Date of Joining as Head : 20.11.2006
 (c) Phone No. (Department/Office) : 2330733; 2330857
 (Residence) 2310830
 (Mobile) 9436353046
 (email ID) skmehta@mzu.edu.in

3. Brief Introduction

The Department is currently offering M.Sc. and Ph.D. degree in Botany. Department is covered under FIST programme of DST, New Delhi, and during last one year several equipments, e.g. research microscope with fluorescence, gas chromatograph, flame photometer, automated water analyzer, ultrasonicator, vacuum oven, etc, have been procured with financial assistance from DST and other funding agencies. New transgenic glass house (100 sq. m. area) and net house are under construction. Six students are registered in the Department for their doctoral research on various subjects. Two externally funded research projects focusing on development of algal biodiesel and cyanobacterial biodiversity are running by faculty members of the Department. The main thrust areas of research in the Department are algal physiology and biochemistry, oxidative stress adaptations in algae, proteomics of cyanobacteria, microbial biodiversity and forest ecology.

4. Position of Teaching Faculty

Sl. No	Name	Designation	Degree & University / Institute from which Awarded	Subject Specialisation	Email ID
1	S. K. Mehta	Reader & HOD	Ph.D. B.H.U.	Algal Biochemistry & Physiology,	skmehta@mzu.edu.in
2	R. C. Laha	Reader	Ph.D., MZU	Forest Management	Rc_laha@yahoo.com
3	R. Lalfakzuala	Lecturer	Ph.D., NEHU	Microbiology /Ecology	Lalfaka@yahoo.com
4	J. Biaknunga	Lecturer	M.Sc. NEHU	Forest Ecology	jbzote@gmail.com
5	A. K. Srivastava	Lecturer	Ph.D., B.H.U.	Cyanobacteria, Proteomics	aksrivastava@mzu.edu.in

5. Student Intake : 20

8. Student Particulars

Sl. No	Course	SC		ST		GENERAL		OBC		TOTAL	
		M	F	M	F	M	F	M	F	M	F
1	2 nd Semester	-	-	2	5	-	-	-	-	2	5
2	4 th Semester	-	-	4	2	-	-	-	-	4	2

9. Details of Students Registered for Ph.D. Programme

Names of the Scholars	Registration Number	Title of Ph.D Dissertation	Name of Supervisor
1. Joelle L. Pudaite	MZU/Ph.D/22 7 of 28.11.08	Isolation and characterization of freshwater microalgae for lipid profile and storage capacity.	Dr. S. K. Mehta
2. Mrs. Lalrinkimi	MZU/Ph.D/22 1 of 28.11.08	Isolation and screening of oleaginous filamentous algae as the potential renewable source for biodiesel.	Dr. S. K. Mehta
3. Zonuntluangi Boitlung	MZU/Ph.D/23 5 of 28.11.08	An assessment of the growth and development potential of selected Bamboo species in the sub-tropical hill forest of Mizoram.	Dr. R. C. Laha
4. C. Lalbiakfawni	MZU/Ph.D/22 6 of 28.11.08	Growth performance and ecological status of the selected Rattan species of Mizoram.	Dr. R. C. Laha
5. Lalmangaihzuai Ralte	MZU/Ph.D/22 5 of 28.11.08	A study on the diversity and sustainable use of non-wood forest product plants in Serchhip District of Mizoram.	Dr. R. C. Laha
6. Yenkhom Mrinamal Devi	MZU/Ph.D/18 0 of 26.5.08	Oxidative damage and antioxidant mechanisms of <i>Nostoc muscorum</i> in response to copper (Cu ²⁺) stress.	Dr. S. K. Mehta
7. Malsawmtluangi	MZU/Ph.D/18 1 of 26.5.08	Diversity and dyanamics of algal assemblages in some selected rivers of Mizoram, India	Dr. S. K. Mehta

1. **Name of the School** : **School of Life Sciences**
2. (a) Name of the Department : **Biotechnology**
 (b) Year of Establishment : 2007
 (c) Year of First Intake of Students : August, 2007
 (d) Name of the School : School of Life Sciences
3. (a) Name of the Head of Department : Dr. N. Senthil Kumar
 (b) Phone No. Department/Office : 2330859 / 2330861
 Mobile : 9436352574
 email ID : hod.biotech@mzu.edu.in

4. **Brief Introduction**

The department of Biotechnology was established in 2007. Currently, the department has five faculty members specializing in plant, insect and microbial biotechnology. The department has the objective of developing and becoming a full fledged teaching and research centre, which can excel in the field of biotechnology to cater the needs and challenges of the region and the country as a whole. Currently, the department has 24 Master students and 5 Ph.D students. The Department has received infrastructure support through DST-FIST and UGC-Non SAP and also research projects from various funding agencies such as DBT, CSIR, DST, UGC and Mizoram Government.

5. **Position of Teaching Faculty**

Sl. No	Name	Designation	Degree & University / Institute from which Awarded	Subject Specialisation	Email ID
1	D. N. Tiwari (On Contract)	Professor	M.Sc., Ph.D (BHU)	Algal Biotechnology	dnt44ster@gmail.com
2	N.Senthil Kumar	Reader and Head	M.Sc., Ph.D (Bharatiar University) PDF (Sun Yat-Sen Univ., China)	Molecular Entomology	nskmzu@gmail.com
3	Th.Robert Singh	Lecturer	M.Sc, AMU., Ph.D., Manipur Univ. PDF, DBT, GOI	Plant Biotechnology	robertthangjam@gmail.com
4	J.Bhattacharya	Lecturer	M.Sc, RaniDurgabati Univ. , Ph.D- NEHU	Microbiology	jyotirmoyb@rediffmail.com
5	Bhim Pratap Singh	Lecturer	M.Sc, Bundelkhand University	Molecular Biology/ Microbiology	bhimpratap@gmail.com

6. **Student Intake** : **20**

10. Details of Students registered for ph.D Programme during 2008-09

Names of the Scholars	Registration Number	Title of Ph.D Dissertation	Name of Supervisor
1. Zothansanga	MZU/Ph.D/222 of 28.11.2008	Isolation and Identification of <i>Cry</i> protein producing species of <i>Bacillus</i> and characterization of their insecticidal properties.	Dr. N. Senthil Kumar
2. Rita Zomuanpuii	MZU/Ph.D/223 of 28.11.2008	Evaluation of Insecticidal susceptibility and molecular characterization of <i>Anopheles</i> species of Mizoram using RAPD-PCR	Dr. N. Senthil Kumar
3. P.C.Lalrinfela	MZU/Ph.D/229 of 28.11.2008	Survey and characterization of Wild and Cultivated banana Genetic resources of Mizoram.	Dr. Th.Robert Singh
4. Lalremsiami HrahseI	MZU/Ph.D/250 of 28.11.2008	<i>In vitro</i> Mass propagation and <i>Agrobacterium</i> mediated genetic transformation of Banana plants native to Mizoram.	Dr. Th.Robert Singh
5. Moirangthem Lakshmi pyari Devi	MZU/Ph.D/253 of 28.11.2008	Studies on the Iron Superoxide dismutase from a diazotrophic Cyanobacterium <i>Nostoc punctiforme</i> ATCC 29133: Gene cloning, heterologous overexpression, biochemical and functional characterization	Dr. J.Bhattacharya

11. Details of Research Scholars who are receiving Fellowships / Financial Support

Sl.No	Names	M.Phil/Ph.D	Name of the Fellowship (Please consult Notes below)
1	Zothansanga	Ph.D	UGC Major Project
2	Rita Zomuanpuii	Ph.D	UGC Meritorious Fellowship
3	P.C.Lalrinfela	Ph.D	DBT Major Project
4	Lalremsiami HrahseI	Ph.D	DBT Major Project
5	Moirangthem Lakshmi pyari Devi	Ph.D	UGC Meritorious Fellowship

14. Any Other Information/Highlights/Activities relating to the Department during 2008-2009

Dr. N. Senthil Kumar was awarded the *Fellow of Royal Entomological Society* (FRES), London, UK during December 2008.

Dr. N. Senthil Kumar delivered a lecture on “From Sequence to Database Analysis and Database to Sequence Analysis” on 26 February 2009 at Bioinformatics centre, Central Agricultural University, Aizawl.

Dr. Th. Robert Singh was awarded *Best Paper Writer* in the National Conference on Natural Resources Management organized by the School of Earth Sciences & Natural Resources management, Mizoram University, Aizawl during March 24-25, 2009.

The M.sc II & IV Semester students went on an Educational trip to Champhai, Mizoram from 27th Feb.-3rd March, '09 for Sample collection and Field studies under the guidance of Prof D.N.Tiwari, Dean, SLS and Dr. B.P.Singh, Lecturer.

