

YEARBOOK

2022



Prepared by IQAC
GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE

Govt. Zirtiri Residential Science College
Year Book 2022

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FROM THE PRINCIPAL'S DESK

It gives me immense joy to write this preface to the yearbook 2022. Came Covid-19 Pandemic and our lives were thrown into turmoil and we had to learn to cope with challenges we never faced before. Amidst the pandemic the institute went through its Academic and Administrative audit (AAA) from Higher and Technical Education, Govt of Mizoram and NAAC inspections. All through this period, all zirtirians worked relentlessly to earn a good grade In Triple A and NAAC inspection where we were accredited with Grade A. The yearbook has documented all important activities that were conducted during the preceding academic year

I am proud of the Editorial Board for having worked painstakingly to bring out this fifth volume of the College yearbook.

I am sure the contents of the yearbook will serve as an important source of information. It will put in record the achievements of the college in various areas of the academic life as well as reflect its institutional administrative system.

Happy reading everyone!



(PROF. B. ZOLIANA)

PREFACE

The IQAC of Government Zirtiri Residential Science College is immensely pleased to publish the fifth volume of the GZRSC Yearbook which covers the academic year 2021 - 2022. As highlighted in the earlier volumes, the intention behind preparing this yearbook is to offer an insight into the workings of the different departments of the college and record the activities of different sub-committees. Like its predecessor the yearbook contains reports from various departments, sub-committees, on-teaching faculty and also highlights student's performances during the reporting year. This yearbook opens with a chapter on professional ethics and code of conduct for faculty and students. Documentation is of utmost importance for all institutes as it offers the basis for quality enhancement. The yearbook serves as an important quality improvement measure and augments improvement of quality for all stakeholders.

However, errors or omissions may still be found for which we are truly regretful. The editorial board is thankful to all concerned for submitting reports within the stipulated time. The IQAC is hopeful that the yearbook will also serve as an important resource material for all stakeholders.

Editorial Board 2021 - 2022.

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1. PROFESSIONAL ETHICS AND CODE OF CONDUCT FOR FACULTY AND STUDENTS

Ethics is the core of human relationship between ourselves and the world around us. The purpose and role of ethics is multilayered. It includes the preservation of the human being as a person, human dignity, value system and the conditions for leading a good life.

The term ethics and values education apply to all aspects of education which either explicitly or implicitly relate to ethical dimensions of life and are such that can be structured, regulated and monitored with appropriate educational methods and tools. Professional ethics are principles that dictate the behaviour of a person or a group of persons in a business or work environment. Like values, they provide guidelines on how a person should act towards other people and institutions in such an environment,

The college has certain rules and regulations by which teacher-student and student – student relationships are maintained. Primarily, it has also adopted the code of Professional ethics outlined by the UGC.

Code of professional ethics extracted from UGC regulations on minimum qualifications for appointment of teachers and other academic staff in universities and colleges and measures for the maintenance of standards in higher education, 2018

I. Teachers and their Responsibilities:

Whoever adopts teaching as a profession assumes the obligation to conduct himself / herself in accordance with the ideal of the profession. A teacher is constantly under the scrutiny of his students and the society at large. Therefore, every teacher should see that there is no incompatibility between his precepts and practice. The national ideals of education which have already been set forth and which he/she should seek to inculcate among students must be his/her own ideals. The profession further requires that the teacher should be calm, patient and communicative by temperament and amiable in disposition.

Teacher should:

(i) Adhere to a responsible pattern of conduct and demeanour expected of them by the community. (ii) Manage their private affairs in a manner consistent with the dignity of the profession; (iii) Seek to make professional growth continuous through study and research; (iv) Express free and frank opinion by participation at professional meetings, seminars, conferences etc., towards the contribution of knowledge; (v) Maintain active membership of professional organisations and strive to improve education and profession through them; (vi) Perform their duties in the form of teaching, tutorials, practicals, seminars and research work, conscientiously and with dedication; (vii) Discourage and not indulge in plagiarism and other non ethical behaviour in teaching and research; (viii) Abide by the Act, Statute and Ordinance of the University and to respect its ideals, vision, mission, cultural practices and tradition; (ix) Co-operate and assist in carrying out the functions relating to the educational responsibilities of the college and the university, such as: assisting in appraising applications for admission, advising and counselling students as well as assisting the conduct of university and college examinations, including supervision, invigilation and evaluation; and (x) Participate in extension, co-curricular and extra-curricular activities, including the community service.

II. Teachers and Students

Teachers should:

(i) Respect the rights and dignity of the student in expressing his/her opinion; (ii) Deal justly and impartially with students regardless of their religion, caste, gender, political, economic, social and physical characteristics; (iii) Recognise the difference in aptitude and capabilities among students and strive to meet their individual needs; (iv) Encourage students to improve their attainments, develop their personalities and at the same time contribute to community welfare; (v) Inculcate among students scientific temper, spirit of inquiry and ideals of democracy, patriotism, social justice, environmental protection and peace; (vi) Treat the students with dignity and not behave in a vindictive manner towards any of them for any reason; (vii) Pay attention to only the attainment of the student in the assessment of merit; (viii) Make themselves available to the students even beyond their class hours and help and guide students without any remuneration or reward; (ix) Aid students to develop an understanding of our national heritage and national goals; and (x) Refrain from inciting students against other students, colleagues or administration.

III. Teachers and Colleagues

Teachers should:

(i) Treat other members of the profession in the same manner as they themselves wish to be treated; (ii) Speak respectfully of other teachers and render assistance for professional betterment; (iii) Refrain from making unsubstantiated allegations against colleagues to higher authorities; and (iv) Refrain from allowing considerations of caste, creed, religion, race or sex in their professional endeavour.

IV. Teachers and Authorities:

Teachers should:

(i) Discharge their professional responsibilities according to the existing rules and adhere to procedures and methods consistent with their profession in initiating steps through their own institutional bodies and / or professional organisations for change of any such rule detrimental to the professional interest; (ii) Refrain from undertaking any other employment and commitment, including private tuitions and coaching classes which are likely to interfere with their professional responsibilities; (iii) Co-operate in the formulation of policies of the institution by accepting various offices and discharge responsibilities which such offices may demand; (iv) Co-operate through their organisations in the formulation of policies of the other institutions and accept offices; (v) Co-operate with the authorities for the betterment of the institutions keeping in view the interest and in conformity with the dignity of the profession; (vi) Adhere to the terms of contract; (vii) Give and expect due notice before a change of position takes place; and (viii) Refrain from availing themselves of leave except on unavoidable grounds and as far as practicable with prior intimation, keeping in view their particular responsibility for completion of academic schedule.

V. Teachers and Non-Teaching Staff:

Teachers should:

(i) Treat the non-teaching staff as colleagues and equal partners in a cooperative undertaking, within every educational institution; (ii) Help in the functioning of joint-staff councils covering both the teachers and the non-teaching staff.

VI. Teachers and Guardians

Teachers should:

(i) Try to see through teachers' bodies and organisations, that institutions maintain contact with the guardians, their students, send reports of their performance to the guardians whenever necessary and meet the guardians in meetings convened for the purpose for mutual exchange of ideas and for the benefit of the institution.

VII. Teachers and Society

Teachers should:

(i) Recognise that education is a public service and strive to keep the public informed of the educational programmes which are being provided;

In addition to the professional code of ethics outlined by the UGC in its regulation, the college faculty is committed to follow the code of conduct outlined below:

1. The College teachers shall devote their energy to develop and improve their scholarly competence, while practising intellectual honesty all the while.
2. They are committed to exercise critical self-discipline and judgment in using, extending, and transmitting knowledge .
3. It is the obligation of the faculty member to pursue professional and academic development.
4. The college teachers will make every effort to foster honest academic conduct and ensure that their evaluations of students are transparent and fair to the best possible extent.
5. The teachers shall respect the confidential nature of the relationship between professor and student.
6. Faculty members (Teaching & Non –teaching shall avoid any exploitation, harassment, or biased treatment of students on any ground.
7. Faculty needs to openly express a zero tolerance policy toward academic dishonesty. Students who behave dishonestly should face the punitive measures consistent with the college rules and regulations. The code of conduct for students is regulated by the following rules of discipline for students.

GENERAL RULES OF DISCIPLINE FOR STUDENTS

1. SMOKING

Smoking is strictly prohibited within the College premises and is punishable with a fine of Rs. 200 (Rupees two hundred).

2. DRINKING

Drinking of any liquor with alcohol content and taking other intoxicants is prohibited within the College campus and during College functions (College Week, Inter-College Sports and other functions). Students found guilty of such prohibited acts are punishable by suspension from College for a period not exceeding one month. Such students will be prohibited from attending all other College activities/ functions. All kinds of unruly behavior, whether as an outcome of drinking alcohol or not, is strictly prohibited. Habitual offenders will be expelled from College.

3. CELL- PHONES

Active use of Cell-phone/ Ipods/ Music Players during lecture classes and practical classes is not allowed. Anyone found misusing such gadgets and indulging in such acts will have the material confiscated and parents will have to collect the same, with a fine, from the Principal.

4. DRESS CODE: All students are expected to come to College in decent costumes. Proper haircuts/ hairstyles must be maintained by all students in and around the campus.

5. RESPECTING TEACHERS: Students are expected to show respect to all teachers regardless of whether they are directly taught by them or not. Stern action will be taken against students who are disrespectful to teachers in words or in actions.

RULES OF DISCIPLINE IN CLASS ROOMS AND LABORATORIES

1. LATE ARRIVAL

Late arrival into Classrooms/ Laboratories is a breach of discipline. A student will not be allowed to enter the Classroom /Laboratory 15 minutes after classes have commenced.

2. CLASS TESTS/INTERNAL EXAMS

- a) All students are expected to appear in class tests and other internal examinations.
- b) All students must submit Laboratory Records and Assignments on time. Failure to turn in such works is a breach of College Rules and is punishable.

3. ATTENDANCE MATTER

- a) All students are expected to be regular in attendance
- b) A student must fulfil 75% monthly attendance failing which Parents/Guardians will have to meet the Principal.

4. MATTER REGARDING ABSENCE AND LEAVE

- a) Staying away from college without proper leave will not be tolerated, except when the case is sudden illness or unforeseen circumstance.
- b) After an absence from college, students must submit a letter of absence to the Principal duly signed by Parents/Guardians.
- c) Application for leave on Medical ground should be supported by authentic medical documents.
- d) Unauthorized absence from College at a stretch for a period exceeding 15 days may result in the student having his/ her name removed off the rolls and may not re-admitted.

5. MATTERS RELATING TO ATTENDANCE BY-PROXY

Tendering one's attendance through proxy is a serious breach of discipline. The punishment of guilty students is as follows:

- a) For every single offence, the attendance given through proxy plus three previous classes attended of the concerned students will be summarily cancelled.
- b) Students acting as proxy and found marking attendance of classmates have three class attendance records cancelled from the total attendance.

2. ANNUAL DEPARTMENTAL REPORT (2021- 2022)

A. ANNUAL DEPARTMENT REPORT FOR BIOCHEMISTRY DEPARTMENT

1. Name of department: BIOCHEMISTRY

2. Year of establishment: 2004

3. a) Name of the Head of Department: Dr. Fanai Lalsangluaii

b) Phone No (Official): 857504608

c) Email: fanai.amie@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

The Department of Biochemistry was established in 2004 in this college to encourage and cater to the growing demands for Applied Science in today's scientific sector. It was started under the Headship of Pu Laltanpuia, Associate Professor, GZRSC with minimal number of faculty, mostly through internal arrangements. As the department has eventually obtained Provisional Affiliation from Mizoram University in 2005, more batches of students were being enrolled each year and have passed out successfully during the past years.

Biochemistry was offered as an Elective Subject since its establishment, mostly due to lack of the prescribed number of teaching faculty and minimal status with respect to infrastructure, laboratory conditions, equipment and others.

However recently, the existing four (4) faculties which comprises of 3(three) regular faculties and 1(one) contract faculty were added with two (2) more, one from RUSA and another Casual Teaching Faculty from the Directorate, H&TE. Hence, application for starting Core Course in Biochemistry was immediately initiated and has been granted a Provisional Application to start Core Course in Biochemistry subject from 2021-2022 academic session by the 40th Meeting of the Academic Council (Dt 29.06.2021), vide its Resolution No. AC:40:4(17): 1.

Also, all members of the department are actively involved in framing the new core syllabus (UGC Module for UG Biochemistry: Learning Outcome based Curriculum Framework LOCF) which was approved by BOS, Biotechnology, MZU on 18th Oct, 2022, approved by School Board, Life Sciences, MZU on 3rd Nov, 2021 and final approval by Academic Council, MZU on 3rd Dec 2021.

Since then, new batches of core students were admitted from 2022-23 academic session and the present biochemistry students were also offered core from their 5th semester.

The subject books in the library are 442 nos, supplemented by 659 books in Botany and 642 books in Zoology. Recently, added by few more books from 20 different authors. 2 (two) subject specific / allied journals are being subscribed along with numerous E-books.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Laltanpuia-Attached to State Project Dir (RUSA), Dept of H&TE, wef 16-08-2019.	Associate Professor	MSc, NET	Biochemistry	29 years
2	Dr. Fanai Lalsangluaii (Head)	Assistant Professor	MSc (Biochemistry) NET, PhD	Biochemistry	14 years
3	Lalrosangpuii	Assistant Professor	MSc (Biochemistry) NET- CSIR JRF, SET	Biochemistry	9 years
4	K. Zosangpuii	Assistant	MSc	Biochemistry	10 years

		Professor (contract)	(Biochemistry)SET, MPhil		
5	Dr. Rebecca Vanlalsangi	Assistant Professor (RUSA)	MSc (Biotechnology) NET, PhD.	Microbiology	6 years
6	Dr. PC Lalrinfela	Assistant Professor (Casual)	MSc (Biotechnology) PhD.	Molecular Biology	6 years

6.Number of Teaching and Non-Teaching Staff in the Department:

Designation	Regular		Contract		Part Time		Total	
	M	F	M	F	M	F	M	F
Professor								
Associate Professor	1						1	
Assistant Professor		2		2	1		1	4
Lab Assistant								
Lab Attendant								

CBCS Course Structure of B.Sc (Biochemistry) (6 Semester Degree Course)

Sem	Course No.	Name of Paper	Credit	Page No.
		Course Structure		2-6
1 st	BCHEM/I/EC/01	BCHEM -I: Introduction to Biochemistry	4	7
	BCHEM /I/EC/02	Practical – I	2	8
2 nd	BCHEM /II/EC/03	BCHEM - II: Biomolecules	4	9
	BCHEM /II/EC/04	Practical – II	2	10
3 rd	BCHEM /III/EC/05	BCHEM -III: Enzymology & Bioenergetics	4	11
	BCHEM III/EC/06	Practical – III	2	12
4 th	BCHEM /IV/EC/07	BCHEM - IV: Intermediary metabolism	4	13
	BCHEM /IV/EC/08	Practical – IV	2	14
5 th	BCHEM /V/CC/09	BCHEM -V: Biochemical techniques	4	15
	BCHEM /V/CC/10	Practical – V	2	16
	BCHEM /V/CC/11	BCHEM -VI: Microbiology & Immunology	4	17
	BCHEM /V/CC/12	Practical – VI	2	18
	BCHEM /V/CC/13	BCHEM -VII: Physiological chemistry	4	19
	BCHEM /V/CC/14	Practical – VII	2	20
	BCHEM /V/CC/15 (a) BCHEM /V/CC/15 (b)	Optional I (any one) BCHEM -VIII: Cell & membrane biology BCHEM -IX: Genetics	4	21-22 23
BCHEM /V/CC/16	Project – I	2	24	
6 th	BCHEM /VI/CC/17	BCHEM -X: Clinical Biochemistry	4	25
	BCHEM /VI/CC/18	Practical – VIII	2	26
	BCHEM /VI/CC/19	BCHEM XI: Nutritional Biochemistry	4	27
	BCHEM /VI/CC/20	Practical – IX	2	28

	BCHEM /VI/CC/21	BCHEM -XII: Molecular biology	4	29
	BCHEM /VI/CC/22	Practical – X	2	30
	BCHEM /VI/CC/23 (a) BCHEM /VI/CC/23 (b)	Optional II (any one) BCHEM -XIII: Genetic engineering & Biotechnology BCHEM -XIV: Environmental Biochemistry	4	31-32 33
	BCHEM /VI/CC/24	Project – II/Education Tour/Field Trip	2	34
			72	

Course Structure & Marks Distribution of B.Sc. (Biochemistry)

Sem	Course No.	Name of Paper	Marks Scale			Credit				Exam(hrs)	
			C/A	End Sem	Tot	L	T	P	Tot	T	P
1 st	ENG/I/FC/01	English I	25	75	100	4	1	0	5	3	-
	BCHEM/I/EC/01	BCHEM -I: Introduction to Biochemistry	25	75	100	3	1	0	4	3	-
	BCHEM /I/EC/02	Practical – I	25	75	100	0	0	2	2	-	3
	Elec. Course-1	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Elec. Course-2	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Total	175	525	700				23			
2 nd	ENG/II/FC/02	English II	25	75	100	4	1	0	5	3	-
	BCHEM /II/EC/03	BCHEM -II: Biomolecules	25	75	100	3	1	0	4	3	-
	BCHEM /II/EC/04	Practical – II	25	75	100	0	0	2	2	-	3
	Elec. Course-1	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Elec. Course-2	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Total	175	525	700				23			
3 rd	HSCI/III/FC/03	History of Science	25	75	100	4	1	0	5	3	-
	BCHEM /III/EC/05	BCHEM -III: Enzymology & Bioenergetics	25	75	100	3	1	0	4	3	-
	BCHEM III/EC/06	Practical – III	25	75	100	0	0	2	2	-	3
	Elec. Course-1	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Elec. Course-2	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Total	175	525	700				23			
4 th	EVS/IV/FC/04	Environmental Studies	25	75	100	4	1	0	5	3	-
	BCHEM /IV/EC/07	BCHEM -IV: Intermediary metabolism	25	75	100	3	1	0	4	3	-
	BCHEM	Practical – IV	25	75	100	0	0	2	2	-	3