7. Courses Conducted

First Semester	Course Title
ZOOL - T - 101	Biology of invertebrates
ZOOL - T - 102	Cell biology and genetics
ZOOL - T - 103	Molecular biology
ZOOL - T - 104	Biological chemistry
ZOOL - P - 105	(Based on ZOOL - T – 101 & 102)
ZOOL - P - 106	(Based on ZOOL - T – 103 & 104)
Second Semester	
ZOOL - T - 201	Biostatistics, biotechniques and bioinformatics
ZOOL - T - 202	Animal physiology
ZOOL - T - 203	Endocrinology
ZOOL - T - 204	Ecology and environmental biology
ZOOL - P - 205	(Based on ZOOL - T – 201 & 202)
ZOOL - P - 206	(Based on ZOOL - T – 203 & 204)
Third Semester	
ZOOL - T - 301	Biology of chordates
ZOOL - T - 302	Animal behaviour
ZOOL - T - 303	Biosystematics and evolution
ZOOL - T - 304	Entomology and parasitology
ZOOL - P - 305	Practical (Based on ZOOL - T – 301 & 302)
ZOOL - P - 306	Practical (Based on ZOOL - T – 303 & 304)
Fourth Semester	
ZOOL - T - 401	Developmental biology and immunology
ZOOL - T - 402	Aquatic biology and fish biology
ZOOL - T - 403	Special paper – A cell and molecular biology
ZOOL - T - 404	Special paper – B cell and molecular biology
ZOOL - P - 405	PRACTICAL (Based on ZOOL - T – 401 & 402)
ZOOL - P - 406	PRACTICAL (Based on ZOOL - T – 403 & 404)

8. Allied and Cognate Subjects related to the Department.

Allied Subjects	Cognate Subjects
Biotechnology Botany Chemistry	FEBES Geology HAMP

9. Student Particulars

Sl. No	Course	SC		ST		GENERAL		OBC		TOTAL	
		M	F	M	F	M	F	M	F	M	F
1	2 nd Semester	-	-	7	6	1	-	-	-	7	6
2	4 th Semester	-	-	3	2	-	1	-	-	3	3
3	Ph.D	-	-	1	-	-	1	-	-	1	1

Name of the School : **School of Physical Sciences**

1. Name of the Dean : Prof. R. P. Tiwari

2. Particulars:

- i) Office Phone : 0389-2330108
 ii) Residence Phone No : 0389 - 2325652
 iii) Mobile Phone No : 9436152815
 iv) Fax No : 0389-2330834
 v) E-mail ID of the Dean : rptiwari84@rediffmail.com

3. External Members in the School Board

Names	University / Institute
1. Prof. S. P. Mishra	B/31-40-BK, Bhogabir, Varanasi-221 005
2. Prof. R. A. Lal	Deptt. of Chemistry, NEHU, Shillong – 793 022.
3. Prof. H. K. Mukerjee	Deptt. of Mathematics, NEHU, Shillong – 793 022.
4. Prof. M. K. Kadalbajoo	Deptt. of Mathematics & Statistics, IIT, Kanpur.
5. Prof. Shekhar Dutta Chowdhury	Deptt. of Physics, Jadavpur University, Kolkata.

4. Brief Introduction about the School

The School of Physical Sciences was established in 2006. Presently, there are three academic departments in this school. These are Department of Physics (established in 2003), Department of Chemistry (established in 2005) and Department of Mathematics & Computer Science (established in 2007). All the Departments are offering PG and Ph. D. courses. All departments in this school have designed the syllabi at par with UGC model syllabi and are endeavoring to introduce CBCS.

5. Staff Position at Deans' Office in 2008-2009

Sl. No	Designation	SC		ST		OBC		Gen		Others	
		M	F	M	F	M	F	M	F	M	F
1	H. T. Lalnuntluanga Peon	-	-	1	-	-	-	-	-	-	-
	Total:	-	-	1	-	-	-	-	-	-	-

1. **Name of the School** : **School of Physical Sciences**
2. (a) Name of the Department : **Physics Department**
 (b) Year of Establishment : 2003
 (c) Year of First Intake of Students : 2003
3. (a) Name of the Head of Department : Dr. R.K.Thapa
 (b) Phone No. Department/Office : 0389-2330435/2330522
 Residence : 0389 - 2328044
 Mobile : 09436140523
 email ID : rktt@sancharnet.in / r.k.thapa@gmail.com
 Department Fax No. : 0389 - 2330435

4. **Brief Introduction**

The Department began in the year 2003 with a four semester MSc program. From the year 2007 the department has its permanent faculty, with approved sanctioned strength of six. The Department also academically supports the B.Tech (Information Technology) program of the University. The Department also provides active training for Ph.D. program in the fields of Theoretical and Experimental Condensed Matter Physics. The research activities of the Department are funded by DST through FIST. Some of the faculty members have individual projects funded by agencies like DST, DAE, NRB etc, adding to the research profile of the department.

5. **Position of Teaching Faculty**

Sl. No	Name	Designation	Degree & University / Institute from which Awarded	Subject Specialisation	e-mail
1	R.K.Thapa	Reader & HOD	Ph.D. NBU	Theoretical Condensed Matter	rktt@sancharnet.in r.k.thapa@gmail.com
2	R.C. Tiwari	Reader	Ph.D. Avadh Univ.	Electroluminescence Studies	ramesh_mzu@rediffmail.com
3	V.Madhurima	Reader	Ph.D. I.I.T., Madras	Experimental Condensed Matter & Microwave	mdhurima.v@gmail.com
4	Zaithanzauva Pachuau	Lecturer (Sl.Grade)	Ph.D. N.E.H.U.	Condensed Matter Physics	zc21@yahoo.com
5	Hranghmingthanga	Lecturer	Ph.D. N.E.H.U.	Molecular Raman Spectroscopy	hthanga@rediffmail.com

6. **Present Student Intake Capacity** - 20

9. Allied and Cognate Subjects related to the Department

Allied Subjects	Cognate Subjects
Geology Mathematics Chemistry Computer Science & Information Technology	History

10. Student Particulars

Course	SC		ST		GEN		OBC		TOTAL	
	M	F	M	F	M	F	M	F	M	F
2 nd Semester	1	-	2	-	6	-	1	-	10	-
4 th Semester	-	-	4	1	1	-	-	-	5	1
Ph.D	-	-	-	7	-	-	-	-	-	7

11. Details of Students Registered for Ph.D. Programme

Names of the Scholars	Registration Number	Title of Ph.D Dissertation	Name of Supervisor
Aldrin Malsawmtluanga	MZU/Ph.D/179 Dt.13.6.2008	A Study of Photocurrent and Band Structure from Semi-Conducting Materials.	Dr.Zaithanzauva Pachuau
Lalnunpuia	MZU/Ph.D/189 Dt.13.6.2008	A Study of Relativistic Effects in Photoemission and Band Structure Calculation in the magnetic Solids.	Dr. Zaithanzauva Pachuau
Sandeep	MZU/Ph.D/245 Dt.14.11.2008	A Study of Rare Earth Elements with emphasis on magnetism and electronic band structures.	Dr. R.K. Thapa

12. Details of Seminars / Conferences / Workshops / Symposium attended by Teaching Faculty**Dr. R.K. Thapa**

“Calculations of dielectric functions and energy gap in case of yttrium nitrate”, M.P. Ghimire and R.K. Thapa, National Conference on *Energy trends and advances in Electrical Engineering and Renewable Energy*, 22-24 December, 2008, Sikkim Manipal Institute of Technology.

Visiting Fellow at I.C.T.P. Centre, Physics Department, Isfahan University of Technology, Isfahan, Iran (December 2008-January 2009)

Dr. R.C. Tiwari

Delivered talk on “Evolution of Communication Systems” as Resource Person for Science Workshop organized by Jagdish Bose National Science Talent Search, Kolkata (**JBNSTS**) entitled “*Evolution of Physics: Classical to Modern*”, held at the District Conference Hall of the Directorate of School Education Building, Govt. of Mizoram, Aizawl during September 9-12, 2008.

13. Major/Minor Research Projects at the Department

Name of Principal Investigator	Year/Date of Sanction	Title of the Project	Funding / Sponsoring Agency
Dr. R.K.Thapa	27.01.2009	“Study of Photofield Emission by using the Full Potential Linear Augmented Plane Wave Method (FP – LAPW) and Band Structure Calculations”	Department of Atomic Energy (BRNS), Govt. of India, Mumbai.
Dr. V.Madhurima	01.05.2009.	“Study of importance of hydrogen bonding in MEMS and bio devices through spectroscopy and computational methods”	Department of Science and Technology, India

14. Any Other Information/Highlights/Activities relating to the Department during 2008-2009

The students of the Department had Study Tour during January 9 – 29, 2009 with Dr. Zaithanzauva Pachuau as Escort Teacher.

7. Courses Conducted

First Semester	Course Title	Course Credit	Course In-charge
MCH-411	Analytical Chemistry-I	3	Dr. Diwakar Tiwari
MCH-412	Inorganic Chemistry-I	3	Dr. Muthukumaran R
MCH-413	Organic Chemistry-I	3	Dr. Zodinpuia Pachuau
MCH-414	Physical Chemistry-I	3	Dr. Raj Kumar Mishra
MCH-415	Chemical Binding	4	Dr. N.Mohondas Singh
MCH-416	Laboratory work-I(organic) & B	6	Dr. Zodinpuia Pachuau & Dr. N. Mohondas Singh
Second Semester			
MCH-421	Analytical Chemistry-II	3	Dr. Muthukumaran R
MCH-422	Inorganic Chemistry-II	3	Dr. N.Mohondas Singh
MCH-423	Organic Chemistry-II	3	Dr. Zodinpuia Pachuau
MCH-424	Physical Chemistry-II	3	Dr. Raj Kumar Mishra
MCH-425	Molecular Spectroscopy	3	Dr. Muthukumaran R
MCH-426	Radiochemistry	2	Dr. Diwakar Tiwari
MCH-427	Laboratory Work-II (inorganic) A & B	6	Dr. N. Mohondas Singh & Dr. Zodinpuia Pachuau
Third Semester			
MCH-531	Solid State Chemistry	3	Dr. Raj Kumar Mishra
MCH-532	Biological Chemistry	3	Dr. Muthukumaran R.
MCH-533 (Special) Major Elective-I	Bio Inorganic Chemistry Reaction Mechanism & Stereochemistry Chem. Kinetics	3 3 3	Dr. Muthukumaran R. & Dr. Zodinpuia Pachuau Dr. Raj Kumar Mishra
MCH-534 (Special) Major Elective -II	Structural Methods in Inorganic Chemistry Natural Products Nuclear Chemistry	3 3 3	Dr. N. Mohondas Singh Dr. Zodinpuia Pachuau Dr. Diwakar Tiwari
MCH-631	Material Chemistry	2	Dr. Raj Kumar Mishra
MCH-634	Medicinal Chemistry	2	Dr. Muthukumaran R.
MCH-635	Organic Photochemistry	2	Dr. Zodinpuia Pachuau
MCH-535	Laboratory Work -III (Physical) A & B	6	Dr. Diwakar Tiwari & Dr. Raj Kumar Mishra
Fourth Semester			
MCH-541	Environmental Chemistry	3	Dr. Diwakar Tiwari
MCH-542	Computer Applications in Chemistry(including practicals)	4	Dr. Raj Kumar Mishra Dr. Zodinpuia Pachuau
MCH-543 (Major Elective-I)	Inorganic Rings, Chains and Clusters Reagents and Organic Synthesis Photochemistry	3 3 3	Dr. N. Mohondas Singh Dr. Zodinpuia Pachuau Dr. Diwakar Tiwari
MCH-544 (Maj.Elective-II)	Special Topics in Inorganic Chemistry Heterocycles & Vitamins Physical Methods in Chemistry	3 3 3	Dr. Muthukumaran R. Dr. Zodinpuia Pachuau Dr. Raj Kumar Mishra
MCH-643 (Min.Elective-III)	Chemical Applications of Group Theory	2	Dr. N. Mohondas Singh
MCH-645 (Min.Elective-IV)	Radiation Chemistry	2	Dr. Diwakar Tiwari
MCH-646 (Min.Elective-IV)	Quantum Chemistry	2	Dr. Raj Kumar Mishra
MCH-546	Lab.Work-IV (Nuclear & Radiochem.)	3	Dr. Diwakar Tiwari Dr. Muthukumaran R.
MCH-546	Project Work in Chemistry (Specialization Wise)	3	Dr. Muthukumaran R. Dr. Diwakar Tiwari Dr. Zodinpuia Pachuau Dr. N. Mohondas Singh

12. Details of Seminars / Conferences / Workshops / Symposium attended by Teaching Faculty.**Dr. Diwakar Tiwari**

“Ferrate(VI): A green chemical for the treatment of industrial wastewater contaminated with Cu(II)-EDTA”. Paper Presented in the National conference on the *Green Chemistry* held on 6-8 Feb., 2009 at Veer Narmad South Gujarat University, Surat.

“Ferrate(VI): A green chemical for the oxidation of cyanide and minultaneous removal of Cu(II) and Ni(II) in the mixed system of CN-Cu, CN-Ni and CN-Cu_Ni”. Invited Speaker in the 4th Internal Conference on *Marine Biotechnology and Advanced Materials*, held on June 12-13, 2008 at Kangnung National University, Kangnung, Korea

Dr. Zodinpuia Pachuau

96th Indian National Science Congress at NEHU, Shillong during 3rd-9th, 2009.

Dr. Raj Kumar Mishra

Paper presented entitled “Theoretical evaluation and computation of ordered parameters in binary disordered materials”. 2nd DAE-BRNS International Symposium on *Materials Chemistry* organized by Chemistry Division, BARC, Mumbai. December 2-6, 2008.

13. Major /Minor Research Projects at the Department

Name of Principal Investigator	Year /Date of sanction	Title of the Project	Funding / Sponsoring Agency
Dr. Raj Kumar Mishra	December 31, 2008	Computation of PhysicoChemical properties of partially disordered system through proposed model.	Deptt. Of Science & Technology, Govt. of India, New Delhi,

14. Any Other Information/Highlights/Activities

Dr. Diwakar Tiwari was Visiting Professor to the department of Environmental Engineering, Kwandong University, Kangnung, Korea during the period December 02, 2008 to February 26, 2009.

8. Courses Conducted

First Semester	Course Title	Course Credit	Course In-charge
	Linear Algebra	4	Dr. J.P.Singh
	Real Analysis	4	Shri Laltanpuia
	Ordinary Differential Equations	4	Shri K.B.Mangang
	Discrete Mathematics	4	Shri K.B.Mangang
	Computer Programming and Data Structure	6	Shri Pradipto Das
Second Semester	Course Title	Course Credit	Course In-charge
	Modern Algebra	4	Dr. J.P.Singh
	General Topology	4	Shri K.B.Mangang
	Complex Analysis	4	Shri Laltanpuia
	Partial Differential Equations	4	Shri K.B.Mangang
	Numerical Analysis and FORTRAN Programming	6	Dr. J.P.Singh & Dr. Jamal Hussain
Third Semester	Course Title	Course Credit	Course In-charge
	Mechanics	4	Shri K.B.Mangang
	Artificial Intelligence	4	Shri Pradipto Das
	Functional Analysis	4	Shri Laltanpuia
	Mathematical Methods	4	Dr. J.P.Singh
	Formal Languages and Automata theory	3	Dr. Jamal Hussain
	Elective IA (Numerical Solution to Differential Equations-I)	4	Dr. Jamal Hussain
Fourth Semester	Course Title	Course Credit	Course In-charge
	Optimization Techniques	4	Shri K.B.Mangang
	Differential Geometry	4	Dr. J.P.Singh
	Introduction to Algorithm Project	3	Samuel Ray Hauzel
	Elective IB (Numerical Solution to Differential Equations-II)	3	Dr. Jamal Hussain
		4	
	Elective II (Advanced Functional Analysis)	4	Shri Laltanpuia

9. Allied and Cognate Subjects related to the Department.

Allied Subjects	Cognate Subjects
Physics Chemistry Information Technology	Economics Biotechnology Environmental Science

10. Student Particulars

Sl.No	Course	SC		ST		GEN		OBC		TOTAL	
		M	F	M	F	M	F	M	F	M	F
1	2 nd Semester	-	-	5	2	-	-	-	-	5	2
2	4 th Semester	-	-	4	3	-	-	-	-	4	3
3	Ph.D	-	-	1	2	1	-	-	-	2	2

Name of the School : **School of Engineering & Technology**

1. Name of the Dean : **Prof. R. P. Tiwari**

2. Particulars:

- i) Office Phone : 0389-2330108
 ii) Residence Phone No : 0389 - 2325652
 iii) Mobile Phone No : 9436152815
 iv) Fax No : 0389-2330834
 v) E-mail ID of the Dean : rptiwari84@rediffmail.com

3. External Members in the School Board

Sl. No.	Names	University / Institute
1	Prof. Anand Mohan	Department of Electronics Engineering, Institute of Technology, BHU, Varanasi
2	Prof. I. Sengupta	Deptt. of Information Technology, IIT, Kharagpur.
3	Prof. H. Hemachandran	Deptt. Of Computer Science, Assam University, Silchar, Assam
4	Prof. K. L. Chopra	M/70, Kirti Nagar, New Delhi.

4. Brief Introduction

The School was set up 2007. Presently, there are only two academic departments under this school, namely, Department of Information Technology in which teaching for B. Tech course commenced from August 2007, and Department of Electronics & Communication Engineering in which teaching commenced from August, 2008.