	/IV/EC/08										
	Elec. Course-1	Theory	25	75	100				4		
		Practical	25	75	100				2		
	Elec. Course-2	Theory	25	75	100				4		
		Practical	25	75	100				2		
		Total	175	525	700				23		
5 th	BCHEM /V/CC/09	BCHEM -V: Biochemical techniques	25	75	100	3	1	0	4	3	-
	BCHEM /V/CC/10	Practical – V	25	75	100	3	1	0	2	3	-
	BCHEM /V/CC/11	BCHEM -VI: Microbiology & Immunology	25	75	100	3	1	0	4	3	-
	BCHEM /V/CC/12	Practical – VI	25	75	100	0	0	2	2	-	3
	BCHEM /V/CC/13	BCHEM -VII: Physiological chemistry	25	75	100	0	0	2	4	-	3
	BCHEM /V/CC/14	Practical – VII	25	75	100	0	0	2	2	-	3
	BCHEM /V/CC/15 (a) BCHEM /V/CC/15 (b)	Optional I (any one) BCHEM -VIII: Cell & membrane biology BCHEM -IX: Genetics	25	75	100	3	1	0	4	3	-
	BCHEM /V/CC/16	Project – I	25	75	100	0	0	6	2	-	3
	Total		200	600	800				24		
6 th	BCHEM /VI/CC/17	BCHEM -X: Clinical Biochemistry	25	75	100	3	1	0	4	3	-
	BCHEM /VI/CC/18	Practical – VIII	25	75	100	3	1	0	2	3	-
	BCHEM /VI/CC/19	BCHEM XI: Nutritional Biochemistry	25	75	100	3	1	0	4	3	-
	BCHEM /VI/CC/20	Practical - IX	25	75	100	0	0	2	2	-	3
	BCHEM /VI/CC/21	BCHEM -XII: Molecular biology	25	75	100	0	0	2	4	-	3
	BCHEM /VI/CC/22	Practical - X	25	75	100	0	0	2	2	-	3
	BCHEM /VI/CC/23 (a) BCHEM /VI/CC/23 (b)	Optional II (any one) BCHEM -XII: Genetic engineering & Biotechnology BCHEM -XIV: Environmental Biochemistry	25	75	100	3	1	0	4	3	-
	BCHEM /VI/CC/24	Project – II/Education Tour/Field Trip	25	75	100	0	0	6	2	-	3
	Total		200	600	800				24		
	Grand Total		1100	3300	4400				140		
									100		
									40		

Key Points:

1. In teaching all the courses of Biochemistry, S.I. units will be followed.
2. Contact hour per Lecture is 1 hour. For Theory, 1 Contact hour is 1 Credit and for Practical, 2 Contact hours is 1 Credit.
3. Internal Tests/Assignments will be conducted as a part of Internal Assessment as per CGS Regulations (UG) of Mizoram University.

C. Core and Elective Papers

The permitted combinations of Core and Elective papers for Biochemistry are as given below:

Core	Elective I	Elective II
Biochemistry	Chemistry	Zoology /Botany
Zoology	Chemistry	Botany /Biochemistry
Botany	Chemistry	Zoology /Biochemistry
Chemistry	Mathematics/ Zoology	Physics/Biochemistry/Botany

8. Students Particulars:

Sl. No	Semester	Applications received 2021-2022	Selected 2021-2022	Enrolled		Pass percentage
				M	F	
1	I Semester	42	39	19	20	100
2	II Semester	35	28	15	13	91.30
3	III Semester	38	38	12	26	95
4	IV Semester	26	26	15	11	100
5	V Semester					
6	VI Semester					

9. Student - Teacher Ratio: 15:1**10. Annual Average Attendance Percentage of the Student: 90%****11. Study tour conducted under year of report: nil****12. Awards / Recognitions received by faculty and students:**

1. **Best Student Award** (academic performance based) is given out at the end of every semester by the department to outstanding/ best performing students, the award carries a certificate and incentives of Rs 500

13. Details of Faculty qualified for the Ph.D degree under year of report: nil

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others:

Sl. No	Name of Faculty	Course/Title	Organised by	Duration/Date	Level
1	Dr. Fanai Lalsangluai	International Conference on 'Living with Ecological Prosperity'	Department of EVS, PGDAV College, University of Delhi, India	10 th – 11 th July 2021	International
		Career guidance and opportunities	Department of Biochemistry, GZRSC	31 st July 2021	National
		Motivational talks and interaction session with University toppers	Department of Biochemistry, GZRSC	16 th Aug 2021	College
		National online Workshop on 'IPR'	Moolji Jaitha College, in association with RGNIIPM	22 nd Sept 2021	National
		Short term course on 'Research and Publication Ethics'	HRDC- MZU	1 st – 7 th Oct, 2021	University
		Social Construction of Gender	Dept of Biotechnology PUC & Dept of Biochemistry, GZRSC	19 th Oct 2021	National
		International e-Conference on 'Microbes with Entrepreneurship'	Microbiologist Society of India	24 th Oct 2021	International
		Celebration of 'National Science Day'	Research & Seminar Committee, GZRSC and MISTIC	8 th Mar 2022	National
2	Lalrosangpui	Career guidance and opportunities	Department of Biochemistry, GZRSC	31/07/2021	National
		Motivational talks and interaction session with University toppers	Department of Biochemistry, GZRSC	16/08/2021	College
		Social Construction of Gender	Dept of Biotechnology PUC & Dept of Biochemistry, GZRSC	16/08/2021	National

		Dare to dream-Women in technology	Women Entrepreneurship Day Organization and MZU	14/10/2021	National
		Advances in Plant Science	Dept of Botany and IQAC, Dada Patil Mahavidyalaya, Ahmednagar	13/10/2021	National
		Interdisciplinary Refresher Course (Online) on Environmental Studies and Disaster Management	HRDC, MZU	30 th November- 13 th December 2021	National
		Webinar on “NEP 2020: Holistic and Multidisciplinary Education”	Mizoram University	7 th December 2021	National
		Urea cycle under Faculty Exchange Programme	Dept of Biochemistry, GZRSC and Department of Biotechnology, Pachhunga University College	14 th March 2022	College
		Celebration of International Women’s Day	UGC-Women’s Studies Centre, Mizoram University,	8 th March, 2022	College
3	K. Zosangpuui	Universal values and Ethics	Department of Education, MZU	19/07/2021	National
		COVID-Human Brain Challenges	MZU & Republic of Panama	30/07/2021	National
		Career guidance and opportunities	Department of Biochemistry, GZRSC	31/07/2021	College
		Special Summer School	HRDC, MZU	20/07-02/08/2021	National
		Motivational talk and interactive session with university toppers	Department of Biochemistry, GZRSC	16/08/2021	National
		Cell membrane & Membrane Transport mechanism	Department of Biochemistry, GZRSC & Department of Biotechnology, PUC	18/08/2021	National
		Social construction of Gender	PUC & GZRSC	19/10/2021	State

		Celebration of 'National Science Day'	Research & Seminar Committee, GZRSC and MISTIC	08/03/2022	National
		FDP on Research quality, Teaching Learning & Evaluation"	Govt. Motilal, Bhopal (MP)	10-16/03/2022	National
		NSD Webinar	MISTIC	25/04/2022	College
4	Dr. Rebecca Vanlalsangi	Career guidance and oppurtunities	Department of Biochemistry, GZRSC	31/07/2021	National
		Obsevation of Swachhata Pakhwada	NSS and Cleanliness and sanitation committee, GZRSC	14/08/2021	University
		Motivational talks and interaction session with university toppers	Department of Biochemistry, GZRSC	16/08/2021	National
		Current knowledge on Air borne transmission of Covid 19	Government Serchhip college	18/09/2021	College
		Social Construction of Gender	Dept of Biotechnology PUC & Dept of Biochemistry, GZRSC	19/10/2021	International
5	Dr. PC. Lalrimfela	Living with Ecological Prosperity: Life Style, Economy, Environment and Sustainability	Department of Environmental Studies, P.G.D.A.V. College, University of Delhi, Delhi, India in collaboration with Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan, India & Young Social Scientists Association of India	10 th & 11 th July, 2021	International
		Glances of Biodiversity of Western Ghats	Botany Department and IQAC of Dapoli Education Society's Dapoli Urban Bank Senior Science College, Dapoli-Ratnagiri (Maharashtra)	17 th July, 2021	National

		Universal Values and Ethics	Department of Education Mizoram University (A Central University), Aizawl, Mizoram	19 th July, 2021.	National
		Endearing Plant Diversity of Coastal & Tellurian Land	Svkm`S Mithibai College Of Arts, Chauhan Institute Of Science & Amrutben Jivanlal College Of Commerce & Economics, Mumbai (Autonomous	24 th July, 2021.	National
		National Level Dr. K.S. Deshpande Memorial Virtual Lecture Series	Department of Botany, Microbiology and Biotechnology, NES`s Science College, Nanded	1 st August, 2021.	National
		Biodiversity Hotspots & "Nutrition as therapy	Svkm`S Mithibai College Of Arts, Chauhan Institute Of Science & Amrutben Jivanlal College Of Commerce & Economics, Mumbai (Autonomous	3 rd August, 2021	National
		National Deworming Day	Department of Veterinary Parasitology, College of Veterinary Sciences and Animal Husbandry, Central Agricultural University (Imphal), Selesih, Aizawl, Mizoram in association with NSS Unit of the college.	10 th August, 2021	National
		Introduction to Altmetrics	Department of Library & Information Science	14 th September, 2021	National
		Online Quiz competition	Mizoram ENVIS Hub and Mizoram pollution Control Board (State Nodal agency for NGC) in	14 th September, 2021	State

			collaboration with Govt. Zirtiri Residential Science College. Aizawl, Mizoram		
		Intellectual Property Rights (IPR)	School of Life Sciences, Department of Zoology and Research committee, IQAC in association with Rajiv Gandhi National Institute for Intellectual Property Management (RGNIIPM)	22 nd September, 2021	National
		Current knowledge on Airborne Transmission of Covid-19	Department of Botany and Department of Zoology, Govt. Serchhip College.	18 th September, 2021	National
		Advances in Plant Science	department of Botany and IQAC, Dada Patil Mahavidyalaya, Karjat Dist- Ahmednagar	13 th October 2021.	National
		Dare to dream- Women in Tech	Women Entrepreneurship Day Organization (WEDO) and Mizoram University,	14 th October, 2021.	International
		Social Construction of Gender	Department of Biotechnology, Pachhunga University College and Department of Biochemistry, Govt. Zirtiri Residential Science College, Aizawl	19 th October, 2021	Inter-College
		Faculty Development Program (online) on implementation of NEP-2020 in Higher education	RKDF University, Bhopal (MP) and and Supported by Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya, Bhopal (MP)	17 th – 22 nd February, 2022	National

	IP Awareness/Training program under on National Intellectual Property Awareness Mission	Intellectual property office, India	22 nd February, 2022	National
	Honour of Marathi Language Day	y KES Laxmi-Shalini Arts, Commerce & Science Women's College, Pezari	7 th March 2022.	National

15. Details of conference/Seminar organized by the department:

Sl. No	Topic	Funded by	Collaborations
1	Career guidance and Opportunities on 31 st July, 2021	Department	-
2	Faculty exchange program on 3 rd August, 2021	-	Department of Biotechnology, Pachhunga University College
3	Motivational talk and interactive session with university toppers on 16 th August, 2021	Department	Department of Biotechnology, Pachhunga University College
4	Social Construction of Gender on 19 th October, 2021	Pachhunga University College	Dept of Education, MZU

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: nil

17. Recognised Research Centre /facility:

18. Number of Faculty as members in

a) University- 2 (Moderation Board, BOS, School Board Life Sciences)

b) State: 1 (Organizing committee member in Children Science Congress)

c) Regional: 1 (Member in Mizo Academy of Science) (MAS)

d) National committees:

e) International Committees:

f) Editorial Board:

19. Details of Publications of Faculty:

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN No
1	Dr. Rebecca Vanlalsangi	Cyanobacteria-derived bioactive compounds: A beneficial aspects	2022	ELSEVIER	ISBN 978-0-323-91202-0

20. Participation of the department in the courses offered by other departments:

- Giving lectures on “History of Science” to 3rd Semester students.
- Giving lectures on “EVS” to 4th Semester students.

21. Courses in collaboration with other universities, industries, foreign institutions, etc:

1. MOU/ Collaboration Activity Report

A Memorandum of Understanding (MOU) was signed between Department of Biochemistry, GZRSC and Department of Biotechnology, Pachhunga University College for the year 2020 to 2021 and renewed for 2021 to 2022. The purpose of this Agreement is to promote academic and research cooperation between the two Departments.

- (1) Through this MOU, **Exchange of Teaching Faculty** between the two departments were carried out successfully since 2020. Following are the faculties involved in Faculty Exchange Programme during academic session 2021-2022:

 DEPARTMENT OF BIOTECHNOLOGY PACHHUNGA UNIVERSITY COLLEGE AND DEPARTMENT OF BIOCHEMISTRY GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE 			
FACULTY EXCHANGE PROGRAMME EVEN SEMESTER 2022			
Date	Semester	Topic	Teacher
9 March 2022 (Wednesday)	IV (Biochemistry, GZRSC)	Bchem/IV/EC/07 Unit 4: Operon Concept	Dr. Liansangmawii chhakchhuak, Assistant Professor, Department of Biotechnology, PUC
11 March 2022 (Friday)	II (Biochemistry, GZRSC)	Bchem/II/EC/03 Unit 5: Transport of fatty acids into mitochondria & beta-oxidation	Dr. Prashant Kumar Singh, Assistant Professor, Department of Biotechnology, PUC
14 March 2022 (Monday)	II (Biotechnology, PUC)	Biotech/II/EC/03 Unit 4: Urea Cycle	Lalrosangpuii, Assistant Professor, Department of Biochemistry, GZRSC
16 March 2022 (Wednesday)	IV (Biotechnology, PUC)	Bchem/IV/EC/07 Unit 5 : Bacterial genome	Dr. Rebecca Vanlalsangi, Assistant Professor, Department of Biochemistry, GZRSC

- (2) Through this MOU, a special lecture on ‘Social Construction of Gender ‘was jointly organized by Department of Biochemistry, GZRSC and Department of Biotechnology, Pachhunga University College on 19th October 2021.

22. Extension activities by the department:

1. Preparation of Hand Sanitizer (WHO Protocol)

For extension activities, a covid response team spearheaded by the Department of Biochemistry was constituted under the initiative and funding of the constituency MLA Dr. Vanlalhlana and with the support of the Principal. The response team comprised of Biochemistry teachers and volunteer teachers and students had prepared 1210 litres of hand sanitizers during the 1st wave of Covid- 19 Pandemic, 2020.

During this reporting period, another service in response to the threat during the **2nd Wave of Covid-19 Pandemic** was rendered by Department of Biochemistry **during May- July 2021**. The work has started from 10th May 2021 and continued till 12th May 2021, 12th June 2021 and 19th July 2021 at a **local garage since activities at college campus was not permitted/possible during these times**. A total of **389 litres** of hand sanitizers were prepared as per the latest WHO protocol. *A certificate of Appreciation was awarded by the MLA, Aizawl North II Constituency to the Department of Biochemistry in recognition of their exemplary work and dedication in serving the society amidst the Pandemic.*

The following teachers are involved / volunteered during this programme-

1. Dr PC. Lalrinfela (Biochemistry)
2. Dr Rebecca Vanlalsangi (Biochemistry)
3. Lalrosangpuii (Biochemistry)
4. K. Zosangpuii (Biochemistry)
5. Dr. Fanai Lalsangluaii (Biochemistry)

23. Library facilities: (Numbers only)

- a. Textbooks and Reference Books: 442**
- b. Journals: 2**
- c. E-Books and E Journals: 20**
- d. Any other:**

24. Any other relevant information(reports):

a) Faculties were actively involved in different sub-committees formed by IQAC, below are the lists of committees in which the faculties were appointed during the reporting period:

Sl. No.	Name of faculty	List of sub-committees
1	Dr. Fanai Lalsangluaii	a) Canteen Management b) Decoration & Hall Arrangement c) Research & Seminar
2	Lalrosangpuii	a) Games & Sport b) Library Committee c) Eco club
3	K. Zosangpuii	a) Canteen Management b) Decoration & Hall Arrangement
4	Dr. Rebecca Vanlalsangi	a) Research & Seminar b) Eco club
5	Dr. P.C. Lalrinfela	a) Eco club

b) Each semester, during the specified period, two teachers, Dr. Rebecca Vanlalsangi and Dr. PC. Lalrinfela, were engaged in teaching environmental studies in the 4th semester of the BSc and BCA programs, as well as the history of science in the 3rd semester.

c) Involvement of faculties in Curriculum Design-

* All members of the department are actively involved in framing the new core syllabus (UGC Module for UG Biochemistry, LOCF) which was approved by BOS, Biotechnology, MZU on 18th Oct, 2022, approved by School Board, Life Sciences, MZU on 3rd Nov, 2021 and final approval by Academic Council, MZU on 3rd Dec 2021.

* Faculty members were appointed by Mizoram University to formulate the UG Curriculum for Biochemistry in line with NEP 2020 Guidelines during Dec 2021.