Two new departments namely Electrical Engineering and Computer Engineering have been approved by the UGC and will be set-up during the 11th Plan period. The School is in the process of setting-up a Central Engineering Workshop.

Admission for 50% of the available seats in B. Tech programmes from academic session 2009 will be through Central Counseling Board whereas remainder of the 50% seats will be filled by the Mizoram University Engineering Entrance Examination.

5. Particulars of Teachers availing UGC Unassigned Grant (Merged Scheme) in 2008-09:

Name of the Teachers	Departments	Particulars
N. P. Maity	Elec. & Comm. Eng.	Rs. 10750/- as a Registration fee for international Engineering Conference held during 18 th – 19 th December, 2009

6. Any other information pertaining to the school (for inclusion in the Annual Report 2008-09)

Mr. N. P. Maity of the Department of Elec. & Comm. Engg., has been awarded a research project from the DST on High – K dielectric materials for metal-oxide-semiconductor devices: simulation and characterization.

7. Courses Conducted

First Semester	Course Title	Course Credit
	AP:101-Physics-I	3
	AC:101-Chemistry-I	3
	AM:101-Mathematics-I	3
	IT:101-Computer Programming	3
	ME:101-Engineering Graphics	3
	HU:101-English communication Skills	2
	AP:191-Physics laboratory -I	2
	AC:191-Chemistry Laboratory-I	2
	WR:191-Workshop practice-I	2
Second Semester	Course Title	Course Credit
	AP:201-Physics-II	3
	AC:201-Chemistry-II	3
	AM:201-Mathematics-II	3
	EC:201- Basic Electronics	3
	EE:201- Basic Electrical Engineering	3
	ES:201- Environment & Ecology	2
	ME:201-Engineering Mechanics	2
	AP:291- Physics Laboratory-II	2
	AC:291-Chemistry Laboratory-II	2
	WR:291-Workshop practice-II	2
Third Semester	Course Title	Course Credit
	EC:301- Mathematics-III	4
	EC:301 -Digital Electr. & Logic Design	4
	EC:303- Computer Architecture & Org.	4
	IT:301 -Data Structure & OOPs	4
	EC:304- Electronics Devices & Circuits	4
	IT:391- Programming Laboratory	2
	EC:391- Electr. Devices & Circuits Lab.	2
Fourth Semester	Course Title	Course Credit
	EC:401- Numerical Analysis	4
	EC:402 Analog Circuits & Systems	4
	EC:403- Signals & System	4
	EC:403-Analog & Digital Communication	4
	EC:405-Optical Fiber Communication	4
	EC:491-Analog Circuits laboratory	2
	EC:492-Digital Design laboratory	2

10. Details of Seminars / Conferences / Workshops / Symposium attended by Teaching Faculty.

N. P. Maity

2nd International Engineering conference on *Sustainable Engineering Infrastructure development & Management*, 18-19 December, 2008 at Malaysia.

“Summer School on Physics of Semi- conductor nanostructures (Semi-nano-2008)”, 02-20 June, 2008 at Kolkata.

Reshmi Das

Summer School on Physics of Semi- conductor nanostructures (Semi-nano-2008), 02- 20 June, 2008 at Kolkata.

“17th National Symposium on ultrasonic’s”, 4-6 December at Varanasi.

7. Courses Conducted

First Semester	Course Title	Course Credit
AP-101	Physics-I	3
AC-101	Chemistry-I	3
AM-101	Mathematics-I	3
IT-101	Computer Programming	3
ME-101	Engineering Graphics	3
HU-101	English Communication Skills	2
AP-191	Physics Laboratory-I	2
AC-191	Chemistry Laboratory-I	2
WR-191	Workshop Practice -I	2
Second Semester		
AP-201	Physics-II	3
AC-201	Chemistry-II	3
AM-201	Mathematics-II	3
EC-201	Basic Electronics	3
EE-201	Basic Electrical Engineering	3
ES-201	Environment & Ecology	2
ME-201	Engineering Mechanics	2
AP-291	Physics Laboratory-II	2
AC-291	Chemistry Laboratory -II	2
WR-291	Workshop Practice -II	2
Third Semester		
AM-301	Mathematics-III	4
EC-302	Digital Electronics and Logic Design	4
IT-301	Computer Architecture & Organization	4
EC-304	Electronics Devices & Circuits	4
IT-301	Data Structures & Object-oriented Programming	4
IT-391	Programming Laboratory	2
EC-391	Electronics Devices & Circuits Laboratory	2
Fourth Semester		
AM-401	Mathematics-IV	3
IT-401	Operating Systems	4
IT-402	Algorithms Analysis & Design	3
IT-403	Computer Graphics	4
IT-404	Principles of Data Communication	4
BM-401	Management Concepts & Practices	4
EC-492	Digital Design Laboratory	2
Fifth Semester		
EC-501	Linear ICs & Applications	4
IT-501	Theory of Computation	4
EC-502	Microprocessors & Microcontrollers	4
IT-502	Database Management Systems Internet and Web Technologies	4
IT-503	DBMS Laboratory Microprocessor Laboratory	4
IT-591		2
EC-591		2

8. Allied and Cognate Subjects related to the Department

Allied Subjects	Cognate Subjects
Physics Chemistry Mathematics	Management FEBES English

9. Student Particulars

Sl. No	Course	SC		ST		GEN		OBC		TOTAL	
		M	F	M	F	M	F	M	F	M	F
1	2 nd Semester	1	-	-	-	7	5	-	-	8	5
2	4 th Semester	1	1	-	-	-	-	-	-	1	1

10. Details of Seminars / Conferences / Workshops / Symposium attended by Teaching Faculty.

R. Chawngsangpuui

Participated in National Seminar on *Changing Role of LIS Professionals in Digital Era* at Mizoram University, 29-30 September 2008, sponsored by Central Reference Library (Ministry of Culture), Kolkata.

Participated in National Seminar on *The Dynamics of Culture, Society and Identity : Emerging Literatures from NorthEast India* at Mizoram University, 12-13 March 2009, sponsored by IAS, Shimla.

Participated in National Conference on *Natural Resources Management* at Mizoram University, 24-25 March 2009, sponsored by NABARD, Deptt. Of Science and Technology, New Delhi and Deptt. Of Biotechnology, New Delhi.

Attended Advanced Training Programme on Human Rights, sponsored by National Human Rights Commission, New Delhi during the period 9-10 September 2008.

The figure was the highest ever recorded in the history of Mizoram University. The Returning Officer, Dr. Lalrintluanga, declared the persons elected. The particulars of both the Elected and the Nominated members of the **Mizoram University Students Union 2008-2009** are given below:

Sl. no.	Designation	Name	Department
1.	President	Lalnunpuia	IVth Sem, M.A (Pol. Sc.)
2.	Vice President	H. Lalremsiama	IIInd Sem, M.A (Hist& Ethno)
3.	General Secretary	Lalzarzova	IVth Sem, M.A (Eco.)
4.	Asst.Gen. Secretary	K.K Hauhna	IIInd Sem, M.A (Pol. Sc.)
5.	Treasurer	R.Zosangliani	IVth Sem, M.Sc (Maths & Comp Sc)
6.	Finance Secretary	Rohmingthanga	IIInd Sem, M.A (Mizo)
7.	Secretary i/c Games & Sports	Ricky Hmingthansanga	IVth Sem, M.A (Hist & Ethno)
8.	Asst. Secretary i/c Games & Sports	Lalchungnunga	IIInd Sem, M.Sc (Geog. TC & RM)
9.	Magazine Editor	David Malsawmdawngzuala	IVth Sem, M.Sc (Physics)
10.	Asst.Mag Editor	L. Lalrotluanga	IIInd Sem, M.A (English)
11.	Secretary i/c Social & Cultural Activities	Peter Lalhmunmawia	IVth Sem, M.A (Mizo)
12.	Asst. Secretary i/c Social & Cultural Activities	Laltanpuia Ralte	IIInd Sem, M.A (Mizo)

10. VARSITY WEEK

The Eight Varsity Week of MZU was inaugurated by Prof. Tlanglawma, Acting Vice-Chancellor, MZU, on the 16th March, 2009 at the Ramhlun Sports complex, and was closed with the benign presence of Mr. Robert Hrangdawla, Chief Information Commissioner, MSIC, at the Conference Hall, MZU campus. Games & Sports items were conducted in 4 different places, viz. Ramhlun Sport Complex, the Kulikawn Indoor Stadium, and the Zarkawt Basketball Court.

Competitions for Social & Cultural items were organized at the PUC (A Constituent College of MZU). Vanhnuailiana House (Yellow House), comprising the Departments of Commerce, Public Administration, Library & Information Science, Education, Chemistry and Horticulture & Medicinal plants, was declared the overall Champion.

11. MIZORAM UNIVERSITY FEST

Mizoram University Fest – *Inferno* was successfully organised on the evening of 28th March, 2009, at the Amphi Theatre of Mizoram University.