B. ANNUAL DEPARTMENT REPORT FOR BOTANY DEPARTMENT

1. **Name of department:** Botany
2. **Year of establishment:** 2000
3. a) **Name of the Head of Department:** Dr R Lalengmawia
b) **Phone No (Official):** 0389 2305848
c) **Email:** maengaralte@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

The department of Botany was established in the year 2000 at Government Zirtiri Residential Science College. The department with its eight faculty members works to promote a deep knowledge and understanding of the different aspects of plant sciences among students who often lack the basic foundation on the subject. It aims to provide a conducive learning environment for students and to groom them in preparation for achieving their next career level. The department also tries to keep pace with the recent advances and trends in plant sciences by attending workshops, seminars, group discussions and going on field studies.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Dr R Lalengmawia	Associate Professor	MSc, PhD	Forest Ecology	29
2.	Zodinpuui	Associate Professor	MSc	Plant Physiology	28
3.	Laltlanchhungi	Associate Professor	MSc	Forest Ecology	24
4.	Mary Lalthansangi	Associate Professor	MSc	Plant Biotechnology	24
5.	Lalrintluangi	Associate Professor	MSc	Angiosperm taxonomy	23
6.	Lalremruati Hmar	Associate Professor	MSc	Microbial Ecology	23
7.	Lalnunthara	Associate Professor	MSc	Microbial Ecology	23
8.	Lalthanpuui Hnamte	Assistant Professor	MSc	Pharmacognosy	15

6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F
Professor	M	F	M	F	M	F	M	F
Associate Professor	-	-	-	-	-	-	2	5
Assistant Professor	-	-	-	-	-	-	-	1
Lab Assistant	-	-	-	-	-	-	-	-

Lab Attendant	-	-	-	-	-	-	-	1
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7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
I	BOT/I/CC/01	Cryptogams	4
	BOT/I/CC/02	Cryptogams	2
II	BOT/II/CC/03	Phanerogams	4
	BOT/II/CC/04	Phanerogams	2
III	BOT/III/CC/05	Plant Physiology, Biochemistry, Ecology	4
	BOT/III/CC/06	Plant Physiology, Biochemistry, Ecology	2
IV	BOT/IV/CC/07	Microbiology, Cytology, Genetics, evolution	4
	BOT/IV/CC/08	Microbiology, Cytology, Genetics, evolution	2
V	BOT/V/CC/09	Fungi, Plant Pathology, Biostatistics	4
	BOT/V/CC/10	Fungi, Plant Pathology, Biostatistics	2
	BOT/V/CC/11	Algae, Lichen, Bryophytes	4
	BOT/V/CC/12	Algae, Lichen, Bryophytes	2
	BOT/V/CC/13	Cytogenetics, Plant Breeding, Bioinformatics	4
	BOT/V/CC/14	Cytogenetics, Plant Breeding, Bioinformatics	2
	BOT/V/CC/15	Environmental Biology, Ethnobotany	4
	BOT/V/CC/16	Environmental Biology, Ethnobotany	2
VI	BOT/VI/CC/17	Pteridophytes, Gymnosperms, Palaeobotany	4
	BOT/VI/CC/18	Pteridophytes, Gymnosperms, Palaeobotany	2
	BOT/VI/CC/19	Angiosperm taxonomy, Anatomy, Embryology	4
	BOT/VI/CC/20	Angiosperm taxonomy, Anatomy, Embryology	2
	BOT/VI/CC/21	Plant Metabolism, Biochemistry, Thermodynamics	4
	BOT/VI/CC/22	Plant Metabolism, Biochemistry, Thermodynamics	2
	BOT/VI/CC/23	Plant Biotechnology, Experimental Embryology	4
	BOT/VI/CC/24	Plant Biotechnology, Experimental Embryology	2

8. Students Particulars:

Sl.No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	142	114	41	73	99.12

2	II Semester	103	103	43	60	100
3	III Semester	82	82	35	47	98.6
4	IV Semester	71	71	31	40	100
5	V Semester	39	39	18	21	100
6	VI Semester	39	39	18	21	92.30

9. Student - Teacher Ratio: 1: 29

10. Annual Average Attendance Percentage of the Student: 84%

11. Study tour conducted under year of report: Nil

12. Awards / Recognitions received by faculty and students under reporting year : Nil

13. Details of Faculty qualified for the Ph.D degree under year of report: Nil

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1.	Dr R Lalengmawia	Poster making competition 2021 & Online Quiz Competition	Socio-cultural Debating Committee & IQAC, GZRSC	2. 10.2021	College level
		Resource Person - Science Festival, Vigyan Utsav: STI Ecosystem for Atma Nirbhar Bharat: Science Communication and Popularization (online)	Mizoram Science, Technology & Innovation Council (MISTIC) and Department of Science, Technology & Innovation Council, Govt. of India	10.2.2022	State Level
		Virtual Technology Expo	Scheduled Tribe Cell, Mizoram Science, Technology & Inovation Council (MISTIC)	10.2.2022	State Level
		Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC	4.3.2022	College level
2.	Zodinpuii	Personality Development Programme for Final Year Students	Student Support Committee, GZRSC.	5 days 8.6.2021 to 1.7. 2021	College level
		Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC	4.3.2022	College level

		Personality Development Programme 2022	Student Support Committee & IQAC, GZRSC	30.5.2022 to 3.6.2022	College level
3.	Lalthanchungi	Personality Development Programme for Final Year Students	Student Support Committee, GZRSC.	5 days 8.6.2021 - 1.7.2021	College level
		Online Training in Counselling and Mental Health	Directorate of Higher and Technical Education, Govt of Mizoram & Govt Hrangbana College, Dept of Psychology.	7.7. 2021	State level
		Webinar on “Current Knowledge on Airborne Transmission of Covid-19”	Dept of Zoology and Dept of Botany, Govt. Serchhip College	18.9.2021	State level
		Online Training on Career Awareness for Youth of Aizawl district	SIRD & PR, Mizoram.	2 days 24.2.2022 - 25.2.2022	State level
		Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC	4.3.2022	College level
		Webinar on Fire Prevention	NSS, GZRSC Unit in Collaboration with Disaster Management Committee, GZRSC College	7.3.2022 7:30- 8:30pm	College level
		Legal Awareness for Women	1st Bn MAP	8.3.2022	State level
		Webinar on Celebration of National Science Day 2022	Research and Seminar Committee, GZRSC and MISTIC	8.3.2022 7:30pm	College level
		National Webinar on Climate change	UGC-Human Resource Development Centre, MZU	9.3.2022	National level
		‘Awareness, Sensitization & Fire/Disaster Safety tips’	1st Bn MAP	One day 12.5.2022	State level
		Personality Development Programme 2022	Student Support Committee & IQAC, GZRSC	30.5.2022 – 3.6.2022	College level
		4.	Mary Lalthansangi	Online Training in Counselling and Mental Health	Directorate of Higher and Technical Education, Govt of Mizoram & Dept of Psychology, Govt Hrangbana College,
Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC			4.3.2022	College level

5.	Lalrintluangi	Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC	4.3.2022	College level
		Webinar on climate change	Human resource development centre, Mizoram University	9.3.2022	University level
6.	Lalremruati Hmar	Webinar on “Current Knowledge on Airborne Transmission of Covid-19”	Dept of Zoology and Dept of Botany, Govt. Serchhip College	18.9.2021	College level
		Webinar on Forests and Wildlife protection in Mizoram	Mizoram ENVIS Hub And Mizoram Pollution Control Board	8.10.2021	State Level
		Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC	4.3.2022	College level
		Webinar on Machine Learning National	HRDC, MZU	8.3.2022	University level
		Webinar on climate change National	HRDC,MZU	9.3.2022	University level
		National Webinar on Emerging Trends of Molecular Nano-medicines (ETMN-2-22)	Centre for Nanoscience & Nanotechnology and Centre for Molecular and Nanomedical sciences, international research Centre	8.6.2022	National Level
7.	Lalnunthara	Webinar on Celebration of National Science Day 2022	Botany Department, GZRSC in collaboration with MISTIC	4.3.2022	College level
8.	Lalthanpuui Hnamte	Webinar- Covid-Human Brain Challenges	MZU and INDICASAT-AIP, Republic of Panama	30.7.2021	International
		Webinar- state Level Webinar on Climate change: A Brink concern on Mizoram	Dept. Of Geography Govt champhai College	3 Days 5.8.2021 - 7.8.2021	State level
		Gender Studies	MZU -HRDC	8.9.21 – 14.9.21	State level
		Webinar on “Aatma Nirbhar Bharat Abhiyan - Theory, Actions and Way Forward”	Public Administration dept and UGC Women center MZU	16.10.2021	National level
		Economic Development of North East Region: The Way Forward’	Department of Management and Department of Economics. Govt. J. Thankima College,	27.10.2021	National level

		Aizawl, Mizoram.		
	Webinar on 'Modelling Relationship Between Variables : Some New Developments'	Research and Consultancy Committee and Department of Economics. J.Thankima college	28.10.2021	National level
	Religion and state in the post-colonial state of India	Dept of History and Political Science Govt Aizawl west college.	1 day 20.11.2021	International level
	Intellectual property rights	IQAC Aizawl west college and MISTIC	30.11.2021	State level
	Effective teaching of environmental science	PUC	24 - 30.1.2022	National level
	Climate change and wildlife	MISTIC	1 day 27.1.2022	State level
	Climate Change	MZU	9.3.2022	state level
	Integrated approach in science and technology for sustainable future	MISTIC & Botany Dept	1 day 4.3.2022	State level
	Exploring the Role of Tree Biodiversity in Resilient Agroforest Landscapes	Dept.of Environmental Science,MZU	1 Day 23.5.2022	International
	VIGYAN UTSAV-STI Ecosystem for Atma Nirbhar Bharat: Basic science for Atmanirbharatha.	MISTIC	1 day 2.6.2022	State level
	NEP 2020-Strategic Action Plan and goals for NAD Digi Locker	UGC/MZU	22.6.2022	State level

15. Details of conference/Seminar organized by the department (2021-2022):

Sl. No	Topic	Funded by	Collaborations
1.	Webinar on Celebration of National Science Day 2022	-	Botany Department GZRSC and MISTIC, Government of Mizoram

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

17. Recognized Research Centre /facility:

18. Number of Faculty as members in

a) University:

- 1) Dr R. Lalengmawia - Co-ordinator, One-time Special Exam to candidate who could not pass through their exam during Semester System (Pre-CBCS)
- 2) Dr R. Lalengmawia - Scrutinizer, VI Semester, UG 2022 Examination (Botany) during 6th – 10th June, 2022
- 3) Lalremruati Hmar - Member, Board of studies in Botany department
- 4) Lalremruati Hmar - Member, moderation Board in Botany department
- 5) Mary Lalthansangi - Member, moderation Board in Botany department

b) State:

- 1) Dr R. Lalengmawia - President, Science Teachers' Association Mizoram
- 2) Dr R. Lalengmawia – Publisher, Mizoram Science Journal

c) Regional: Nil

d) National committees: Nil

e) International Committees: Nil

f) Editorial Board:

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
1.	Henchai P. Phom, Kalidas Upadhyaya and Lalthanpuii Hnamte	Nutrient Content of Leaf of Three Selected Tree Species of Flood Plains of Assam, India	30.09.2021	<i>Indian journal of Animal Nutrition</i>	ISSN-0970- 3209

20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc:

22. Extension activities by the department:

23. Library facilities: (Numbers only)

- a. Textbooks and Reference Books: 530
- b. Journals: 5
- c. E-Books and E Journals: N-list
- d. Any other:

24. Any other relevant information (reports):

The department has been detailed to take up the following common course/foundation course

History of Science in III Semester BSc

Environmental Science in IV Semester BSc

C. ANNUAL DEPARTMENT REPORT FOR CHEMISTRY DEPARTMENT

1. Name of department: Chemistry

2. Year of establishment: 2000

3. a) Name of the Head of Department: Dr. K. B. SINGH

b) Phone No (Official): 9436354735

c) Email: drsinghkb@gzrsc.edu.in

4. Brief Introduction of the Department (maximum 200 words):

The Department of Chemistry was started in the year 2000. There are 3 class rooms and 2 laboratories. At present there are 8 faculties in number according to the documents of Higher & Technical Department, Govt. of Mizoram following the attachment of Dr. Lalsaimawia Sailo from Govt. Saiha College. But in reality, the teachers who engaged in teaching are only 6. Among the faculty, Mr. Laltanpuia is on deputation as Additional State Project Director, RUSA and Dr. Zirliangngura is also on deputation as NSS Nodal Officer under Sports and Youth Services Department, Govt. of Mizoram. As Chemistry is the central subject, majority of the students choose Chemistry as one of their elective subject. So, the teachers who can engage in teaching are less according to the number of students, theory and practical classes.

Chemistry Department offers three main branches of Chemistry - Organic, Inorganic and Physical Chemistry. Besides these, other branches like Analytical Chemistry, Industrial Chemistry, Natural Products, Medicinal, Environment, Green Chemistry and Material Chemistry are also included in the syllabus. The teachers are also very hard working for the students, they conduct remedial & special classes for Chemistry students and repeaters from time to time. The faculties are regularly involved in setting questions, moderation, and evaluation of the university examination. Most of the students come from remote villages of Mizoram, they are average or below average students in their academic records. But due to the high efforts given by teacher and students in studies, we always have university rank holders. Besides class room teaching, students are also guided to visit industry and other important places, guide and help them to participate in Science exhibition which are related to their syllabus.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Dr. K. B. Singh	Associate Professor	Ph.D	Inorganic Chemistry	31
2	Dr. Lalhmingliana Hnamte	Associate Professor	Ph.D, JRF-NET	Physical Chemistry	25
3	Zonunthari	Associate Professor	M.Sc, Ph.D (on-going)	Organic Chemistry	23
4	R. Lalramengzami	Associate Professor	M.Sc	Physical Chemistry	23
5	Dr. Samuel Lallianrawna	Assistant Professor	Ph.D, NET	Natural Product Chemistry	14
6	Dr. Lalsaimawia Sailo	Assistant Professor	Ph.D, NET, SLET	Analytical Chemistry	8

6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F
Professor	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Associate Professor	2	2	Nil	Nil	Nil	Nil	2	2
Assistant Professor	1	Nil	1	Nil	Nil	Nil	2	Nil
Lab Assistant	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Lab Attendant	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

7. Details of the Courses conducted by the department:

Sem	Course Code	Course Name	Credit
I Semester	CHEM/I/EC/01	Inorganic Chemistry-I-Theory Marks :100 (Internal: 25 + End Semester Exam: 75)	3-1-0
	CHEM/I/EC/02	Inorganic Chemistry-I-Practical	0-0-2
II Semester	CHEM/II/EC/03	Organic Chemistry-I-Theory	3-1-0
	CHEM/II/EC/04	Organic Chemistry-I-Practical	0-0-2
III Semester	CHEM/III/EC/05	Physical Chemistry-I-Theory	3-1-0
	CHEM/III/EC/06	Physical Chemistry-I-Practical	0-0-2
IV Semester	CHEM/IV/EC/07	Analytical Chemistry-I-Theory	3-1-0
	CHEM/IV/EC/08	Analytical Chemistry-I-Practical	0-0-2
V Semester	CHEM/V/CC/09	Inorganic Chemistry-II-Theory	3-1-0
	CHEM/V/CC/10	Inorganic Chemistry-II-Practical	0-0-2
	CHEM/V/CC/11	Organic Chemistry-II-Theory	3-1-0
	CHEM/V/CC/12	Organic Chemistry-II-Practical	0-0-2
	CHEM/V/CC/13	Physical Chemistry-II-Theory	3-1-0
	CHEM/V/CC/14	Physical Chemistry-II-Practical	0-0-2
	CHEM/V/CC/15 (A)*	Analytical Chemistry (Option A)	4-2-0
CHEM/V/CC/15 (B)*	Industrial Chemistry (Option B)	4-2-0	
VI Semester	CHEM/VI/CC/16	Inorganic Chemistry-III-Theory	3-1-0
	CHEM/VI/CC/17	Inorganic Chemistry-III-Practical	0-0-2
	CHEM/VI/CC/18	Organic Chemistry-III-Theory	3-1-0
	CHEM/VI/CC/19	Organic Chemistry-III-Practical	0-0-2
	CHEM/VI/CC/20	Physical Chemistry-III-Theory	3-1-0
	CHEM/VI/CC/21	Physical Chemistry-III-Practical	0-0-2
	CHEM/VI/CC/22 (A)*	Material Chemistry (Option A)	4-2-0
CHEM/VI/CC/22 (B)*	Natural Products (Option B)	4-2-0	

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	223	223	102	121	-
2	II Semester	256	256	125	131	96.00%
3	III Semester	256	256	125	131	94.83%
4	IV Semester	145	145	69	76	95.5.00%
5	V Semester	24	24	15	9	-
6	VI Semester					

9. Student - Teacher Ratio:

1 st Semester,	223 : 6
2 nd Semester,	256 : 6
3 rd Semester,	256: 6
4 th Semester,	145 : 6
5 th Semester,	24 : 6
6 th Semester,	-

10. Annual Average Attendance Percentage of the Student:

11. Study tour conducted under year of report:

Dr. Lalsaimawia Sailo has been appointed as Tour Director during the study tour conducted by the college on 6th -10th June in the eastern part of Mizoram visiting Mizo Historical places

12. Awards / Recognitions received by faculty and students under reporting year:

13. Details of Faculty qualified for the Ph.D degree under year of report:

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1.	Dr. Lalhmingliana Hnamte	29 th State Children's Science Congress	STAM, Mizoram	20 & 21 Jan., 2022	State
2.	Dr. Samuel Lallianawna	Pollution Monitors: Air & Water Pollution Under GSDP	Ministry of Environment, Forest & Climate Change, GoI	20 th Jan - 23 rd March, 2022	National
		One Week International	Science	12 th – 18 th Feb.,	International

		webinar on Science in the 21 st Century	Departments of Govt. Serchhip College	2022	
		Two Weeks Inter Disciplinary Refresher Course on Environment & Human Health	Ramanujan College, DU & Ministry of Education, GoI	28 th March – 11 th April, 2022	International
3.	Dr. Lalsaimawia Sailo	Pollution Monitors: Air & Water Pollution Under GSDP	Ministry of Environment, Forest & Climate Change, GoI	20 th Jan - 23 rd March, 2022	National
		One Week Faculty Development Programme on ICT Tools for Effective Teaching & Learning	Amar Sewa Mandal's Kamla Nehru Mahavidyalaya	23 rd to 28 th May, 2022	National
		One Week Faculty Development Programme on Research Methodology	Amar Sewa Mandal's Kamla Nehru Mahavidyalaya	2 nd to 7 th May, 2022	National

15. Details of conference/Seminar organized by the department (2021-2022):

Sl.No	Topic	Funded by	Collaborations

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

17. Recognized Research Centre /facility: Nil

18. Number of Faculty as members in

a) University:

1. Dr. Lalhmingliana Hnamte & Dr. Lalsaimawia Sailo, Members, Moderation Board, Department of Chemistry, MZU

2. Dr. Lalhmingliana Hnamte, Member, BOPS, Department of Industrial Chemistry, MZU

3. Dr. Lalsaimawia Sailo has been appointed as President, Yuva Tourism Club, GZRSC.

b) State: Nil

c) Regional: Nil

d) National committees: Nil

e) International Committees: Nil

f) Editorial Board: Nil

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
1.	Dr. Samuel Lallianrawna	Potential Application of Indigenous Microorganism Derived Biosorbent in the Efficient Removal of Congo Red from Aqueous Solution	July, 2022	Science & technology Journal	2321 3388

20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc:

22. Extension activities by the department:

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books: 1218

b. Journals: Nil

c. E-Books and E Journals: Nil

d. Any other:

24. Any other relevant information (reports):

1. **Dr. Lalhmingliana Hnamte** has been appointed as ‘Evaluator’ in the 29th State Level Children Science Congress held on 20-21 Jan, 2022 organized by Directorate of School Education, Govt. of Mizoram.

2. **Dr. Lalhmingliana Hnamte** has been appointed as ‘Judge’ in the Science Exhibition-2022 on 21st Oct., organized by MISTIC Govt. of Mizoram & Innovation Club, GZRSC.

D ANNUAL DEPARTMENT REPORT FOR COMPUTER SCIENCE

1. Name of department : Computer Science
2. Year of establishment : 2003
3. a) Name of the Head of Department: C. Lalrinawma
b) Phone No (Official) :
c) Email : lalrinawma.c@gmail.com

4. Brief Introduction of the Department:

The Department of Computer Science was established in the year of 2003 as one of the first Computer Science Department offering Bachelor of Computer Applications (BCA) in the College, under Higher & Technical Education, Government of Mizoram funded by Development of North Eastern Region (DoNER). IT industries and technology changes have been taking place globally and the youth of the state are eager to indulge in the field of Information Technology. At such a crucial time. the Department was set up by the Government to meet the demand for the hunger in the field of Information Technology. And, it was set up for a self-finance department in the institution. The faculty members are highly qualified and productive educators. Eight faculty members are working to educate the students. Bachelor of Computer Applications (BCA) is a 3-years under-graduate degree course and affiliated to Mizoram University (MZU).

Well-equipped computer labs are available for the students. A networked laboratory has been set up and established to provide a networked environment for the students. Broadband Internet facility is available free of cost so that students can have access to an unlimited wealth of information on the net. Audio Visual peripheral devices are available for teaching along with the system. The computing resources were also used by different departments and for the Faculty Development Program by the College.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	C.Lalrinawma	Assistant Professor	MCA, MPhil(CS), B.Ed, Ph.D(on going)	Computer Science	17
2	MS. Dawngliani	Assistant Professor	MSc (CS) Ph.D	Computer Science	14
3	Lalhruaitluanga	Assistant Professor	MSc (IT), MPhil (CS), MBA, Ph.D (on going)	Computer Science	17
4	R. Lalmawipuii	Assistant Professor	BTech (CSE) MTech (IT)	Computer Science	17
5	H. Thangkhanhau	Assistant Professor (Contract)	MCA, MTech, Ph.D (on going)	Computer Science	12
6	Vanlallura	Assistant Professor (Part-time)	MCA	Computer Science	12
7	Laldingliana Sailo	Assistant Professor (Part-time)	MCA	Computer Science	12
8	Lalsangzuali	Assistant Professor (Part-time)	Msc(Maths & Comp. Sc)	Mathematics	3

6. Number of Teaching and Non -Teaching Staff in the Department:

Designation	Regular		Contract		Part Time		Total	
	M	F	M	F	M	F	M	F
Professor								
Associate Professor								
Assistant Professor	2	2	1	0	2	1	5	3
Lab Assistant								
Lab Attendant								

7. Details of the Courses conducted by the department:

1 st Sem	Name of Paper		Credit
BCA/1/CC/01	English Language & Communication Skills	Theory	4
BCA/1/CC/02	Basic Mathematics	Theory	5
BCA/1/CC/03	Introduction to Information Technology	Theory	4
BCA/1/CC/04	Digital Computer Fundamentals	Theory	4
BCA/1/CC/05	PC Applications & Internet Technology Lab	Practical	3
BCA/1/CC/06	Office Automation Lab	Practical	3
			23
2nd Sem			
BCA/2/CC/07	Personality and Soft Skills Development	Theory	4
BCA/2/CC/08	Discrete Mathematics	Theory	5
BCA/2/CC/09	Programming Language through C	Theory	4
BCA/2/CC/10	Accounting and Financial Management	Theory	4
BCA/2/CC/11	Programming in C Lab	Practical	3
BCA/2/CC/12	Tally ERP 9.0 Lab	Practical	3
			23
3rd Sem			
BCA/3/CC/13	Operating Systems	Theory	4
BCA/3/CC/14	Data Structure using C	Theory	4
BCA/3/CC/15	Database Management Systems	Theory	4
BCA/3/CC/16	Computer Organization and Architecture	Theory	5
BCA/3/CC/17	Oracle Lab	Practical	3
BCA/3/CC/18	Data Structure using C Lab	Practical	3
			23
4th Sem			
BCA/4/CC/19	Environment and Ecology	Theory	4
BCA/4/CC/20	Web Programming	Theory	4
BCA/4/CC/21	Computer Networking- I	Theory	5
BCA/4/CC/22	Object Oriented Programming in C++/Java	Theory	4
BCA/4/CC/23	Web Programming using PHP Lab	Practical	3
BCA/4/CC/24	C++/Java Programming Lab	Practical	3
5th Sem			23
BCA/5/CC/25	Software Engineering-I	Theory	5

BCA/5/CC/26	Computer Graphics	Theory	4
BCA/5/CC/27	GUI Programming	Theory	4
BCA/5/EC/28	Elective-I (any one)		5
a)	Cloud Computing	Theory	
b)	E-commerce and E-governance	Theory	
c)	IT Act and Cyber Laws	Theory	
BCA/5/CC/29	Minor Project	Practical	3
BCA/5/CC/30	Programming with VB.NET Lab	Practical	3
			24
6th Sem			
BCA/6/EC/31	Elective-II (any one)		5
a)	Software Engineering-II	Theory	
b)	Software Project Management	Theory	
c)	Management Information System	Theory	
BCA/6/EC/32	Elective III (any one)		5
a)	Data Warehousing	Theory	
b)	Computer Networking -II	Theory	
c)	Mobile Computing	Theory	
BCA/6/CC/33	Major Project	Practical	14
			24
		Theory Total(T)	95
		Practical Total(P)	45
		Total(T+P)	140

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	49	41	37	4	95.12
2	II Semester	40	40	36	4	100
3	III Semester	29	29	25	4	100
4	IV Semester	29	29	25	4	79.31
5	V Semester	18	18	16	2	100
6	VI Semester	18	18	16	2	100

9. Student - Teacher Ratio: 11:1

10. Annual Average Attendance Percentage of the Student: 78%

11. Study tour conducted under year of report: Nil

12. Awards / Recognitions received by students:

There are four students got ranking in BCA under MZU Examination in 2022 as follows:

(i) Lalremruati 2th Rank

(ii) Samuel Laldintluanga 6th Rank

(iii) John Lalremruata 8th Rank

(iv) Laldinsanga 9th Rank

13. Details of Faculty qualified for the Ph.D degree under year of report: NIL

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others:

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1	Dr. M S Dawngliani	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College
		Seminar on Sensitization on Curriculum Design under NEP 2020	Mizoram University	8 th December 2021	State
		Webinar on orientation program on development of syllabus for UG courses offered by Mizoram University	Mizoram University	14 th Dec 2021	State
2	C Lalrinawma	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College
		Seminar on Sensitization on Curriculum Design	Mizoram University	8 th December 2021	State

		under NEP 2020			
		Webinar on orientation program on development of syllabus for UG courses offered by Mizoram University	Mizoram University	14 th Dec 2021	State
3	Lalhrualtuanga	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College
		Seminar on Sensitization on Curriculum Design under NEP 2020	Mizoram University	8 th December 2021	State
		Webinar on orientation program on development of syllabus for UG courses offered by Mizoram University	Mizoram University	14 th Dec 2021	State
		4	R. Lalmawipuii	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida
Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science			14 th Sept 2021	College
Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC			14 th Sept 2021	State
Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC			March 2022	College
Impact of Covid19 on Migrant Workers, Employment & Economy: Special reference to Mizoram	IQAC, Research and Consultancy Cell, Govt. T. Romana College, Aizawl, Mizoram & Mizoram Youth Commission, Govt. of Mizoram			19 th August, 2020	National

5	Lalsangzuali	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College
6	Laldingliana Sailo	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College
7	H. Thangkhanhau	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College
		Academic Writing	Swayam MOOC Course by NPTEL	August 2021	National
		Advanced Research Methodology Tools and Techniques	TLC, Ramanujan College, Delhi Univeristy under	15-30 April 2021 (Two weeks)	National

			PMMMNM Got. Of India		
		Data Analytics and Modelling Tools for Research	TLC, Ramanujan College, Delhi Univeristy under PMMMNM Got. Of India	16-22 January 2022 (One Week)	National
		NLP – Natural Language Processing in Python (Theory & Projects)	Udemy Online Learning Platform	February 27, 2022	International
		Machine Learning and Deep Learning with Python	Department of Information Science and Engineering, BMS College of Engineering, Bengaluru	14-18 March 2022	National
		International Faculty Development Programme (FDP) on Data Analytics and Machine Learning	Mizoram University and NEHU	21-25 March 2022	International
		Resource Person in Capacity Building of School Teachers on IECT Technologies	NIELIT Aizawl with Samagra Shiksha Mizoram and Mizoram IT Society	1 st May to 22 July 2022	State
		International Faculty Development Programme on Mathematical Modelling of Biosystems with Special Focus on Epidemiology	Mizoram University	22-27 August 2022	International
		2022 International Conference on Futuristic Technologies (INCOFT)	SG Balekundri Institute of Technology, Belagavi and IEEE Bangalore Section	25 – 27 November 2022	International
	Vanlallura	Webinar on Cloud Computing	Dept. of Computer Science in collaboration with DUCAT, Noida	6 th Sept 2021	College
		Webinar on Gender Equity and Mizo Customary Law	Dept. of Computer Science	14 th Sept 2021	College
		Webinar on State's & India's Past Glorious	NSS Unit, Govt Serchhip College. Dept. of Computer Science, GZRSC	14 th Sept 2021	State
		Webinar on Integrated Approach in science and technology for sustainable future	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	March 2022	College

15. Details of conference/Seminar organized by the department:

Sl. No	Topic	Funded by	Collaborations
1	Webinar on Cloud Computing 6 th Sept 2021	Dept. of Computer Science	DUCAT, Noida
2	Webinar on Gender Equity and Mizo Customary Law 14 th Sept 2021	Dept. of Computer Science	English Department, GZRSC
3	Webinar on State's & India's Past Glorious 14 th Sept 2021	Dept. of Computer Science, GZRSC	NSS Unit, Govt Serchhip College.
4	Webinar on Integrated Approach in science and technology for sustainable future March, 2022	MISTIC, DST, Govt. of Mizoram and Dept. of Computer Science, GZRSC	MISTIC, DST, Govt. of Mizoram

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL**17. Recognised Research Centre /facility: NIL****18. Number of Faculty as members in****a) University: 3****b) State:****c) Regional:****d) National committees:****e) International Committees:****f) Editorial Board: 2****19. Details of Publications of Faculty:**

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN No

20. Participation of the department in the courses offered by other departments: Nil**21. Courses in collaboration with other universities, industries, foreign institutions, etc:**

1. **Course on Computer Concepts (CCC)** is run Under Student Support Committee in collaboration with Computer Science Department and NIELIT.

2. Certificate Courses from Spoken tutorial IIT Bombay. During the reporting periods, four courses are completed.

22. Extension activities by the department:**23. Library facilities: (Numbers only)****a. Textbooks and Reference Books: 1201****b. Journals:**

c. E-Books and E Journals:

d. Any other:

24. Any other relevant information (reports):

1. Paper Presented by Mr. H Thangkhanhau in 2022 International Conference on Futuristic Technologies (INCOFT), SG Balekundri Institute of Technology, Belagavi and IEEE Bangalore Section, during 25 – 27 November 2022.

E. ANNUAL DEPARTMENT REPORT FOR ELECTRONICS DEPARTMENT

1. Name of department : ELECTRONICS
2. Year of establishment : 2003
3. a) Name of the Head of Department : Dr. Ricky Lalmangaihzuala
b) Phone No (Official) : 9862364797
c) Email : rickyralte@gmail.com
electronicsdept@gzrsc.edu.in

4. Brief Introduction of the Department (maximum 200 words):

The Electronics department has been introduced to keep pace with emerging trends in the field of research and development. Conventional subjects in computer era will not be able to provide sufficient information to the fast-growing technology. Knowing this basic need, the college also put forward a proposal for establishing Electronics department in 2002 to Government of Mizoram. At the same time, requirements were collected and after receiving a green signal, Electronics Department was established in 2003 starting with first year B.Sc. students. The first batch appeared for exam in 2003 under NEHU.

At first the Department was manned by three permanent teachers. However, two of them left the college and joined the Mizoram University as faculty members and since then the department is looked after by one Permanent teacher with two Guest Lecturers. In addition, another temporary faculty left the department and joined as Academic Officer at Mizoram Board of School Education (MBSE) in 2017. On 17th March 2020, a new faculty has joined the department as Assistant Professor under RUSA scheme. In December 2019, a new faculty has joined the department as Casual Asst. Professor.

As per the letter No. MZU/CDC-3/9/20/2480 issued on 10th July 2020; for the first time the department has opened a **core course** for a period of one-year for the time being and is extendable based on performance and circumstances in accordance with the 38th meeting of the Academic Council on 23th June 2020, Vide its Resolution **No. AC: 38:4(14): III (A)**.

Now the department is looked after by five (05) Assistant Professors. Dr. Ricky Lalmangaihzuala took the H.O.D (Head of Department)'s charge on 18th July, 2019 till date.

Type of affiliation: Temporary to MZU.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Dr. Ricky Lalmangaihzuala	Asst. Professor (Contract)	MSc(Physics),Ph.D	Advanced Electronics	14
2.	Dr. PC. Rohmingliana	Asst. Professor (Contract)	MSc(Physics),Ph.D	Computer Application in Physics	10
3.	Reginald H. Vanlalchaka	Asst. Professor (RUSA)	B.E (Electronics & Comm.) M.Tech (Electronics &Comm) UGC-NET (Electronics Sciences)	Electronics Design & Technology	8
4.	Dr. Lalrinmawia Punte	Asst. Professor (RUSA)	MSc(Physics),Ph.D	Advanced Condensed Matter Physics	3
5.	Dr. Lalthanpuui Kiangte	Asst. Professor (Casual)	B.E (Electronics & Comm.), M.Tech (Electronics)	VLSI, Nanoelectronic, Semiconductors	2

			&Comm), Ph.D	Physics, Electronics Devices	
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6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	Regular		RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F	M	F
Professor	0	0	0	0	0	0	0	0	0	0
Associate Professor	0	0	0	0	0	0	0	0	0	0
Assistant Professor	0	0	2	0	2	0	0	1	4	1
Lab Assistant	0	1	0	0	0	0	0	0	0	1
Lab Attendant	0	0	0	0	0	0	0	0	0	0
TOTAL	0	1	2	0	2	0	0	1	4	2

7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
I	EL/I/EC/01	Electronics Instrument and Circuit Analysis	4
	EL/I/EC/02	Laboratory-I	2
II	EL/II/EC/03	Semiconductor Physics	4
	EL/II/EC/04	Laboratory-II	2
III	EL/III/EC/05	Electronic Devices and Amplifier	4
	EL/III/EC/06	Laboratory-III	2
IV	EL/IV/EC/07	Pulse Switching Circuits	4
	EL/IV/EC/08	Laboratory-IV	2
V	EL/V/CC/09	Transmission Line and Radar System	4
	EL/V/CC/10	Analog Circuits and Modulation	4
	EL/V/CC/11	Computer Fundamentals	4
	EL/V/CC/12	Laboratory-V	2
	EL/V/CC/13	Laboratory-VI	2
	EL/V/CC/14	Laboratory-VII	2
	EL/V/CC/15(a) EL/V/CC/15(b)	Optional I (any one) Electronics Instrument Solid State Electronics	4
	EL/V/CC/16	Project – I	2
VI	EL/VI/CC/17	Analog and Digital Electronics	4
	EL/VI/CC/18	Computer Organization and Microprocessor	4
	EL/VI/CC/19	Opto-electronic Devices	4
	EL/VI/CC/20	Laboratory-VIII	2
	EL/VI/CC/21	Laboratory-IX	2
	EL/VI/CC/22	Laboratory-X	2

	EL/VI/CC/23(a)	Optional II (any one) Power Electronic Devices	4
	EL/VI/CC/23(b)		
	EL/VI/CC/24	Project – II	2
Total Credit			72

8. Students Particulars:

Sl.No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester		73	61	12	97.26%
2	II Semester		67	55	12	100%
3	III Semester	27	27	17	10	100%
4	IV Semester	28	28	18	10	100%
5	V Semester	12	12	11	1	100%
6	VI Semester	12	12	11	1	100%

9. Student - Teacher Ratio: 23 : 1

10. Annual Average Attendance Percentage of the Student: 84.32%

11. Study tour conducted under year of report : NIL

12. Awards/Recognitions received by faculty and students under reporting year : NIL

13. Details of Faculty qualified for the Ph.D degree under year of report : NIL

14. Paper presented/chaired sessions / attended in seminars / conferences / workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/Orientation course/others: (2021-2022)