The Festival was oriented towards exploration of the hidden talents of University students in Music and cultural activities. Various Rock Bands, Artistes and Dancers from among the students and outside entertained the University fraternity.

12. GENERAL BODY MEETING

The 6th General Body meeting was held on the 25th April 2008 at the Conference Hall, MZU. Revisions and amendments to the Constitution of the MZUSU were made and certain Resolutions were passed for the welfare of the University fraternity.

5. Affiliated Colleges of the University

Sl. No.	Name of the College/Institution	Sl. No.	Name of the College/Institution
1.	Pachhunga University College	16.	Govt. Zirtiri Resi. Sc. College
2.	Govt. Lunglei College	17.	Govt. Khawzawl College
3.	Govt. Champhai College	18.	Govt. Zawlnuam College
4.	Govt. Serchhip College	19.	Govt. Aizawl North College
5.	Govt. Aizawl College	20.	Govt. Aizawl West College
6.	College of Teachers Education	21.	Govt. T.Romana College
7.	Govt. Saiha College	22.	Govt. J.Thankima College
8.	Govt. Kolasib College	23.	Kamalanagar College
9.	Govt. Hnahthial College	24.	Govt. Johnson College
10.	Govt. Hrangbana College	25.	RIPANS
11.	Govt. Lawngtlai College	26.	DOEACC
12.	Govt. Mamit College	27.	Mizoram College of Nursing
13.	Govt. J.Buana College	28.	HATIM
14.	Mizoram Law College		

6. Activities Undertaken By CDC Office during 2008 – 09

6.1. Granting of Affiliation to Colleges

The University Inspection Team constituted by the CDC office with due approval of the Vice-Chancellor has inspected the Govt. Aizawl College, Aizawl, Kamalanagar College, Chawngte, Govt. Kolasib College, Kolasib, Higher & Technical Institute of Mizoram (HATIM), Lunglei, Govt. Saiha College, Saiha. The Inspection Report has been approved by the Academic Council in its 12th meeting held on 20th June, 2008 and 13th Meeting held on 11th Dec8ember, 2008.

6.2 Permanent Affiliation to Colleges

The Inspection Teams constituted by the CDC office have inspected the Mamit College, Mamit for permanent Affiliation of five subjects and Mizoram Law College for permanent affiliation of the college. Their inspection Reports have been approved by the Academic Council in its 12th meeting held on 20th June, 2008 and 13th Meeting held on 11th December, 2008.

6.3 Granting of Affiliation to Professional Courses

The Academic Council in its 12th Meeting held on 28th June, 2008 granted Provisional Affiliation to M.Sc Nursing Course at RIPANS, Aizawl and MCA Course at DOEACC, Aizawl.

7. Submission of Proposals to UGC

The CDC office has forwarded the proposals of various affiliated colleges for financial assistance to UGC under the following scheme:

I. Various Activities on Conference

1. Meetings of University Court

i. 2nd Meeting of University Court was held on 26th November, 2008.

2. Meetings of Executive Council

i. 18th Meeting of the Executive Council was held on 18th February, 2008.

ii. 19th Meeting of the Executive Council was held on 27th June, 2008

iii. 20th Meeting of the Executive Council was held on 15th December, 2008.

iv. 21st Meeting of the Executive Council was held on 25th March, 2009.

3. Meetings of Academic Council

i. 12th Meeting of the Academic Council was held on 20th June, 2008.

ii. 13th Meeting of the Academic Council was held on 11th December, 2008.

4. Meetings of Deans' Committee

i. 36th Meeting of the Deans' Committee was held on 25th April, 2008.

ii. 37th Meeting of the Deans' Committee was held on 9th September, 2008.

iii. 38th Meeting of the Deans' Committee was held on 17th September, 2008.

5. Meetings of Affiliation Committee

i. 19th meeting of the Affiliation Committee held on 16th May, 2008.

6. Principals' Conference

i. 4th Principal's Conference held on 4th December, 2008

B. Courses conducted at Postgraduate Level

1. School of Economics, Management and Information Sciences (Economics, Lib. & Info. Science, Commerce, Management)

2. School of Earth Sciences & Natural Resources Management (Forestry, Environmental Science, Geography and Resource Management, Geology, Extension Education & Rural Development, Horticulture, Aromatic & Medicinal Plants)

3. School of Social Sciences (Public Administration, Political Science, Social Work, Psychology and History)

4. School of Education & Humanities (English, Education, Mizo)

5. School of Physical Sciences (Chemistry, Physics, Mathematics & Computer Sciences)

6. School of Life Sciences (Botany, Zoology and Biotechnology)

7. School of Engineering & Technology (Electronic and Communication Engg; and Information Technology)

iv. Details of Non Teaching Staff/ Permanent (2008-2009)

Sl/ No	Designation	SC		ST		OBC		Genl.	
		M	F	M	F	M	F	M	F
1.	Principal			1	-				
2.	Asst. Registrar			1	-				
3.	S.O's			1	-				
4.	Sr. PA			-	1				
5.	Asst. Librarian							1	-
6.	Assistant			-	1				
7.	UDC's			1	2				
8.	LDC's			2	5				
9.	Drivers			5	-				
10.	Despatch			1	-				
11.	Gestetner Oprtr.			1	-				
12.	Peon			6	1				
13.	Carpenter			1	-				
14.	Electrician			1	-				
15.	Mechanic			1	-				
16.	Safai Walla			2	1				
17.	Chowkidar			6	-				
18.	Conductor			2	-				
19.	Mali			9	1				
20.	Cook			9	2				
21.	Prof. Asst.			-	1				
22.	SPA			1	-				
23.	JLA			4	-				
24.	Lib. Attdt.			-	2				
25.	Lib. Cleaner			1	-				
26.	Jr. Lab. Asst.			6	1				
27.	Lab. Attdt.			12	1			1	-
28.	Lib. Attdt			1	-				
29.	Security Officer			1	-				

36.	Dr. Bobby Beingachhi	Geography	Lecturer	ST	Ph.D
37.	Ghanashyam Deka	Geography	Lecturer	SC	NET
38.	P. Gohain	Economics	Lecturer (SG)	Gen.	M.Phil
39.	Khawlozama	Economics	Lecturer (SG)	ST	-
40.	M.Z. Khiangte	Economics	Lecturer (SG)	ST	-
41.	Dr. K. Laldailova	Economics	Lecturer (SG)	ST	Ph.D
42.	Lalthlamuana Ralte	Economics	Lecturer	ST	NET
43.	Lallungmuana	Sociology	Lecturer (SG)	ST	-
44.	Dr. R. Lalthangliana	Sociology	Sr. Lecturer	ST	Ph.D
45.	Lalbiakzuali Colney	Sociology	Lecturer	ST	NET
46.	N. William Singh	Sociology	Lecturer	SC	M.Phil
47.	Lalsangkimi Sailo	Philosophy	Lecturer (SG)	ST	M. Phil
48.	Vanlaltanpuia	Philosophy	Lecturer	ST	NET
49.	Emily F. Lalnunpuii	Philosophy	Lecturer	ST	NET
50.	Dr. D.K. Barkakati	Physics	Lecturer (SG)	Genl.	Ph.D
51.	Dr. Shiv Raj. Gurung	Physics	Sr. Lecturer	OBC	Ph.D
52.	Lalhriatzuala	Physics	Lecturer	ST	NET
53.	Y. Rangeela Devi	Physics	Lecturer	SC	NET
54.	Lalrinthara Pachuau	Physics	Lecturer	ST	NET
55.	Dr. L. Robindro Singh	Physics	Lecturer	OBC	Ph.D
56.	Dr. Grace Shariah	Chemistry	Sr. Lecturer	Genl.	Ph.D
57.	Dr. Raghvendu Pathak	Chemistry	Lecturer	Genl.	Ph.D
58.	Thanhmingliana	Chemistry	Lecturer	ST	NET
59.	C. Lalhriatpuia	Chemistry	Lecturer	ST	NET
60.	Jay Prakash Rajan	Chemistry	Lecturer	SC	NET
61.	Dr. C. Lalrawna	Botany	Lecturer (SG)	ST	Ph.D
62.	Dr. Tawnenga	Botany	Reader	ST	Ph.D
63.	Dr. H.S. Thapa	Botany	Lecturer (SG)	OBC	Ph.D
64.	Dr. H. Lalruatsanga	Botany	Lecturer	ST	Ph.D
65.	Dr. Vanlalhruii Ralte	Botany	Lecturer	ST	Ph.D
66.	Dr. K. Lalchhandama	Zoology	Lecturer	ST	Ph.D
67.	Dr. H. Lalthanzara	Zoology	Lecturer	ST	Ph.D
68.	Dr. Lalramliana	Zoology	Lecturer	ST	Ph.D
69.	Vanramliana	Zoology	Lecturer	ST	NET
70.	Dr. K. Birla Singh	Zoology	Lecturer	SC	Ph.D
71.	Dr. Anupam Kumar	Statistics	Lecturer	Genl.	Ph.D

c) **DISTRIBUTION OF CHARITY FUND**

Keeping 'Service' as a part of the college motto, the college fraternity members donated a valuable amount of money for the Jubilee Charity Fund and these were donated to 10 Orphanage/ Rehabilitation Homes on the Closing function of the Jubilee.