Sl. No	Name of Faculty	Course/Title	Organised by	Duration/Date	Level
1	Dr. Ricky Lalhmangaihzuala	Virtual Conference on 'Living with Ecological Prosperity: Life Style, Economy, Environment and Sustainability'	Department of Environmental Studies, P.G.D.A.V. College, University of Delhi, Delhi, India	10 & 11 July, 2021	International
		Webinar Fa- Eira a side event of United Nations Framework Convention on Climate Change's	ECOR Foundation, India	16 July, 2021	International
		National Symposium on "Endearing Plant Diversity of Coastal & Tellurian Land"	Department of Botany, SVKM'S Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College of	24 July, 2021	National

	Commerce & Economics, Mumbai		
Webinar on “COVID-Human Brain Challenges”	Mizoram University and INDICASAT-AIP, Republic of Panama	30 July 2021	International
Special Summer School (Refresher Course)	HRDC, Mizoram University	20 July - 02 August, 2021	
National Web-Seminar on "Recent Trends in Libraries and Research"	Department of Library and Internal Quality Assurance Cell in association with Public Library, Malkapur	01 August, 2021	National
Department of Library and Internal Quality Assurance Cell in association with Public Library, Malkapur	Department of Botany, Microbiology and Biotechnology, NES's Science College	01 August, 2021	National
Webinar on ‘National Deworming Day’	Department of Veterinary Parasitology, College of Veterinary Sciences and Animal Husbandry, Central Agricultural University (Imphal), Selesih, Aizawl, Mizoram	10 August, 2021	National
Webinar on ‘Science in Everyday Life’	Dept. of Physics, Mathematics and Chemistry, Govt. Serchhip College.	19 & 20 August, 2021	National
Webinar on ‘Introduction to Altmetrics’	Dept. of Library & Information Science, MZU	14 September, 2021	National
Webinar on ‘Current Knowledge on Airborne Transmission of Covid-19’	Dept. of Botany, and Zoology, Govt. Serchhip College.	18 September, 2021	National
Online Workshop on ‘Intellectual Property Rights (IPR)’	School of life Sc, Dept. of Zoology and Research Commt., IQAC MooljiJaitha College	22 September, 2021	National
Virtual National Conference on ‘New Trends in Biodiversity’	Dept. of Botany and Zoology with IQAC and CotI, NKSM College.	30 September, 2021	National
Webinar on “Energy, Sustainability and New Materials”	Department of Physics & Electronic Science in collaboration with IQAC, S.M.Joshi College Hadapsar, Pune	5 October, 2021	International
Webinar on “Wildlife Conservation 2021”	Department of Zoology, RB Narayan RaoBorawake College, Shirampur	8 October, 2021	National
Seminar on “Advances in Plant Science”	Department of Botany and IQAC, Dada Patil Mahavidyalaya, Karjat	13 October, 2021	National

		Workshop on "Dare to dream- Women in Tech"	Women Entrepreneurship Day Organization (WEDO) and Mizoram University	14 October, 2021	International
		Webinar on 'Current Knowledge on Airborne Transmission of Covid-19'	Dept. of Zoology, Govt. Serchhip College, Mizoram	5 October, 2021	National
		Webinar on "NEP: Holistic and Multidisciplinary Education"	MZU NEP Task Force Committee	07.12.2021	
		Meeting on "Sensitization on Curriculum Design under NEP 2020"	MZU NEP Task Force Committee	08.12.2021	
		Webinar on "Orientation Program for Development of Syllabus for UG courses offered by Mizoram University"	MZU NEP Task Force Committee	14.12.2021	
		National Webinar on 'Contemporary Technology for future Nano-FETs'	Department of Electronics and Research & Seminar Committee, GZRSC	16.12.2021	National
		IP Awareness/Training program	Intellectual Property Office, India	One Day (14.1.2022)	National
		National Webinar on 'Discovery of the small Organic molecules and it's Patenting'	Dept. of Chemistry in collaboration with IMMT, Bhubaneswar	One Day (26.2.2022)	National
2	Dr. PC. Rohmingliana	Attended Faculty Improvement Programme on "Research Methodology".	Perna College of Commerce, Nagpur, Maharashtra.	10 Days 1 st – 10 th July, 2021	National
		Series of Webinar on "Execution of National Education Policy 2020 in Pandemic Panorama: Opportunities and Challenges – Impact of NEP on Private and Self-Finance Institutions".	IQAC, Christian Eminent College, Indore in association with IQAC, Smt. K.G. Mittal College of Arts and Commerce, Mumbai.	1 Day 2 nd July, 2021	National
		Webinar on "Advanced Wastewater Treatment Technique".	Dept. of Civil Engineering, The Oxford College of Engineering, Bangalore.	1 Day 2 nd July, 2021	National
		Webinar on "Plastic Waste and its Management".	St. Francis De Sales College, Nagpur.	1 Day 3 rd July, 2021	National
		Workshop on "Creation of Research ID's".	PG and Research Dept. of Commerce in association with Patrician Research Committee, Patrician College of Arts and	1 Day 3 rd July, 2021	National

		Science.		
	Webinar on “ <i>Mental Wellbeing during CoVID 19</i> ”.	Dept. of Education, Annamalai University in association with MIOT Hospital, Chennai.	1 Day 6 th July, 2021	National
	Virual Conference on “ <i>Living with Ecological Prosperity: Life Style, Economy, Environment and Sustainability</i> ”.	Dept. of Environmental Studies, P.G.D.A.V. College, university of Delhi in collaboration with Dept. of Botany, MohanlalSukhadia University, Udaipur, Rajasthan & Young Social Scientists Association of India.	2 Days 10 th & 11 th July, 2021.	Internationa 1
	Webinar on “ <i>Vedic Mathematics: Rapid Maths</i> ”.	Dept. of Mathematics and Statistics, Christian Eminent College, Indore & Govt. Nirbhay Singh Patel Science College, Indore.	1 Day 14 th July, 2021	National
	Workshop on “ <i>Intellectual Property Rights & Its Management</i> ”.	Indian Chamber of Commerce and Mizoram University Innovation Cell, Mizoram University.	1 Day 16 th July, 2021	National
	Webinar on “ <i>Glances of Biodiversity of Western Ghats</i> ”.	Botany Dept. & IQAC of Dapoli Education Society’s Dapoli Urban Bank Senior Science College, Dapoli-Ratnagiri (Maharashtra).	1 Day 17 th July, 2021	National
	Webinar Series on “ <i>Research Metrics & Measurement to Entrance Research Visibility</i> ”. “ <i>Literature Review</i> ”. “ <i>Journal Selection & Publication</i> ”.	Research & Development Cell, G.T. N. Arts College, Dindigulin collaboration with ESN Publishers.	1 Day 18 th July, 2021	National
	Webinar Series on “ <i>Author Profile Management Systems</i> ”. “ <i>Tips on Avoiding Plagiarism & Mechanism of Plagiarism Software</i> ”. “ <i>Writing Research Paper</i> ”.	Research & Development Cell, G.T. N. Arts College, Dindigul in collaboration with ESN Publishers.	1 Day 19 th July, 2021	National
	Faculty Development Programmeon “ <i>Green Technology & Sustainable Development</i> ”.	Civil Engineering Department, Raj Kumar Goel Institute of Technology, Ghaziabad.	5 Days 19 th – 23 rd July, 2021	National
	Faculty Development Programmeon “ <i>Recent Trends in Information</i> ”.	Dept. of Computer Applications (Shift - II), Patrician College of Arts	7 Days 19 th – 25 th July, 2021	Internationa 1

	<i>Technology & Its Applications</i> ".	and Science, Adyar, Chennai-20.		
	Special Summer School (online) equivalent to One Orientation Programme/Refresher Course.	UGC HRDC, Mizoram University.	14 Days 20 th July – 2 nd August, 2021	National
	Online Training Programme on " <i>Thunderstorms and Lightning</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with India Meteorological Department (IMD).	1 Day 20 th July, 2021	National
	Webinar Series on " <i>Publication Ethics</i> ". " <i>Strategies for Writing Good Quality Thesis</i> ". " <i>Reference Management Scientific Software for Citation and Bibliography</i> ". " <i>Transdisciplinary Research Approaches</i> ".	Research & Development Cell, G.T. N. Arts College, Dindigul in collaboration with ESN Publishers.	1 Day 21 st July, 2021	National
	Webinar on " <i>Futuristic Materials for Energy Storage Devices</i> ".	Dept. of Physics and IQAC, K.M.C. College, Khopoli.	1 Day 22 nd July, 2021	National
	Online Training Programme on " <i>Impact of Climate Change and Sustainable Development Goals</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with JSS Academy of Higher Education and Research, Mysuru.	1 Day 22 nd July, 2021	National
	Online Training Programme on " <i>Sustainable Hill Area Development</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dept. of Geography, Iswar Chandra Vidyasagar College, Belonia, Tripura.	1 Day 22 nd July, 2021	National
	Workshop on " <i>Survey Methods in Communication Research</i> ".	IQAC and the PG Dept. of Journalism and Communication.	1 Day 23 rd July, 2021	National
	Symposium on " <i>Endearing Plant Diversity of Coastal & Tellurian Land</i> ".	Dept. of Botany, SVKM'S Mithibai Collage of Arts, Chauhan Institute of Science & Amrutben Jivanlal	1 Day 24 th July, 2021	National

		College of Commerce & Economics, Mumbai.		
	Webinar on <i>“Role of Information Technology Amid CoVID-19 Pandemic”</i> .	IQAC Cell & Dept. of Computer Science of Pt. HarishankarShukla Memorial Collge, Raipur (C.G).	1 Day 24 th July, 2021	National
	Workshop on <i>“Discourse Analysis in Communication Research”</i> .	IQAC and the PG Dept. of Journalism and Communication.	1 Day 26 th July, 2021	National
	Webinar on <i>“COVID – Human Brain Challenges”</i> .	Mizoram University.	1 Day 30 th July, 2021	National
	Web-Seminar on <i>“Recent Trends in Libraries and Research”</i> .	Dept. of Library and IQAC, Prof. Dr. N.D. PatilMahavidhyalaya, Malkapur-Perid in association with Public Library, Malkapur.	1 Day 1 st August, 2021	National
	Dr. K.S. Deshpande Memorial Virtual Lecture Series	Dept. of Botany, Microbiology and Biotechnology, NES’s Science College, Nanded.	1 Day 1 st August, 2021	National
	Webinar on <i>“CoVID-19 Divyang Children and Challenges of Learning”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with MBCN The PontyChadha Foundation UNICEF.	1 Day 3 rd August, 2021	National
	Webinar on <i>“Heatwave Preparedness and Response”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with India Meteorological Department (IMD).	1 Day 3 rd August, 2021	National
	Webinar on <i>“Thunderstorm and Lightning Safety of Women and Children”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Federation of Indian Chambers of Commerce and Industry and G.T.N. Arts College (Autonomous), Dindigul.	1 Day 4 th August, 2021	National
	Webinar on <i>“Role of Artificial Intelligence for Disaster Risk Reduction”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in	1 Day 5 th August, 2021	National

		collaboration with Aga Khan Agency Habitate.		
	Workshop on “ <i>Focus Group Discussion in Communication Research</i> ”.	IQAC and the PG Dept. of Journalism and Communication.	1 Day 5 th August, 2021	National
	Webinar on “ <i>Role of Youth in Disaster Management</i> ”.	Webinar on “ <i>Role of Youth in Disaster Management</i> ”.	1 Day 6 th August, 2021	National
	Webinar on “ <i>National Deworming Day</i> ”.	Dept. of Veterinary Parasitology, College of Veterinary Sciences and Animal Husbandry, Central Agricultural University (Imphal), Selesih, Aizawl in association with NSS Unit of the College.	1 Day 10 th August, 2021	National
	Workshop on “ <i>Semiotic Analysis in Communication Research</i> ”.	IQAC and the PG Dept. of Journalism and Communication.	1 Day 10 th August, 2021	National
	Webinar on “ <i>Research Article Writing</i> ”.	Dept. of Commerce and Business Management in association with IQAC, Vaagdevi Degree and P.G. College, Kishanpura, Hanamkonda, Warangal.	1 Day 11 th August, 2021	National
	Workshop on “ <i>Fundamentals of Communication Research</i> ”.	IQAC and the PG Dept. of Journalism and Communication.	1 Day 11 th August, 2021	National
	Webinar on “ <i>Covid-19 Psychological Impact of School Closures on Early Childhood</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with YWCA of Delhi.	1 Day 13 th August, 2021	National
	Webinar on “ <i>Youth Physical and Mental Well Being during Disaster</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Rajiv Gandhi National Institute of Youth Development, ministry of Youth Affairs & Sports, Govt. of India.	1 Day 13 th August, 2021	National
	Workshop on “ <i>Review of Literature in Communication Research</i> ”.	IQAC and the PG Dept. of Journalism and Communication.	1 Day 14 th August, 2021	National
	Webinar on “ <i>Western</i> ”	Dept. of Botany in	1 Day	National

	<i>Ghats – Treasure of Medicinal Plants</i>	association of IQAC, KLE Society's Raja Lakhamagouda Science Institute (Autonomous), Belagavi.	19 th August, 2021	
	Seminar on <i>"Innovation and Opportunities in Marine Bioresources & Biotechnology"</i> .	Marine Biotechnology Laboratory, Dept. of Botany, University of Delhi & Cluster Innovation Centre (CIC), University of Delhi.	1 Day 21 st August, 2021	National
	Workshop on <i>"Covid19 Children A Rural Perspective"</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Child Right and You.	1 Day 2 nd Sep, 2021.	National
	Webinar on <i>"Selection of Operating Parameters in Abrasive Waterjet Machining Technology"</i> .	Dept. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 Day 3 rd Sep, 2021.	International
	Webinar on <i>"Natural Resources and Environment Management in Rural Areas in Current Pandemic"</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Foundation for Ecological Security.	1 Day 10 th Sep, 2021.	National
	Webinar on <i>"Earthquake Risk Mitigation Challenges and Opportunities"</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with All India Disaster Mitigation Institute.	1 Day 10 th Sep, 2021.	National
	Webinar on <i>"Building Resilience Traditional Culture and Arts"</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 10 th Sep, 2021.	National
	Webinar on <i>"Career Opportunities in IPR"</i> .	Nanded Education Society's Science College, Nanded.	1 Day 11 th Sep, 2021.	National
	Webinar on <i>"Introduction to Almetrics"</i> .	Dept. of Library & Information Science, MZU.	1 Day 14 th Sep, 2021.	National
	Online Training Programme on <i>"New Normal Life Style and Youth in Disaster Management"</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Bharat Institute of Higher Education and Research, Chennai.	1 Day 14 th Sep, 2021.	National
	Workshop on	IQAC and PG Dept. of	1 Day	National

		<i>“Communication Studies and Feminism: Theory, Practice and Social Relevance”</i> .	Journalism and Communication, ShriShankarlal Sundarbai Jain College for Women.	15 th Sep, 2021.	
		Webinar on <i>“Judicial Activism and Sustainable Environment”</i> .	Dept. of Environmental Science, AjaryaNagarjuna University.	1 Day 16 th Sep, 2021.	National
		Webinar on <i>“Community Based Disaster Risk Management”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with District Disaster Management Authority, Kullu.	1 Day 17 th Sep, 2021.	National
		Webinar on <i>“Community Based Disaster Management”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Dept. of Social Work, Pondicherry University.	1 Day 17 th Sep, 2021.	National
		Webinar on <i>“Building Community Resilience in the Context of Disasters in Assam”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Lutheran World Service India Trust.	1 Day 17 th Sep, 2021.	National
		Online Elementary Faculty Development Programme on <i>“Sustainable Development through Bamboos”</i> .	AICTE Training and Learning (ATAL) Academy.	5 Days 17 th – 21 st Sep, 2021.	National
		Webinar on <i>“Current Knowledge on Airborne Transmission of Covid - 19”</i> .	Dept. of Botany & Dept. of Zoology, Govt. Serchhip College.	1 Day 18 th Sep, 2021.	National
		Webinar on <i>“Intellectual Property Rights”</i> .	ShriShankaracharya Mahavidyalaya, Junwani, Bhilai (Chhattishgarh).	1 Day 21 st Sep, 2021.	National
		Workshop on <i>“Intellectual Property Rights (IPR)”</i> .	Dept. of Zoology and Research Committee, IQAC, MooljiJaitha College.	1 Day 22 nd Sep, 2021.	National
		Workshop on <i>“Gender, Space and Communication”</i>	IQAC and PG Dept. of Journalism and Communication, ShriShankarlalSundarbai	1 Day 23 rd Sep, 2021.	National
		Webinar on <i>“Understanding and</i>	National Institute of Disaster Management,	1 Day 23 rd Sep, 2021.	National

	<i>Mitigating Disaster Risk in Himachal Pradesh</i>	Ministry of Home Affairs, Govt. of India in collaboration with Himachal Pradesh State Disaster Management Authority.		
	E-Conference on <i>“Advances in Nano Technology [ANT-2021]”</i> .	Dept. of Physics & Electronics, Vaagdevi Degree and PG College	2 Days 24 th & 25 th Sep, 2021.	International 1
	Webinar on <i>“Emergency Operation Centre”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Harish Chandra Mathur Rajasthan State Institute of Public Administration.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Disaster Management Plan”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Integrated Centre for Disaster Management Tamil Nadu.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Disaster and Climate Resilient Livelihoods”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Revisiting the Cyclone Risk Management During Pandemic”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Tourism for Sustainable Development and DRR”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Himachal Pradesh State Disaster Management Authority.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Indoor Air Pollution and its effect on Women and Children Health in India”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with WRI India.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Earthquake Resilient Hospital Infrastructure”</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Govt. of Tripura.	1 Day 27 th Sep, 2021.	National
	Webinar on <i>“Resilience”</i>	National Institute of	1 Day	National

	<i>with Green Growth The Fuel of Future</i> ".	Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with University Institute of Technology, Himachal Pradesh University.	27 th Sep, 2021.	
	Webinar on <i>"LASERs as a Tool in Advance Technology & Research and Theory of Everything"</i> .	Dept. of Physics, Mathematics and Computer Science, JijamataMahavidyalaya, Buldana&ShriShivaji College, Chikhali.	1 Day 29 th Sep, 2021.	National
	Virtual Conference on <i>"New Trends in Biodiversity"</i> .	Dept. of Botany and Dept. of Zoology, Narayanrao Kale Smruti Model College.	1 Day 30 th Sep, 2021.	National
	SSE-Expert Talk on <i>"Next Generation High Energy Radiation Shielding Materials"</i> .	Dept. of Micro and Nanoelectronics, Institute of Science and Humanities, SSE, SIMATS, Thandalam, Tamil Nadu.	1 Day 30 th Sep, 2021.	National
	E- Awareness Programme on <i>"Wild Life Conservation in India: The Changing Paradigm"</i> .	Zoology & Biotechnology Department, Govt. Girls' P.G. College, Ujjain (M.P.)	7 Days 2 nd – 8 th Oct., 2021	National
	Workshop on <i>"Tuning into the Radio Still? Climate Change and Role of Mass Communication Technologies"</i> .	IQAC and PG Dept. of Journalism and Communication.	1 Day 4 th Oct., 2021.	National
	Webinar on <i>"Energy, Sustainability and New Materials"</i> .	Dept. of Physics & Electronic Science, S.M. Joshi College, Hadapsar, Pune-28.	1 Day 5 th Oct., 2021.	International
	Webinar on <i>"Additive Manufacturing in Industry 4.0"</i> .	Dept. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 Day 13 th Oct., 2021.	National
	Online Seminar on <i>"Advances in Plant Science"</i> .	Dept. of Botany & IQAC, Dada PatilMahavidyalaya, Karjat Dist., Ahmednagar.	1 Day 13 th Oct., 2021.	National
	Online Seminar on <i>"Climate Change and Disasters – Vulnerability and Mitigation Strategies"</i> .	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with ChaudharyBansiLal University.	1 Day 13 th Oct., 2021.	National
	Webinar on <i>"International</i>	National Institute of	1 Day	National

	<i>Day for Disaster Risk Reduction 2021</i> ".	Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with School of Sciences, Indira Gandhi National Open University (IGNOU).	13 th Oct., 2021.	
	Online Training Programme on " <i>Resilience Sustainable Development Goals SDGs Cultural Heritage</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 13 th Oct., 2021.	National
	Webinar on " <i>Intellectual Property Rights: National and International Perspective</i> ".	Dept. of Economics, Karmaveer Ramraoji Aher Arts, Science and Commerce College Deola, Dist – Nashik, Maharashtra.	1 Day 14 th Oct., 2021.	International
	Webinar on " <i>Psycho-Social Preparedness of Children after Covid-19 Pandemic- A Grass Root Level Case Study</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with DDMA, Sirmour.	1 Day 18 th Oct., 2021.	National
	Webinar on " <i>Protecting Children from Vector Borne Disease</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Manipur University.	1 Day 20 th Oct., 2021.	National
	Webinar on " <i>Two Wheeler Road Safety</i> ".	United Way, Mumbai.	1 Day Oct., 2021.	National
	Webinar on " <i>Community Resilience Building for Climate Change Adaptation</i> ".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Hindustan College of Arts and Science.	1 Day 21 st Oct., 2021.	National
	Webinar on " <i>Composite Materials</i> ".	Dept. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 Day 28 th Oct., 2021.	National
	Workshop on " <i>Opportunities and Challenges of Digital PR</i> ".	IQAC and PG Dept. of Journalism and Communication.	1 Day 20 th Oct., 2021.	National
	Webinar on " <i>Gateway to Prime Minister's research Fellows (PMRF)</i> ".	Dept. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 Day 2 nd November, 2021.	National
	Webinar on " <i>Revolution of Semiconducting Devices</i> ".	Depts. of Physics, School of Basic and	1 Day 13 th November,	National

	<i>and their Future Prospective</i> ".	Applied Sciences, Harcourt Butler Technical university, Kanpur.	2021.	
	Workshop on <i>"Policy Analysis and Communication"</i> .	IQAC and PG Dept. of Journalism and Communication.	1 Day 19 th November, 2021.	National
	Workshop on <i>"M-Health Research – An Overview"</i> .	IQAC and PG Dept. of Journalism and Communication.	1 Day 24 th November, 2021.	National
	IQAC and PG Dept. of Journalism and Communication.	BhairavnathShikshanMa ndal'sBhairavnathVidny anMahavidhyalaya, Khutbav-412203, Pune.	1 Day 6 th December, 2021.	State
	Organising Member in Webinar on <i>"Contemporary Technology for Future Nano-FETs"</i> .	Dept. of Electronics & Research and Seminar Committee, GZRSC.	1 Day 16 th December, 2021.	National
	Workshop on <i>"Sampling Design"</i> .	IQAC and the PG Dept. of Journalism and Communication, ShriShankarlalSundarbai Jain College for Women.	1 Day 22 nd December, 2021.	National
	Seminar on <i>"International Day for the Preservation of Ozone Layer"</i> .	Geo Crusaders: The Environmental Society, P.G.D.A.V College and Dept. of Environmental Studies, P.G.D.A.V College.	1 Day 16 th September, 2021.	National
	Webinar on <i>"NEP 2020: Holistic and Multidisciplinary Education"</i> .	Mizoram University, Aizawl, Mizoran.	1 Day 7 th December, 2021.	National
	Webinar on <i>"IP Awareness/Training Programme under National Intellectual Property Awareness Mission"</i> .	Intellectual Property Office, India.	1 Day 14 th January, 2022	National
	Webinar on <i>"Research Methodology"</i> .	Faculty Development Cell & Research Cell, Barns College of Arts, Science & Commerce, Panvel.	1 Day 21 st January, 2022	National
	Faculty Development Programme (FDP) on <i>"The New U – for Happy Living (Personality Transformation)"</i> .	Dept. of Commerce (General) Association with IQAC, JP College of Arts & Science, AAyikudi, Tenkasi Dist., Tamil Nadu.	1 Day 22 nd January, 2022	National
	Workshop on <i>"ICT Tools used for Online Teaching Learning"</i> .	IQAC and the PG Dept. of Journalism and Communication,	1 Day 24 th January, 2022.	National

		ShriShankarlalSundarbai Jain College for Women.		
	Webinar on “ <i>Intellectual Property Rights: Issues and Challenges</i> ”.	Dept. of Physics, School of Basic Sciences, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Pallavaram, Chennai – 117.	1 Day 24 th January, 2022.	National
	Webinar on “ <i>Strategy for Managing Personal Finance</i> ”.	Rani Channamma University, Belagavi, PG Dept. of Studies and research in Commerce And Association of Mutual Funds India.	1 Day 25 th January, 2022.	National
	Webinar on “ <i>Friction Welding and Allied Processes</i> ”.	Dept. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 Day 27 th January, 2022.	National
	Webinar on “ <i>Personal Finance Support and Wealth Creation for Start Ups – A Roadmap</i> ”.	Dept. of Commerce, Annamalai University, Annamalai Nagar, Chidambaram, tamil Nadu.	1 Day 31 st January, 2022.	National
	Webinar on “ <i>IP Awareness/Training Programme under National Intellectual Property Awareness Mission</i> ”.	Intellectual Property Office, India.	1 Day 1 st February, 2022.	National
	Webinar on “ <i>Insights on Funding Opportunities and Research Proposals</i> ”.	Dept. of Computer Science and Engineering, SRM TRP Engineering College, Tamil Nadu.	1 Day 2 nd February, 2022.	National
	Faculty Development Programme (FDP) on “ <i>Radiation Effects on Polymers and Advances in Organic Optoelectronic Devices</i> ”.	Viswambhara Educational Society VAAGDEVI College of Engineering.	2 Days 2 nd & 3 rd February, 2022	National
	Workshop on “ <i>Colour Psychology in Stanley Kubrick Movies</i> ”.	IQAC and the PG Dept. of Journalism and Communication, ShriShankarlalSundarbai Jain College for Women.	1 Day 3 rd February, 2022.	National
	Webinar on “ <i>Intellectual Property Rights (IRP) in Higher Education</i> ”.	SIES (Nerul) College of Arts, Science & Commerce, IQAC, Dept. of Commerce, Dept. of Economics & Dept. of Banking and Insurance and Indian Patent and Trademark Office, Mumbai, National	1 Day 4 th February, 2022.	National

		Intellectual Property Awareness Mission (NIPM), Govt. of India.		
	Webinar on “ <i>Disaster and Communities Vulnerability, Resilience and Preparedness and Exploration of the Role of Heritage</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with DHARINNI Ecology & Heritage Conservation Trust Kottayam.	1 Day 4 th February, 2022.	National
	Webinar on “ <i>Strategy for Personal Finance Management</i> ”.	Dept. of Mechanical Engineering, S.V.P. Engineering College, Visakhapatnam.	1 Day 7 th February, 2022.	National
	Workshop on “ <i>Introduction to Research on Media and Human Behaviour</i> ”.	IQAC and the PG Dept. of Journalism and Communication, ShriShankarlalSundarbai Jain College for Women.	1 Day 8 th February, 2022.	National
	Faculty Development Programme (FDP) on “ <i>Research Methodology</i> ”.	IQAC, Esplanade Education Society’s NiranjanaMajithia College of Commerce.	3 Days 10 th – 12 th February, 2022	National
	Webinar on “ <i>Plastic Waste Management</i> ”.	Dept. of Science in coordination with DLLE and NSS, Sainath Education Trust’s Rajiv Gandhi College of Arts, Commerce and Science.	1 Day 12 th February, 2022.	Intercollegiate
	One Week Webinar on “ <i>Science in the 21st Century</i> ”.	Science Depts. of Serchhip College, Mizoram.	7 Days 12 th – 18 th February, 2022.	International
	Workshop on “ <i>Financial Empowerment through Wealth Creation</i> ”.	Dept. of Management (MBA), MAIT, Delhi.	1 Day 16 th February, 2022.	National
	One Week Faculty Development Programme (FDP) on “ <i>Implementation of NEP 2020 in Higher Education</i> ”.	RKDF University, Bhopal (MP).	6 Days 17 th – 22 nd February, 2022	National
	Webinar on “ <i>Social Infrastructure Health, Education and Housing Sectors</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 17 th February, 2022.	National
	Webinar on “ <i>Role of Electronics and Telecommunications in Disaster Management</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Centre for Applied Research in Electronics, IIT Delhi.	1 Day 18 th February, 2022.	National
	Webinar on “ <i>Hazard</i> ”.	National Institute of	1 Day	National

		<i>Assessment Mechanics Prediction and Countermeasures for Riverine Environment</i> ".	Disaster Management, Ministry of Home Affairs, Govt. of India.	18 th February, 2022.	
		Webinar on "IP Awareness/Training Programme under National Intellectual Property Awareness Mission".	Intellectual Property Office, India.	1 Day 22 nd February, 2022.	National
		Webinar on "Disaster Management Vision 2047".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 24 th February, 2022.	National
		Webinar on "Essential Skills for Research Writing & Publishing: Special reference to IPR".	J. WatumullSadhubella Girls College Ulhasnagar-421001.	1 Day 24 th February, 2022.	International
		Webinar on "Intellectual Property Rights".	Dept. of Computer Science & Engineering and Institution Innovation Council (IIC) of Shri Vishnu Engineering College for Women (A).	1 Day 26 th February, 2022.	National
		Symposium on "Interdisciplinary in Education".	International Council for Education, Research and Training (ICERT), Baba Mastnath University, Rohtak, India.	1 Day 26 th February, 2022.	International
		Webinar on "Discovery of the Small Organic Molecules and its Patenting".	Dept. of Chemistry in collaboration with IMMT, Bhubaneswar.	1 Day 26 th February, 2022.	National
		Workshop on "Intellectual Property Rights under National Intellectual Property Awareness Mission".	IQAC, Dada PatilMahavidyalaya, Karjat, Dist: Ahmednagar, Maharashtra.	1 Day 28 th February, 2022.	National
		Webinar on "IP Awareness/Training Program under National Intellectual Property Awareness Mission".	Intellectual Property Office, India.	1 Day 4 th February, 2022.	National
		Webinar on "IP Awareness/Training Program under National Intellectual Property Awareness Mission".	Intellectual Property Office, India.	1 Day 17 th February, 2022.	National
		Webinar on "Disaster-Induced Internal Displacement Issues and Opportunities".	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Jindal	1 Day 28 th February, 2022.	National

		School of Environment and Sustainability OP Jindal Global University.		
	Webinar on “ <i>Solar Energy as Renewable Energy and Sustainable Future</i> ”.	Dept. of Chemistry & IQAC of Sainath Education Trust’s Rajiv Gandhi College of Arts, Commerce and Science in collaboration with Indian Chemical Society (Mumbai Branch).	1 Day 2 nd March, 2022	National
	Webinar on “ <i>Intellectual Property Rights: Bird’s Eye View</i> ”.	The Central Library, Govt. DSV Sanskrit PG College, Raipur, Chhattisgarh.	1 Day 2 nd March, 2022.	National
	Webinar on “ <i>IP Awareness/Training Program under National Intellectual Property Awareness Mission</i> ”.	Intellectual Property Office, India.	1 Day 8 th March, 2022.	National
	One Week Online Faculty Development Program (FDP) on “ <i>Research Quality, Teaching Learning and Evaluation</i> ”.	Govt. Motilal Vigyan Mahavidyalaya, Bhopal (M.P.).	7 Days 10 th – 16 th March, 2022	National
	Webinar on “ <i>Intellectual Property Rights</i> ”.	Depts. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 Day 25 th March, 2022.	National
	e-Training Program on “ <i>Technologies in Disaster Management</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with SRM Institute of Science and Technology, Chennai.	3 Days 28 th – 30 th March, 2022	National
	Webinar on “ <i>Financial Empowerment Through Wealth Creation</i> ”.	Dept. of Economics and Publication & Research Consultancy Cell, IQAC, S.K. Roy College, Hailakandi, Assam, India in collaboration with Association of Mutual Funds in India (AMFI).	1 Day 28 th March, 2022.	National
	Awareness Webinar Series on “ <i>Challenges and Opportunities for Science Students in Space</i> ”.	2 Days 4 th & 5 th April, 2022.	2 Days 4 th & 5 th April, 2022.	National
	Virtual Faculty Development Program (FDP) on “ <i>Pedagogical Transition in Higher Education – A Paradigm Shift</i> ”.	IQAC of Sri Aurobindo College.	6 Days 18 th – 23 rd April, 2022	National

	Awareness Programme on “ <i>Password Protection</i> ”.	Bell Institute of Hotel Management & Catering Technology, Sivakasi.	1 Day 9 th May, 2022	International 1
	Webinar on “ <i>Paradigm Shift in Role and Responsibility of Family in Changing Scenario</i> ”.	A.N.D. Teacher’s Training (P.G.), Sitapur.	1 Day 15 th May, 2022.	National
	Webinar on “ <i>Mutual Funds – A Tool of Prosperity</i> ”.	Faculty of Business Studies, Dept. of MBA (Women), Shambasva University, Kalaburagi, Karnataka in collaboration with Association of Mutual Funds in India (AMFI).	1 Day 20 th May, 2022	National
	Webinar on “ <i>Heat Waves and Drought in Disaster Risk Reduction</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with District Disaster Management Authority.	1 Day 27 th May, 2022.	National
	Webinar on “ <i>Technology for Disaster Resilient Agriculture</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with GNS University, Bihar.	1 Day 30 th May, 2022.	National
	Webinar on “ <i>Heat Wave Risk Management</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 31 st May, 2022.	National
	Webinar on “ <i>Research Methodology</i> ”.	Dept. of Collegiate Education, Govt. First Grade College, Hungund, Karnataka.	1 Day 5 th June, 2022.	National
	Awareness Programme on “ <i>Blood Donation</i> ”.	Dept. of Computer Science, Bell Institute of Hotel Management & Catering Technology, Sivakasi.	1 Day 11 th June, 2022	International 1
	Webinar on “ <i>Hydrological Resilience Towards Agriculture and Food Security</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 28 th June, 2022.	National
	Webinar on “ <i>Geo-spatial Technology for Landslide Risk Reduction and Resilience</i> ”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India.	1 Day 30 th June, 2022.	National

3	Reginald H. Vanlalchaka	Organising Member in Webinar on “Contemporary Technology for Future Nano-FETs”.	Dept. of Electronics & Research and Seminar Committee, GZRSC.	1 Day 16 th December, 2021.	National
4	Dr. Lairinmawia Punte	“COVID-Human Brain Challenges”	Mizoram University and INDICASAT-AIP, Republic of Panama	1 Day 30 th July, 2021	International
		Special Summer School (Online) equivalent to one Orientation Programme/Refresher Course	Mizoram University	14 Days 20 th July – 2 nd August, 2021	National
		“Science in Everyday Life”	Govt. Serchhip College	2 Days	National
		Webinar on “NEP 2020: Holistic and Multidisciplinary Education”.	Mizoram University, Aizawl, Mizoran.	1 Day 7 th December, 2021.	National
		Sensitization on Curriculum Design under NEP 2020	MZU	8/12/2021	UG-MZU
		Orientation Program for Development of Syllabus for UG courses offered by Mizoram University	MZU	14/12/2021	UG-MZU
		Organising Member in Webinar on “Contemporary Technology for Future Nano-FETs”.	Dept. of Electronics & Research and Seminar Committee, GZRSC.	1 Day 16 th December, 2021.	National
		Workshop	IASE	21-25/02/2022	National
		Webinar	GSC	12-18/02/2022	International
		Resource Person in Seminar on National Science Day 2022	Dept. of Electronics, GZRSC & MISTIC	28/02/2022	College
5	Dr. Lalthanpuui Khiangte	Adaptive EMC Design for Wide Bandgap Power Converters in Aviation Application presented by Dr. Cong Li	IEEE Power Electronics Society & IEEE Transportation Electrification Community	1 Day 21 st July, 2021	International webinar
		2021 IEEE International Workshop on Optimization and Intelligence in Electronics Engineering Applications	Department of ECE, NIT Silchar, India	5 Days; 26 - 30 th July 2021	International Workshop
		"Wireless power Transfer-The Invisible Truth"	IEEE Transportation Electrification	1 Day; 22 nd Sept.,	International webinar

	moderated by Dr. Sheldon Williamson	Community	2021	
	Session Coordinator and Reviewer on Conference on Computational Techniques and Applications		2 Days; 9-10 th Oct., 2021	International
	Coordinator in Webinar on “Contemporary Technology for Future Nano-FETs”.	Dept. of Electronics & Research and Seminar Committee, GZRSC.	1 Day 16 th December, 2021.	National
	Online Faculty Development Programme on “Effective Teaching of Environmental Studies”	Department of Environmental Science, Pachhunga University College	7 Days; 24 th Jan to 30 th Jan 2022	National
	The Rise of Wireless Power presented by Sanjay Gupta & Cesar Johnston	IEEE Power Electronics Society	1 Day; 24 th February, 2022	International webinar

15. Details of conference/Seminar organized by the department (2021-2022):

Sl.No	Topic	Funded by	Collaborations
1	Contemporary Technology for Future Nano-FETs on 16 th December, 2021.	Research and Seminar Committee, GZRSC	Research and Seminar Committee, GZRSC
2	Seminar on National Science Day 2022 on 28 th February, 2022.	MISTIC, Govt. of Mizoram	MISTIC, Govt. of Mizoram

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : NIL

17. Recognized Research Centre /facility: NIL

18. Number of Faculty as members in

- a) University : 1
- b) State : 2
- c) Regional : 5
- d) National committees : 2
- e) International Committees : NIL
- f) Editorial Board : NIL

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
	NIL				

20. Participation of the department in the courses offered by other departments: NIL

21. Courses in collaboration with other universities, industries, foreign institutions, etc: NIL

22. Extension activities by the department:

During the reporting period, the department could not have extension activities due to COVID-19 pandemic.