- d) The college conducted a programme on Statistical Quality Control and Operation Research : 17th & 18 November 2008.
- e) 'Lecture on Job-Oriented in the Field of Handicraft' organised by Hnam Chhantu Pawl on August 22, 2008 at the College Campus.
- f) NCC Air Force Wing was inducted in the College in May, 2008.
- g) NCC Under Officer (U.O.) Miss Vanlalhratpui Sailo was selected for Youth Exchange Programme (YEP) held at Singapore in June, 2008.

12. **On going Research Project Undertaken**

S/No	Name of Principal Investigator	Topic	Funding Agency
1	Dr. Tawnenga Principal, PUC	Integrated farming system development and resource management for shifting cultivators in Mizoram.	DST
2	Dr. H.S. Thapa Dept. of Botany	Study of bamboo flowering rodent outbreaks and its effects on crop production in a few selected fields of Mizoram.	UGC (NERO)
3	Bikas Saha Dept. of Geology	Mid-Late Jurassic carbonate-siliclastic transition, Jaisalmer, Rajasthan: its implication	UGC (NERO)
4	Dr. S. Sarat Singh Dept. of Mathematics	Elastic properties and wave propagation	UGC (NERO)
5	Y. Rangeela Devi Dept. of Physics	Preparation, characterization and luminescence study on sulphate based bulk and nano-crystalline material doped with lanthanide ions	UGC (NERO)
6	Dr. K. Lalchhandama Dept. of Zoology	An evaluation of the indigenous anthelmintic phytomedicines used among the Mizo tribes of India	UGC (NERO)
7	Dr. H. Lalthanzara Dept. of Zoology	Studies on biodiversity of earthworms in Mizoram (with special emphasis to shifting agricultural fields in the hilly terrain)	UGC (NERO)
8	Dr. K. Birla Singh	Study of the long term excessive Zn supplementation on oxidative stress in wistar rats	UGC (NERO)

14. Seminar/Symposium Attended

S/No	Name of the Teacher	Seminar / Symposium Attended
1	Dr. Ragvindu Pathak Dept. of Chemistry	2-6.12.2008. BARC, Mumbai. Theoretical Evaluation & Computation of Ordered Parameter in Binary Disordered Materials: International Symposium on Material Chemistry
2	C. Lalhriatpuia Dept. of Chemistry	14&15.5.2009. Seminar on Intellectual Property.
3	Dr. R.K.P.G. Singha Dept. of Commerce	14&15.5.2009. Aizawl. Regional Seminar on "Intellectual Property and Innovation Management in Knowledge Era"
4	Vanlalhlana Dept. of Commerce	14&15.5.2009. Aizawl. Regional Seminar on "Intellectual Property and Innovation Management in Knowledge Era"
		12.3.2008. MZU. Seminar on Consumer Awareness and Consumer Protection Movement in Mizoram
5	Lalhunthara Dept. of Commerce	12.3.2009. MZU. Seminar on Consumer Awareness and Consumer Protection Movement in Mizoram
6	Dr. K. Laldailova Dept. of Economics	11&12.11.2008. MZU. International Seminar on "Engagement of Developed Countries in RTAs: an Assessment."
7	Laltlamuana Ralte Dept. of Economics	28&29.5.2009.MZU. International Seminar on "Exploring ASEAN Market for India's North East Products."
8	Lalrintluangi Dept. of Education	Higher Education in Mizoram
		Seminar & Workshop on Project Work
		Seminar on Human Right 22.3.2009 – I& PR Conference Hall
9	Lalhruaitluangi Dept. of Education	Seminar & workshop on Research methodology Statistical Methods and analyses 5-7. 3, 2008
		Seminar on Human Rights Regional 27. 3. 09- Aizawl
		Seminar on intellectual Project & Innovation Management in knowledge Era 14-15. 5.09- Aizawl
10	Lalchhuanmawii Dept. of Education	Seminar on intellectual Project & Innovation Management in knowledge Era 14-15. 5.09- Aizawl
11	Chhawnvunga Dept. of English	Regional Seminar on Rewriting oral Narrative of North East India, Aizawl 18-19, 2008
		National Seminar on the Dynamics of Culture Society & Identity, Emerging Literatures of North East India, Aizawl 10-11 March 2009
12	Rualzakhumi Dept. of English	Regional Seminar on Rewriting oral Narrative of North East India, Aizawl 18-19, 2008
		National Seminar on the Dynamics of Culture Society & Identity, Emerging Literatures of North East India, Aizawl 10-11 March 2009
13	Zothankimi Dept. of English	National Seminar on the Dynamics of Culture Society & Identity, Emerging Literatures of North East India, Aizawl 10-11 March 2009
14	Dr. Rahul Verma Dept. of Geology	2-7.6.2008. Kolasib. Regional Training Programme on GIS Applications for Effective Planning, Implementation and Monitoring NREGS.
		17&18.11.08. Pachhunga University College, Aizawl. Statistical Quality Control and Operation Research.
		9.1.2009. K.C.Das Commerce College, Guwahati National Seminar on "Biodiversity Conservation and Sustainable Economic Development in the North-Eastern Region of India: Integrating Natural and Social Sciences for Sustainability".
		14&15.5.2009. Aizawl. Regional Seminar on "Intellectual Property and Innovation Management in Knowledge Era"
15	Dr. J.V. Hluna Dept. of History	16-18.3.2008. Silchar, Assam. International Seminar on "Encounter & Intervention: History of Christian Missionary Endeavour in British N.E. India".
		13-15.10.2008. MZU. International Seminar on "Exploring the History, Culture and Identity of the Chins".
		6.10.2009. MAL, Aizawl. Quasquicentennial Seminar on Liangkhaia.

34	Dr. Saichampuii Sailo Dept. of Psychology	Workshop on Staistical Quality Control & Operation Research 17-18 Nov., 2008 Dept of Statistics , P.U.College
		Intellectual Property & Innovation Management in knowledge Era – 14-15 May 2009- Aizawl
35	Lalthantluangi Sailo Dept. of Psychology	Workshop on Staistical Quality Control & Operation Research 17-18 Nov., 2008 Dept of Statistics , P.U.College
		Intellectual Property & Innovation Management in knowledge Era – 14-15 May 2009- Aizawl
36	David Zothansanga Dept. of P.A	9&10.8.2008. MZU. Advanced Training Programme on Human Rights.
		14&15.5.2009. Aizawl. Regional Seminar on “Intellectual Property and Innovation Management in Knowledge Era”
		22.5.2009. Aizawl. Interactive Session o Rural Development Administration in Mizoram.
		12.3.2009. Aizawl. Seminar on Consumer Protection & Consumer Awareness in Mizoram.
		National Seminar on Reforms in Governance 10 sept. 2009
37	H.C. Lalchhuanawma Dept. of P.A	9&10.8.2008. MZU. Advanced Training Programme on Human Rights.
		14&15.5.2009. Aizawl. Regional Seminar on “Intellectual Property and Innovation Management in Knowledge Era”
		Interactive session on rural development 22/5/09 Aizawl.
38	Arvind Pandey Dept. of Statistics	Data mining and Its use ISI, Bangalore – 23-24 July 09
		Workshop on SQC & OR by ISI at Aizawl 17-18 Nov, 2009
39	Dr. Shashi Bhusan Dept. of Statistics	Brinaspati – inst. & effective use JJT Kanpur, 20-21 June 2009
		FIM XVIII (Int. Conference) JUIT, Shimla organized by FIM Society, USA, 3-5/7/2009
40	Dr. H. Lalthanzara Dept. of Zoology	30.5.08. Aizawl, Mizoram. State Level Symposium on Recent Advances in Science & Technology.
		3-7.1.2009. NEHU, Shillong. 96 th Indian Science Congress.
41	Dr. Lalramliana Dept. of Zoology	3-5.11.08. NEHU, Shillong. 20 th National Congress of Parasitology
		31.3-1.4.08. Aizawl, Mizoram. Human Security in N.E. India.
42	Dr. K. Birla Singh Dept. of Zoology	17&18.11.08. Pachhunga University College, Aizawl. Statistical Quality Control and Operation Research.
		6-10.10.08. NERIST, Arunachal Pradesh. Recent Advances in Microbial Biotechnology and Molecular Biology.
43	Lallungmuana Dept. of Sociology	INTACH Seminar, IP&R, Aizawl
		Vision 2020 Seminar, IP&R, Aizawl
		6.10.2009. MAL, Aizawl. Quasquicentennial Seminar on Liangkhaia.
		Bio diversity Seminar: Tiger conservation in Mizoram (E&F Dept.) 9.6.2008
44	N. William Singh Dept. of Sociology	Seminar on impact of cable TV Network 30.9.2009
		ICAS-6 Aug 2009 – South Korea
45	Dr. R. Lalthangliana Dept. of Sociology	Inter Seminar or Gandhi – N. Delhi, Sept. 2007
		North Eastern Education Minister Conference, Shillong, Aug. 2008
		United Kingdom Telecommunication Academic Conference, Worwright University, London July 2008