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books	:	512
b. Journals	:	1
c. E-Books and E Journals	:	NIL
d. Any other	:	NIL

24. Any other relevant information (reports):

Name	Sl. No.	Particulars
Dr. Ricky Lalhmangaihzuala	1	Attended at the "Sensitization Programme on NAAC Peer Team Visit (Interactive Session with Dr. Tawnenga, Ex-Principal, PUC)" on 11 th November, 2021 at College Auditorium, GZRSC.
	2	Attended at the "Meeting of all Committees/Cells for the coming NAAC Peer Team Visit" held on 23 rd November, 2021.
	3	Attended and presented a power point presentation at the "Meeting of all Head of Departments, Department Coordinators and IQAC members for the coming NAAC Peer Team Visit" held on 30 th November, 2021.
Dr. PC. Rohmingliana	1	Participated at the "Observance of Green Mizoram Day 2021" on 15 th July, 2021 at the Plantation site, Hmuifang Road. Organized by NSS Unit, Eco-Club and IQAC of Govt. Zirtiri Residential Science College.
	2	Chairman at the "Online Mode Orientation Programme for Volunteers" held on 27 th July, 2021. Organized by NSS Unit, Govt. Zirtiri Residential Science College.
	3	Participated at the online-mode Programme of "Celebration of 6 th Alumni Day 2021" held on 1 st August, 2021. Organized by Alumni Association of Govt. Zirtiri Residential Science College.
	4	Participated at the online-mode Programme of "Observance of Swachhata Pakhwada" held on 14 th August, 2021. Jointly organized by NSS Unit & Cleanliness and Sanitation Committee of Govt. Zirtiri Residential Science College.
	5	Participated in "Career Awareness Campaign" programme in online mode on 8 th October, 2021, organized by NSS Unit, Govt. Zirtiri Residential Science College.
	6	Participated in the Webinar on "Rainwater Harvesting and Maintenance of Water Reservoir" on 15 th October, 2021, organized by NSS Unit & Eco-Club, Govt. Zirtiri Residential Science College.
	7	Attended at the "Sensitization Programme on NAAC Peer Team Visit (Interactive Session with Dr. Tawnenga, Ex-Principal, PUC)" on 11 th November, 2021 at College Auditorium, GZRSC.

	8	Attended at the “ <i>General Body Meeting</i> ” held on 12 th November, 2021.
	9	Attended at the “ <i>Exit Meeting for Academic and Administrative Audit (AAA)</i> ” held on 12 th November, 2021.
	10	Attended and presented a power point presentation at the “ <i>Meeting of all Committees/Cells for the coming NAAC Peer Team Visit</i> ” held on 23 rd November, 2021.
	11	Supervised and Donated Blood at the <i>Programme of Blood Donation</i> held on 9 th December, 2021 at Civil Hospital, Aizawl. Organized by NSS Unit & Red Ribbon Club, GZRSC.
	12	Participated and supervised at <i>Cleanliness Drive</i> at College Campus, Ramthar during 25 th – 28 th January, 2022, organized by NSS Unit, IQAC, Eco-Club and Cleanliness Committee, GZRSC.
	13	Supervised at the <i>Programme of Blood Donation</i> held on 22 nd February, 2022 at Civil Hospital, Aizawl, organized by NSS Unit & Red Ribbon Club, GZRSC.
	14	Participated at <i>Plantation site visit (Fire Prevention)</i> at Hmuifang Road on 28 th February, 2022, organized by NSS Unit & Eco-Club, GZRSC.
	15	Participated and proposed a Vote of Thanks in the <i>Webinar on Fire Prevention Programme</i> on 7 th March, 2022, organized by NSS unit, GZRSC in collaboration with Disaster Management Committee, GZRSC.
	16	Participated and supervised in <i>Mass Cleanliness Drive</i> at Ramthar & Durtlang Campus during 10 th – 11 th March, 2022 & 14 th – 18 th March, 2022, organized by NSS Unit, IQAC and Cleanliness Committee, GZRSC.
	17	Observed Green Mizoram Day 2022 by planting of trees and cleaning of plantation site, Hmuifang Road on 10 th June 2022, organized by NSS unit, GZRSC.
Reginald H. Vanlalchaka	1	Performed work & duty at College Campus, Durtlang on 03.12.2021
	2	Worked in the campus as Electrician and some other carpentry and electronic works in the month of January & February 2022.
Dr. Lalthanpuui Khangte	1	Technical Program Committee Member of International Conference on Computational Techniques and Applications (ICCTA 2021): Had reviewed Five Conference papers during 11-14 August, 2021.

	<p>Filed three Australian Patents:</p> <ol style="list-style-type: none"> 1. <i>A M-O-(Si/SiGe/Si) Structured Device Of Tri-Layered Nano-system Semiconductor And Its Process Thereof.</i> Australian Patent Application No. 2021105085 Filing Date: 07.08.2021. Dhar, Rudra Sankar; Khiangte, Lalthanpuui; Kumar, Kuleen; Nanda, Swagat; Talukdar, Silpee. 2. <i>A Nanosystem Device For Faster Switching With Reduced Leakage And Its Preparing Process Thereof.</i> Australian Patent Application No. 2021105335. Filing Date: 11.08.2021. Dhar, RudraSankar; Kumar, Kuleen; Talukdar, Silpee; Khiangte, Lalthanpuui; Nanda, Swagat 3. <i>A Nano-Composites Based Smart Membrane Device With Enhanced Performance And Its Preparation Process Thereof.</i> Australian Patent Application No. 2021105410. Filing Date: 13.08.2021. Dhar, RudraSankar; Talukdar, Silpee; Khiangte, Lalthanpuui; Kumar, Kuleen; Nanda, Swagat
3	<p>INNOVATIVE PATENT GRANTED: Patent number: 2021105335; Date:27.10.2021; Authority: Australian International Patent Title of Invention: A NANOSYSTEM DEVICE FOR FASTER SWITCHING WITH REDUCED LEAKAGE AND ITS PREPARING PROCESS THEREOF Patentee(s): Dhar, RudraSankar; Kumar, Kuleen; Talukdar, Silpee; Khiangte, Lalthanpuui; Nanda, Swagat</p> <p>INNOVATIVE PATENT GRANTED: Patent number: 2021105410; Date:27.10.2021; Authority: Australian International Patent Title of Invention: A NANOSYSTEM DEVICE FOR FASTER SWITCHING WITH REDUCED LEAKAGE AND ITS PREPARING PROCESS THEREOF Patentee(s): Dhar, RudraSankar; Talukdar, Silpee; Khiangte, Lalthanpuui; Kumar, Kuleen; Nanda, Swagat</p>

F. ANNUAL DEPARTMENT REPORT FOR ENGLISH DEPARTMENT

1. Name of department: English Dept

2. Year of establishment: 2000

3. a) Name of the Head of Department: Lalmalsawmi Chhangte

b) Phone No (Official): 9436354626

c) Email: lalmalsawmichhangte23@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

The English Department came into existence when the college was first established as Zirtiri Women's College in 1980. Zirtiri Women's College was then amalgamated with other science departments from other existing colleges. Consequently, a purely science college came into existence in the year 2000 and English department was adopted as one of the departments in the newly created Science College. The department offers General English courses in all the three streams i.e. Science, Home Science and Computer Science. The language laboratory has been serving as a useful tool for enhancing oral communication skills of the students. The department strives to work hard in all its capacity for the good of the institute.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Laltluangkimi Hnamte	Assoc. Prof	M.A (M Phil)	English Literature	30
2.	Lalmalsawmi Chhangte	Assoc. Prof	M.A(English)	English Literature	27
3.	Lalrinsangi Nghinglova	Assoc. Prof	M.A, PGDTE, LLM, Ph.D(on-going)	English Literature	24
4.	Lalrinpuui Rokhum	Asst. Prof	M.A(English)	English Literature	12

6.Number of Teaching and Non-Teaching Staff in the Department:

Designation	RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F
Professor	M	F	M	F	M	F	M	F
Associate Professor		3						3
Assistant Professor		1						1
Lab Assistant								
Lab Attendant								

7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
I BSc/BHSc	Foundation course I	Eng/1/FC/1	5
II BSc/BHSc	Foundation Course 2	ENG/II/FC/2	5
I BCA II BCA	English Language and Communication Skills	BCA/1/CC/01	4
	Personality and Soft Skills Development	BCA/2/CC/07	4

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester BSC	326	326	175	151	98.77
2	II Semester BSC	297	297	171	126	99.32
3	I Semester H SC	15	15	1	14	100
4	II Semester H SC	15	15	1	14	100
5	I Semester BCA	41	41	36	5	100
6	II Semester BCA	41	41	37	4	100

9. Student - Teacher Ratio:

I B Sc	:	1: 82
II B Sc	:	1: 74
I B Sc Home sc	:	1: 4
II B Sc Home sc	:	1: 4
I BCA	:	1:10
II BCA	:	1:10

10. Annual Average Attendance Percentage of the Student: 85%**11. Study tour conducted under year of report: None****12. Awards / Recognitions received by faculty and students under reporting year:**

As IQAC coordinator who helped to attain a higher grade in the accreditation process, Mrs Lalrinsangi Nghinglova was given due recognition (a framed citation) for her tireless effort and enduring dedication towards the college. We are indeed very proud of her and consider ourselves lucky to have her in the department.

13. Details of Faculty qualified for the Ph. D degree under year of report: none

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1	Lalmalsawmi Chhangte	Webinar on swachta pakhwada, observance of cleanliness fortnight	Cleanliness committee, GZRSC	14 th August, 2021	College
		webinar on 'rainwater harvesting and maintenance of water reservoir'	NSS & Eco Club, GZRSC	15 th October, 2021	State level
2	Lalrinsangi Nghinglova	National webinar on career guidance and opportunities	Department of Biochemistry, GZRSC	31.07.2021	Institutional
		Gender Equity and Mizo Customary law	Women studies committee	14.9.2021	Institutional
		Invited Lecture on "Introducing Gayatri Spivak"(Can the subaltern speak?)	Department of English, MZU	21.9.2021	
		National Webinar on Interaction with stakeholders	NAAC, Bangalore	11.10.2021	National
		Webinar on modeling between variables	Government J Thankima College	28.10.2021	National
		Resource person for Awareness talk on Gender Equity	Pachhunga university College	29.10.2021	
		Paper presented at Exploring Mizo women's property and Inheritance Rights at 10 th international conference on Human Rights and Gender Justice	Knowledgesteez in collaboration with universidade De Santiago De Compostela	31.10.2021	international
		Sensitization programme on Peer team Visit	IQAC, GZRSC	11.11.2021	Institutional
		International Webinar on Capacity Development of skills for work and life	IQAC, GTRC	16 th -18 th February 2022	International
3	Lalrinpui Rokhum	"Inculcating Reading Habits among Post-Millennial Teenagers"	National	25 th July, 2021	Department of English, Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali

				Biswanath, Assam.
		“Literature, Culture and Media-A Semiotic Intersection”	National	26th July, 2021 The Research Centre of English, Fatima College.
		“State Level Webinar on Climate Change : A Brink Concern on Mizoram”	State	5th – 7th August, 2021 Department of Geography, Govt. Champhai College.
		“Livelihoods System Modelling”	International	31st August, 2021 Mizoram University in collaboration with University of Minnesota, USA.
		Five Day National Webinar on ‘Discourse on Triau Trackx’	National	6th – 10th September, 2021 Literature club & Department of English, Gove Hrangbana College.
		‘Feminist Theology and Toxic Masculinity’	International	11th September, 2021 Department of History, Pachhunga University College.
		Discourse on Mizo Language	International	One Week / 7th – 13th October, 2021 Mizo Department, Govt. Saitual College
		Two Day International Webinar on Awithangpa	International	Two Days / 21st & 22nd October, 2021 Mizo Department, Govt. Kolasib College.
		Human Rights and Its Representation in Literature	International	25th October, 2021 ICFAI University, Mizoram.
		National Webinar on Language	National	28 th March 2022 UGC-HRDC, MZU

15. Details of conference/Seminar organized by the department (2021-2022):

Sl. No	Topic	Funded by	Collaborations

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

17. Recognized Research Centre /facility: NIL

18. Number of Faculty as members in

a) University:

Lalrinsangi Nghinglova: Moderation Board, Dept of English, MZU

b) State:

Lalmalsawmi Chhangte, Treasurer, MIELS

Lalrinsangi Nghinglova OB in MCTA Gen.Hqrs & Executive Committee member in MIELS

c) Regional:

d) National committees: Lalrinsangi Nghinglova, Women cell, AIFUCTO

e) International Committees:

f) Editorial Board: Laltluangkimi Hnamte,Chairman,college magazine

Lalmalsawmi Chhangte, member,college magazine

Lalrinpuii Rokhum,member,college magazine

Lalrinsangi Nghinglova , college yearbook

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
1	Lalrinsangi Nghinglova	Exploring the Mizo Women's Property and Inheritance Rights	Issue 1,January,2021	Zeichen Journal	0932-4747

20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc: Nil

22. Extension activities by the department:

The department gave out cash incentives to 15 students who secured good ranks in the 2021 Mizoram University exam.

The department helped in filling up and editing IIQA,DVV and SSR.

During the pandemic, faculties extended help giving monetary assistance to students suffering from covid 19.

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books: 830

b. Journals: 2

c. E-Books and E Journals:

d. Any other:

24. Any other relevant information (reports): Our faculty member ,Lalrinsangi Nghinglova was the IQAC coordinator. She had made significant contribution in helping the college attain A Grade status at the UGC NAAC Accreditation in March,2022 .

G ANNUAL DEPARTMENT REPORT FOR GEOLOGY DEPARTMENT

1. Name of department: **Geology**

2. Year of establishment: **2013**

3. a) Name of the Head of Department: **Dr. C. Zoramthara**

b) Phone No (Official): **9862501735**

c) Email: **czoramthara@gzrsc.edu.in**

4. Brief Introduction of the Department (maximum 200 words):

Geology is the study of the earth and its natural resources. The field of geology involves the study of earth materials and processes. Geologists study all the concepts of earthquakes, landslides, floods, droughts, volcanic activity, ocean water currents (el Niño), types of soil, fuel oils, minerals (gold, silver, uranium), and so on. Many business enterprises rely on the information generated by geology and geologists for their activity. Gold, diamonds, silver, oil, iron, aluminium, and coal are all natural resources obtained from the Earth. These materials serve as the basis for many business enterprises. Thus, the study of geology plays an important role in modern life and civilization.

The Department of Geology was established in July 2013 as the government of Mizoram realized the importance of the subject in the fields of oil and natural gas exploration, construction of dams and reservoir, disaster management and exploration of mineral resources and ground water of the country.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Dr. C. Zoramthara	Asst. Professor	PhD, M.sc (JRF+ NET)	Sedimentology Structural Geology	10 years
2.	Dr. C. Lalnuankimi	Asst. Professor	PhD, M.sc	Economic Geology, Micropaleontology, Geochemistry	8 years
3.	Laltlankima	Asst. Professor	M.sc (NET)	GIS and landslide	8 years
4.	Dr. C. Lalremruatfela	Asst. Professor	PhD, M.sc (NET)	Magneto-stratigraphy	8 years

6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	REGULAR		RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F	M	F
Professor										
Associate Professor										
Assistant Professor	1				2	1			3	1
Lab Assistant		1								1
Lab Attendant										

7. Details of the Courses conducted by the department:

* Type semester wise subject code, subject name and credit.

Semester	Course No.	Name of Paper	Credit
I	Course I- Theory Course II-	General & Structural Geology & Mineralogy Course	4
	Course II-Practical Semester Course		2
II	Geochemistry Course III -Theory	Petrology & Geochemistry Course	3
	Course IV-Practical		2
III	Course V-Theory Course	Stratigraphy & Paleontology	3
	Course VI-Practical		2
IV	Course VII- Theory	Economic Geology	4
	Course VIII- Practical		2
V	Course IX - Theory	Applied & Engineering Geology	3
	Course X - Practical		2
	Course XI - Theory	Sedimentology and sequence stratigraphy	3
	Course XII - Practical		2
	Course XIII - Theory	Igneous and metamorphic petrology	3
	Course XIV - Practical		2
	Course XV - Theory	Option A : Hydrogeology, oceanography and environmental geology	3
	Course XVI- Practical		2
		Option B : Geology of NE India	

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	39	39	25	14	100
2	II Semester	35	34	20	15	97.29
3	III Semester	11	11	10	1	100
4	IV Semester	11	11	10	1	100
5	V Semester	7	7	6	1	100
6	VI Semester	7	7	6	1	87.5

9. Student - Teacher Ratio: 1:14

10. Annual Average Attendance Percentage of the Student: 86.8 %

11. Study tour conducted under year of report: 2 (Two)

12. Awards / Recognitions received by faculty and students under reporting year:

C. Lalneihluanga, 6th Semester Geology student 2019-2022 Batch has secured 6th Position in Under Graduate University Examination.