8. Under-Graduate Departments (Pachhunga Univ. College)

Sl. No.	Name of Post	Department	No. of posts advertised	No. of applications received	No. of persons called for interview	No. of appointments made
1.	Lecturer	Commerce	1(UR)	21	Recruitment is due	
		English	1(SC)	1 SC+8ST		
		Psychology	1(SC)	1 SC+5 ST		
		Statistics	1(SC)	Nil		
Total			4	36		

9. Details of Teaching posts advertised in the period 2008-2009

Post-Graduate Departments:

Sl. No.	Name of Post	Department	No. of posts advertised	No. of applications received	No. of persons called for interview	No. of appointments made
1.	Professor	Public Admn.	1(UR)	2	Recruitment is due	
		Psychology	1(UR)	2		
		Chemistry	1(UR)	2		
		Maths. & Com. Sc.	1(SC)	1		
		Information Tech.	1(UR)	Nil		
2.	Reader	Geology	1(UR)	8	Recruitment is due	
		Public Admn.	2 (1 UR + 1 SC)	2 UR+0 SC		
		Elect. & Comm. Engg.	1(UR)	5		
3.	Lecturer	Forestry	1(UR)	51	Recruitment is due	
		Geography & RM	1(UR)	28		
		Public Admn.	1(UR)	24		
		Physics	1(UR)	20		
		Planning & Arch.	1(UR)	2		
Total			14	147		

6. Receipts and Payments of Fund for the period 2008-09**Receipts – Plan**

(a) General Development Grant	-	Rs. 3,857.13 lacs
(b) Land Compensation	-	Rs. 965.00 lacs
(c) Fellowship	-	Rs. 87.00 lacs
(d) Grant for Science Deptt. (Non SAP)	-	Rs. 70.00 lacs
Total	-	Rs. 5,979.13 lacs

Receipts – Non Plan

(a) Salary (including arrears)	-	Rs. 2,393.85 lacs
(b) on Salary	-	Rs. 796.40 lacs
(c) Pension	-	Rs. 104.83 lacs
(d) One time grant	-	Rs. 57.00 lacs
Total	-	Rs. 3,352.08 lacs

Expenditure – Plan

(a) Buildings	-	Rs. 2,011.51 lacs
(b) Land Compensation	-	Rs. 1,965.00 lacs
(c) Campus Development	-	Rs. 133.18 lacs
(d) Equipment	-	Rs. 53.91 lacs
(e) Automation	-	Rs. 4.82 lacs
(f) Merged Schemes	-	Rs. 27.85 lacs
(g) Campus Networking	-	Rs. 23.08 lacs
(h) Fencing of the Campus	-	Rs. 4.30 lacs
(i) Books	-	Rs. 7.65 lacs
(j) Grant for Science deptt.(Non SAP)	-	Rs. 35.00 lacs
Total	-	Rs. 4,266.30 lacs

Expenditure – Non Plan

(a) Salary	-	Rs. 2,173.28 lacs
(b) Non Salary	-	Rs. 796.37 lacs
(c) Pension	-	Rs. 51.46 lacs
(d) One time grant	-	Rs. 57.00 lacs
Total	-	Rs. 3,078.11 lacs

4. P.G. Results declared during 2007 – 2008 :

Department	Appeared		I Div.	II Div.	Simple Pass	Total Pass	Pass%
	Male	Female					
I. School of Humanities & Education							
English	04	17	x	18	01	19	90.48
Mizo	12	09	x	18	x	18	85.71
Education	05	11	04	08	x	12	75.00
Total	21	37	04	44	01	49	84.48
II. School of Economics, Management & Information Sciences							
Economics	21	06	05	13	01	19	70.37
Commerce	03	16	11	04	01	16	84.21
Library (MLib.Sc.)	04	09	08	05	x	13	100.00
Total	28	31	24	25	02	48	81.36
III. School of Social Sciences							
Political Science	11	10	06	14	x	20	95.24
Public Administration	17	06	12	03	18	78.26	
History & Ethnography	16	10	x	12	05	17	65.38
Psychology	02	07	02	07	x	09	100.00
Social work	06	09	08	05	x	13	86.67
Total	52	42	19	50	08	77	81.92
IV. School of Forestry & Earth Sciences							
Forestry	02	04	06	x	x	06	100.00
Forest Eco.& Bio-Diversity							
2004 Batch	11	08	13	05	x	18	94.73
2005 Batch	03	05	07	01	x	08	100.00
Geology	03	02	05	x	x	05	100.00
Geography	11	08	13	05	x	18	94.73
Total	30	27	44	11	x	55	96.49
V. School of Physical Science							
Physics	07	03	04	02	x	06	60.00
Total	07	03	04	02	x	06	60.00

Name of the Department	:	Central Library
Post Box	:	190
Pin	:	796009
Ph	:	(0389) 2330640 / 2330677 (EPABX)

1. Name of Officer-in-Charge/Head of the Department : Shri. L. Nampui, IRS (Retd)

2. Brief Introduction

Mizoram University, Central Library has been growing at a fast pace in terms of holdings, users/readers and application of technology. Vertical and horizontal expansion of Central Library Building is being undertaken.

The collection by March, 2009, included **63,538** number of books, **240** Thesis / Dissertations and **6,781** number of Bound Volumes of Journals.

The Library at present subscribes to **294** Journals, **54** General periodicals and **21** dailies (English:**9**, Mizo:**12**). The total Library membership is **1,080** i.e. **744** PG Students, **14** M.Phil, **139** Ph.D., **139** Teachers and **44** Non-teaching staff. During this year, **19,270** books were borrowed by the users and had **26,801** visitors.

Library had launched Library Automation project in December, 2006 to convert entire library holdings into machine readable catalogue. The database creation work of holdings and verification of entered data had been completed in February, 2009.

Computerized Bibliographic information of Library holdings are made available for user's searching throughout Campus Network (Intranet) using Web OPAC.

Bibliographic records of Books, Theses/ Dissertations and Serials had been sent to INFLIBNET Centre for contribution to National Bibliographic Database created and maintained at INFLIBNET Centre.

Computerized automated circulation system using barcode technology was started from 1st December, 2008 for easy and fast circulation of library holdings for all the users registered in the Library. Library has been providing *lending* and *reprographic services*, *Orientation Programme* for newly admitted students of various Academic Departments.

The Central library has received 30 and 21 books as gift from American Center, Kolkata and Government of India respectively.

3. Staff Position (Designation wise)

Sl No	Designation	No. of incumbent				Out of total Teaching / Non-Teaching							
		Male		Female		SC		ST		Genl.		OBC	
		Reg	Con	Reg	Con	Reg	Con	Reg	Con	Reg	Con	Reg	Con
1.	Asst. Librarian			2				2					
2.	Infor. Scientist	1						1					
3.	Prof. Assistant	2						2					
4.	Semi-Prof. Assistant		1	2	1			2	2				
5.	Jr. Library Assistant	1		2				3					
6.	Library Attendant	2	1	1	2			3	3				
7.	Gate Keeper	2						2					
8.	Peon	1						1					
	TOTAL	9	2	7	3			16	5				

Name of the Department : **Health Centre**

1. Brief Introduction and activities of the Deptt

The Health Centre under Mizoram University is located both at Chanmari and Tanhril Campus with a Medical Officer at both centres. The Medical Officer at Chanmari Health Centre also makes regular visits (once a week) to Pachhunga University College. The Centre provides basic facility for curative and preventive measures plus plays an important part in educating and monitoring the health status of the students, Staffs and their dependants. A full-fledged Laboratory for blood, urine and stool examination is not yet in existence but certain investigative procedures like examination of blood sugar, malarial parasites etc are available. We are hoping for a proper functioning laboratory and increase in the man-power so as to provide better health facilities in the near future.

2. Name of Medical Officer : Dr. Pauline Lallianzuali Vanchhawng, Tanhril Health Centre
Dr. R.K. Vanlalmangaihi (Contract), Chanmari Health Centre

3. No. of Staff (Designation wise)

Sl. No.	Designation	No. of incumbent				Out of total Teaching/Non-Teaching							
		Male		Female		SC		ST		Genl.		OBC	
		Reg.	Con.	Reg.	Con.	Reg.	Con.	Reg.	Con.	Reg.	Con.	Reg.	Con.
1	Medical Officer			1	1			1	1				
2	Staff Nurse			1				1					
3	Tech. Asst(Bsc Nursing)			1				1					
4	Pharmacist	1						1					
5	Dresser	1						1					
6	UDC			1				1					
7	Peon	1						1					
8	Driver	1						1					
9	Total	4		4	1			8	1				

4. Consultation hours:

Monday to Friday : - 9am to 5pm at Tanhril Campus
Monday to Thursday : - 2pm to 5pm at Chanmari Campus
Friday : - 2pm to 5pm at Pachhunga University College.

5. Number of patients 2008-2009 -

Tanhril H.C.: - Staffs & dependants - 1376
Students - 295
No. of injections given - 29
No. of investigations - 180
No. of dressings - 55
Chanmari H.C: - Staffs & dependants - 664
Students - 213
No. of injections given - 21
No. of investigations - 49
No. of dressing - 14
Pachhunga University College - 200 approx

Name of the Department : Sports Department

Mizoram University Sports Department is headed by Assistant Director of Sports with one each of regular/muster roll/contract Coach, one Section Officer, one LDC and one Peon. MZU Sports Board consisting of 15 members which was constituted under the chairmanship of the Registrar was dissolved in October, 2008. However, Sports Department carried out the Sports programmes both within and outside the state. The Department plays an important role in taking initiative for the development of sports activities within the state, and participation outside the state.

Inside Activities

1. 7th Mizoram University Sports Meet, 2008

2008 MZU Sports Meet was organized by Sports Department without official Opening Function due to time limitations in organisation. The 7th Mizoram University Sports was held during 27th – 31st October, 2008 at Aizawl in the following 9 different disciplines.

- | | |
|------------------------|---------------------------|
| i. Football (M) | vi. Chess (Open) |
| ii. Volleyball (M&W) | vii. Boxing (M) |
| iii. Badminton (M&W) | viii. Judo (M&W) |
| iv. Table Tennis (M&W) | viii. Weightlifting (M&W) |
| v. Basketball (M) | |

Altogether, 13 (thirteen) affiliated colleges participated in the Sports Meet. It was unfortunate for most of the outstation Colleges who could not participate in the Sports Meet for want of time. The over-all Championship was won by Govt. Hrangbana College, Aizawl. The top 3 Colleges of the Sports Meet are :-

	Gold	Silver	Bronze
i. Govt. Hrangbana College	18	8	10
ii. Pachhunga University College	9	9	10
iii. Govt. Aizawl College	9	8	8

Prof. A.N.Rai, Vice Chancellor of Mizoram University was the Chief Guest and he gave away prizes on the closing function. Mrs. A.N.Rai also gave away prizes to the Champion team of East Zone Inter-University Football (M) tournament.

Outside Activities

After careful selection of potential players in certain disciplines, Mizoram University participated in the following disciplines :-

1. East Zone Inter-University Football (M) Tournament.

The champion of this tournament represents the East Zone in the All India Inter-University Football (M) Tournament during the same academic year. MZU participated in the East Zone Inter-University Football (M) Tournament which was organized by Tripura University, Agartala, from 19th – 27th October, 2008. The MZU team won the championship and their performance / match record was as shown below :

Group League Matches :	MZU	beat	L.N.Mithila Univ.	W/O
	MZU	beat	Jadavpur Univ	2 - 0
	MZU	beat	Kalyani Univ	4 - 0
	MZU	beat	NEHU	2 - 1

Name of the Department : Engineering

Brief Introduction :

The Engineering cell was primarily created to look after the maintenance of existing buildings and to coordinate the construction works and campus development of Mizoram University at Tanhril, Aizawl. It formally come into existence on 27th August 2002. The Cell Comprises of Project Engineer ,Assistant Engineer(2nos) and Junior Engineer at present.

A. Works Completed

1. C/o SCHOOL OF SOCIAL SCIENCES at MZU Campus :-

The works was executed under CPWD as deposit work. The building was completed and occupied by the departments of Public Administration, Social Work, Political Science, Psychology, History, Library & Information Science.

2. C/o LIFE SCIENCE Building at PUC Campus:

The works was carried through enlisted contractor of MZU. The works is completed and already occupied by the concerned Department

3. C/o MINI STADIUM Seating's at PUC Campus :

The works is completed.

4. POWER & ELECTRICITY Supply :

- 1) Power & Electricity Supply : 11KV over head lines within the University Campus Phase-I completed.
- 2) Installation of 3 New Transformer, 2nos of 250KVA and 500KVA completed and energized.
- 3) Generators : At present the MZU has 2nos of 100KVA D.G Set is in working condition and 2 new transformer also arrived and expected to energized within a short time.

5. 100KVA D.G Set for PUC : Completed.

6. MINOR WORKS :

Panel Room – 2nos

- a) Panel Room near Guest House
- b) Panel Room near Multipurpose Hall.

B. Ongoing Works

7. C/o MULTIPURPOSE HALL(1500 capacity) at MZU Campus

The works has been started through MZU Enlisted Contractors Shri R.Sangkhuma and expected date of completion is September 2009.

8. C/o 4 No's OF 100 SEATED HOSTEL at MZU Campus

Due to lack of Engineering Cell Staff three number of Hostel has been awarded to NBCC Ltd, The remaining One Hostel has been tender through Engineering Cell. The works is start on August 2008 and is expected to be completed in Nov.2009

17. C/o PHASE-2 ROAD (5 Km)

The construction of this Road was started and awarded to NBCC Ltd. The length of this road is 5 Km, and expected to be completed with in 2009. This road is started for utilization and development of the Phase -2 area and for the Expansion of the University Campus.

18. C/o WATER HARVESTING SYSTEM CUM LINK ROAD (DAM-2)

C/o DAM -2 near computer centre is started and expected to complete with in April 2009. The link road via Dam-2 for connecting Segment -2 (SES&NRM road)and Segment -3 (Central Library road) will be started after completion of DAM-2

19. POWER AND ELECTRICAL SUPPLY :

- i) Installation of 2 Nos. of 125KVA DG Set near School of Social Sciences and School of Earth Sciences & NRM is completed and expected to be charge by September 2009.
- ii) Installation of 2 nos. of 250KVA Transformer near Guest House and Multipurpose hall is completed and expected to be incharge within September 2009.

WORKS TO BE TAKEN UP DURING XI PLAN:-

- 1) C/O 1000 Capacity Auditorium
- 2) C/o School of Engineering and Technology
- 3) C/o Housing for Teacher
- 4) C/o KVS School
- 5) C/o PUC Library
- 6) C/o Boys & Girls Hostel for School of Engineering and Technology.
- 7) C/o Sport Complex
- 8) Automatic Voltage Regulator for the whole campus is expected to set up with in 2009.

SC/ST CELL

1. Mr. Benjamina, IDAS ... Chief-Liaison Officer (inclusive PWD & OBC)
Registrar, Mizoram University
2. Ms. Lalthanchami Sailo ... Liaison Officer (inclusive PWD & OBC)
Deputy Registrar (Adm-I)
Mizoram University

Mizoram is a state dominated by tribal people. The objectives of the University is to educate and train manpower in the development of the state of Mizoram; and to pay special attention to the improvement of the social and economic conditions and welfare of the people of the state; their intellectual, academic and cultural development.

The various activities taken up by the University relating to the welfare and socio-economic development of SCs/STs are as highlighted below:-

- (i) The University conducts UGC sponsored regular coaching classes for SC/ST students.
- (ii) From time to time, refresher courses are conducted for teachers, predominantly belonging to ST community.
- (iii) Training courses for non-teaching staff (predominantly ST) are conducted to enhance their performance.
- (iv) Students are encouraged and given opportunity to participate at various inter-University academic, cultural and sports activities.
- (v) The University undertakes various projects that are relevant to socio-economic development of the state.

Reservation in Admissions:

The University currently follows reservation as per Government of India Policy in admissions for bringing the performance of SC/ST students to a higher level.

Reservation in Jobs:

Reservation for various categories of jobs is being followed by the University as required by the Government of India. For all Teaching posts and Group 'A' Non-Teaching posts, the University implements the required reservation policy of 15% for SC and 7.5% for ST. However, for Group 'B', Group 'C' and Group 'D' posts, reservation on regional basis of 45% for ST and 5% for SC is being followed.

For monitoring the implementation of Reservation policy as well as for general upliftment of the Scheduled Tribes and the Scheduled Castes, the SC/ST Cell has been set up in the University which is manned by a Liaison Officer supported by 1(one) Research-cum-Statistical Officer, 1(one) Section Officer, 1(one) Stenographer and 1(one) Peon. The entire operation is headed by the Chief Liaison Officer-cum Registrar of Mizoram University.