13. Details of Faculty qualified for the Ph.D degree under year of report: NIL**14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)**

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1	Dr. C. Zoramthara	1st International Virtual Conference on “Living with Ecological Prosperity: Life Style, Economy, Environment and Sustainability”	Department of Environmental Studies, P.G.D.A.V. College, University of Delhi, Delhi, India in collaboration with Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan, India & Young Social Scientists Association of India	2 days 10 th to 11 th July 2021	International
		International Virtual workshop on Global Seismology & Tectonics	CSIR North East Institute of Technology	10 days 20-30 October, 2021	International
		Sensitization Programme for Technical Personnels & Planning Assistants & Junior Engineers on AMC, Site Development & Slope Modification Regulation, 2017 under AMC	Aizawl Municipal Corporation	26th October, 2021	State
		Basic Course on Laboratory Techniques for Geotechnical Investigations	Regional Training Division (RTD), Geological Survey of India, Eastern Region, Kolkata	5 days	National
		5 days faculty development program	IQAC and Research and seminar committee, GZRSC.	5th to 9th April	College

		Webinar on Environmental Issues' in celebration of Earth Day 2021	Eco Club GZRSC, sponsored by MPCB	22nd April 2021	State
2	Dr. C. Lalnuankimi	Sensitization Programme for Technical Personnels & Planning Assistants & Junior Engineers on AMC, Site Development & Slope Modification Regulation, 2017 under AMC	Aizawl Municipal Corporation	26th October, 2021	State
		First International Conference on Material Sciences and Applied Physics (ICMSAP-2021)	Dept.of Physics, Pachhunga University College, Aizawl	3 Days 22 nd -24 th November, 2021	International
		5 days faculty development program	IQAC and Research and seminar committee, GZRSC.	5th to 9th April	College
		Findings origin of the shell limestone in Bhuban formation of Neogene Succession in Surma Group, Mizoram, India	American Geophysical Union (AGU) Fall meeting	6th to 17th December, 2021	International
3	Laltankima	International Virtual workshop on Global Seismology & Tectonics	CSIR North East Institute of Technology	10 days 20-30 October,2021	International
		Sensitization Programme for Technical Personnels & Planning Assistants & Junior Engineers on AMC, Site Development & Slope Modification Regulation, 2017 under AMC	Aizawl Municipal Corporation	26th October, 2021	State
4	Dr. C. Lalremruatfela	Basic Course on Laboratory Techniques for Geotechnical Investigations	Regional Training Division (RTD), Geological Survey of India, Eastern Region, Kolkata	5 days	National
		National webinar on Universal values and Ethics	Dept of Education, MZU	1 day 19th July 2021	National
		Online training programme on Lightning Disaster resilient India	National Institute of Disaster management (NIDM), World Vision India,	1 day 19th July 2021	National

		Jharkhand		
	Online training programme on Comprehensive Landslide Risk Management	National Institute of Disaster management (NIDM), IIT Mandi	3 days 28th July 2021 to 30th July 2021	National
	Online training programme on Financial Arrangements in Disaster Risk Reduction-15th Finance Commission and Insurance	National Institute of Disaster management (NIDM), Ministry of Home Affairs, Govt. Of India, Sphere India	1 day 29th July 2021	National
	Online training programme on Remote Sensing for Disaster Management	National Institute of Disaster management (NIDM), Ministry of Home Affairs, Govt. Of India	1 day 12th August 2021	National
	Post Disaster Housing Reconstruction- Lessons from the past and future aspects.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. Of India.	3days 8 th to 10 th Sept, 2021	National
	Disaster Management in Agriculture Sector	National Institute of Disaster Management, Ministry of Home Affairs, Govt. Of India.	14th Sept, 2021	National
	2nd International Virtual Workshop on Global Seismology & Tectonics	Council of Scientific and Industrial Research (CSIR) North East Institute of Science & Technology (NEIST) (Ministry of Science & Technology, Govt. of India)	10 days 20th to 30th September 2021.	International
	Sensitization Programme for Technical Personnels & Planning Assistants & Junior Engineers on AMC, Site Development & Slope Modification Regulation, 2017 under AMC	Aizawl Municipal Corporation	26th October, 2021	State
	Online Faculty Development Programme on	Dept of Environmental Science, Pachhunga	7 days 24-30th January 2022	National

		“Effective teaching of Environmental Studies”	University College.		
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15. Details of conference/Seminar organized by the department (2021-2022):

Sl.No	Topic	Funded by	Collaborations
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16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: N/A

17. Recognized Research Centre /facility: Geotechnical Laboratory at Ramthar Campus

18. Number of Faculty as members in

a) University:

Dr. C. Zoramthara
University

a) Member, Board of Study in Geology, Depart of Geology, Mizoram

b) Member. School board, School of Earth Science & Natural Resource Management, Mizoram University

Dr. C. Lalmuankimi

a) Member, Moderation Board in Under Graduate level, Mizoram University

Laltlankima

a) Member, Moderation Board in Under Graduate level, Mizoram University

Dr. C. Lalremruatfela

a) Member, Moderation Board in Under Graduate level, Mizoram University

b) State:

Dr. C. Zoramthara

a) Life member & Executive Committee member, Mizoram Science Society (MSS)

b) Life member & Executive Member in Governing Body of Geological Society of Mizoram (GSM)

c) Life Member, Mizo Academy of Sciences (MAS)

d) Member, Biodiversity & Natural Conservation Network (BIOCONE)

Dr. C. Lalmuankimi

a) Life member & Office Bearer of Geological Society of Mizoram (GSM)

b) Life Member, Mizo Academy of Sciences (MAS)

Dr. C. Lalremruatfela

a) Life member & Executive Member in Governing Body of Geological Society of Mizoram (GSM)

b) Member, Mizo Academy of Sciences (MAS)

c) Member, Biodiversity & Natural Conservation Network (BIOCONE)

c) Regional:

Dr. C. Lalmuankimi - a) Member, Indian Society of Applied Geochemistry

d) National committees: N/A

e) International Committees:

Dr. C. Lalmuankimi - a) Member in American Geophysical Union, Washington, Dc

b) Member, Asia Oceania GeoSciences Society

f) Editorial Board: N/A

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
1	Dr. C. Zoramthara	Provenance shift during neogene brama putra deltaprogradation tied to coupled climate and tectonic change in the eastern himalaya	Geochemistry, Geophysics, Geosystems 14 th November 2021	American Geophysical Union Advance earth and Space	Online ISSN:1525-2027 DOI- https://doi.org/10.1029/2021GC010026
2.	Dr. C. Zoramthara	Impact assessment of Dam site for alternate water supply scheme of Aizawl city (gravity) in Tawi, Mizoram, India by UAV based photogrammetry	Divergent issues and Climate Changes- Vol-1 20 th July 2021	The Research Extension cell, Govt. Johnson College, Aizawl	ISBN: 978-81-950949-8-1
3.	Dr. C. Zoramthara	Trace fossil assemblage of Oligocene (Barail Group) from Zote Area, Champhai District Mizoram.	Volume 21, Issue 4, 2021 October to December	Science Vision	ISSN (Online) – 2229-6026 DOI- https://doi.org/10.33493/scivis.21.04.02
4.	Dr. C. Lalmuankimi	Petrological, Environmental Deposition and Tectonic-Provenance study of Bhuban Sandstones in Neogene Succession of Aizawl district, Mizoram	7 th August 2021	Geological Society of India, Bangalore Impact Factor – 1.4	ISSN- 0974-6889 DOI- https://doi.org/10.1007/s12594-021-1790-3
5.	Laltlankima	Landslide hazard zonation along Phulmawi village and Tlungvel village road, Thingsulthliah Rural Development Block, Aizawl District, Mizoram, India	Eco. Env. & Cons. 28 (1) : 2022; pp. (244-249)	EM International	ISSN 0971–765X
6.	Laltlankima	Landslide study of Tlungvel quarry areas, Aizawl district ,	Disaster and development , Jan- June 2021	Journal of the national institute of disaster	ISSN:0973-6700

		Mizoram		management, New Delhi	
7.	Laltlankima	Zonation of landslide susceptibility in Saitual town area, Mizoram	Vol.12/issue 69/December/2021	Indian Journal of natural sciences	ISSN 0976-0997
8.	Dr. C. Lalremruatfela	Provenance shift during neogene bramaputra deltaprogradation tied to coupled climate and tectonic change in the eastern himalaya	Geochemistry, Geophysics, Geosystems 14 th November 2021	American Geophysical Union Advance earth and Space	Online ISSN:1525-2027 DOI- https://doi.org/10.1029/2021GC010026
9.	Dr. C. Lalremruatfela	Impact assessment of Dam site for alternate water supply scheme of Aizawl city (gravity) in Tawi, Mizoram, India by UAV based photogrammetry	Divergent issues and Climate Changes- Vol-1 20 th July 2021	The Research Extension cell, Govt. Johnson College, Aizawl	ISBN: 978-81-950949-8-1
10.	Dr. C. Lalremruatfela	Trace fossil assemblage of Oligocene (Barail Group) from Zote Area, Champhai District Mizoram.	Volume 21, Issue 4, 2021 October to December	Science Vision	ISSN (Online) – 2229-6026 DOI- https://doi.org/10.33493/scivis.2104.02

20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc:

22. Extension activities by the department: Student field trips

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books: 541 (Five Hundred and Forty One)

b. Journals: 1 (One)

c. E-Books and E Journals: NIL

d. Any other:

24. Any other relevant information (reports):

1. The Department runs Geotechnical Laboratory from 01.02.2022. The Principal Consultant of this Geotechnical Laboratory is Dr. C. Zoramthara. Dr. C. Lalmuankimi, Laltlankima and Dr. C. Lalremruatfela were assigned as Consultant. In this Laboratory, soil test such as Specific gravity, Unit weight, Liquid limit, Plastic Limit, Plasticity Index, Proctor light weight Compaction test and Direct Shear Test are being carried out for Slope Development & Slope Modification Regulation 2017 of Aizawl Municipal Corporation where soil testing is mandatory for any private and government construction. Soil test rate was fixed @ ₹7500. From this amount, 20% has been submitted to the Principal at College Development Fund. ₹ 82,500 /- (Rupees Eighty Twi Thousand Five Hundred Only) have been submitted during the reporting period.

2. All the faculty member of the Department was registered at Aizawl Municipal Corporation as Geo-Technical personnel / Registered Geologist of Slope Development & Slope Management Regulation 2016.

H ANNUAL DEPARTMENT REPORT FOR HOME SCIENCE DEPARTMENT

1. Name of department: Home Science

2. Year of establishment: 1980

3. a) Name of the Head of Department: Lalthanpuii Ralte

b) Phone No (Official): 9436151177

c) Email: tpralte17@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

The study of Home Science in college was initiated with the emergence of the then 'Zirtiri Women's College', the only women College in the state way back in 1980. In those days two years Pre-University Course (PU) equivalent to Class 11 and 12 today was included in the college. Hence, students started learning Home Science right after passing Class 10. Mrs. Lalziki Sailo, the first Principal and the founder of the college had initiated the introduction of Home Science course(stream) in the college influenced by her mentor, Mrs. Chapman, a pioneer Missionary from the West. Hence, Zirtiri Women's College used to offer two streams namely Arts Stream and Home Science Stream.

B.Sc Home Science is a degree course mainly comprises of the study of major topics of Home Science like Food, Nutrition and Dietetics, Resource Management, Human Development, Fabrics and Apparel Science. In other word, B.Sc Home science is a degree course that includes the study of many disciplines such as Chemistry, Physiology, Biochemistry, Economics, Rural Development, Child Development, Hygiene, Sociology, Family Relations, Community living, art, food, nutrition, Clothing and Textile, Home Management etc.

At present, the department is functioning with 12 Faculty members of different disciplines, one Laboratory Assistant and one Laboratory Bearer. The department has 3 laboratories. One is for cooking classes needed for Nutrition and Dietetics practical classes. The second laboratory is shared by the Textile and Clothing and Home Management practical classes. The third laboratory serves the practical classes of Biochemistry and Physiology.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Lalsangliani Khawlhing	Associate Professor	M.Sc	Family Resource Management	36
2.	Lalrinngheti Ralte	Associate Professor	M.A	Extension Education	34
3.	Lalsangkimi Hmar	Associate Professor	M.Sc	Human Development	33
4.	Lalthanpuii Ralte	Associate Professor	M.Sc, LL.B	Human Development	32
5.	Lalhmingliani Hlondo	Associate Professor	M.Sc (pursuing Ph D)	Human Development	31
6.	C. Lalramdina	Associate Professor	M.Sc	Zoology	29

7.	C. Zarzokimi	Associate Professor	M.Sc	Zoology	24
8.	Lalrammawii	Associate Professor	M.Sc	Food and Nutrition	24
9.	Vanlallawmi	Associate Professor	M.Sc	Family Resource Management	24
10.	Maria Lalhmingmawii	Assistant Professor	M.Sc, NET, pursuing PhD	Food and Nutrition	17
11.	Mimi Lalmuanawmi	Assistant Professor	M.Sc, NET	Clothing and Textiles	11
12.	Rebecca Lalnuntluangi	Assistant Professor	M.Sc	Clothing and Textiles	10

6.Number of Teaching and Non-Teaching Staff in the Department:14

Designation	Regular		Contract		Casual		Total	
	M	F	M	F	M	F	M	F
Professor	M	F	M	F	M	F	M	F
Associate Professor	1	8					1	8
Assistant Professor		2				1		3
Lab Assistant		1						1
Lab Attendant	1						1	

7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
I sem		English-1	5
	HS/I/CC/01	Introduction to Family Resource Management	4
	HS/I/CC/02	Practical for HS/I/CC/01	2
	HS/I/CC/03	Chemistry	4
	HS/I/CC/04	Practical for HS/I/CC/03	2
	HS/I/CC/05	Textiles	4
	HS/I/CC/06	Practical for HS/I/CC/05	2
		English - 2	
II Sem	HS/II/CC/07	Introduction to Nutrition	4
	HS/II/CC/08	Practical for HS/II/CC/07	2
	HS/II/CC/09	Biochemistry	4
	HS/II/CC/10	Practical for HS/II/CC/09	2
	HS/II/CC/11	Extension Education	4
	HS/II/CC/12	Practical for HS/II/CC/11	2
III Sem	HISTS/III/FC/03/HS	History of Home Science	
	HS/III/CC/13	Extension Education and Communication	4
	HS/III/CC/14	Practical for HS/III/CC/13	2
	HS/III/CC/15	physiology	4
	HS/III/CC/16	Practical for HS/III/CC/15	2
	HS/III/CC/17	Household Equipment and Consumer Education	4
	HS/III/CC/18	Practical for HS/III/CC/17	2

IV Sem		Environmental Studies		
	HS/IV/CC/19	Human Development- childhood	4	
	HS/IV/CC/20	Practical for HS/IV/CC/19	2	
	HS/IV/CC/21	Clothing and Textiles	4	
	HS/IV/CC/22	Practical for HS/IV/CC/21	2	
	HS/IV/CC/23	Nutrition for the Family	4	
V Sem	HS/IV/CC/24	Practical for HS/IV/CC/23	2	
	HS/V/CC/25	Family and Child Welfare	4	
	HS/V/CC/26	Practical for HS/V/CC/25	2	
	HS/V/CC/27	Early Childhood Education	4	
	HS/V/CC/28	Practical for HS/V/CC/27	2	
	HS/V/CC/29	Garment Design	4	
	HS/V/CC/30	Practical for HS/V/CC/29	2	
	Optional papers			
	HS/V/CC/31 (a)	Dietetics	4	
	HS/V/CC/32 (a)	Practical for HS/V/CC/31 (a)	2	
	HS/V/CC/31 (b)	Food Processing and Preservation Technology	4	
HS/V/CC/32 (b)	Practical for HS/V/CC/31 (b)	2		
VI Sem	HS/VI/CC/33	Child Psychology	4	
	HS/VI/CC/34	Practical for HS/VI/CC/33	2	
	HS/VI/CC/35	Human Development	4	
	HS/VI/CC/36	Practical for HS/VI/CC/35	2	
	HS/VI/CC/37	Housing & Interior Space Management	4	
	HS/VI/CC/38	Practical for HS/VI/CC/37	2	
	Optional Paper			
	HS/VI/CC/39 (a)	Community Development	4	
	HS/VI/CC/40 (a)	Practical for HS/VI/CC/39 (a)	2	
	HS/VI/CC/39 (b)	Management and practices of Extension Education	4	
	HS/VI/CC/40 (b)	Practical for HS/VI/CC/39 (b)	2	
		Total		

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	15	15	1	14	100
2	II Semester	15	15	1	14	100
3	III Semester	37	37	0	37	97.30
4	IV Semester	36	36	0	36	97.30
5	V Semester	18	18	1	17	100
6	VI Semester	18	18	1	17	100

9. Student - Teacher Ratio: 5:1

10. Annual Average Attendance Percentage of the Student:90.09

11. Study tour conducted under year of report: nil

12. Awards / Recognitions received by faculty and students under reporting year:

13. Details of Faculty qualified for the Ph.D degree under year of report: Nil (two are pursuing at the moment)

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1.	Lalsangliani Khawlhiring	Life Skills during the pandemic: The New Normal	IQAC, Govt Nagarjuna P.G College of Science. Raipur	7 th -13 th July ,2021	National
		Effective use of E Resources	Dept of Library & Iqac of Yeshwantrao Chavan College , Maharashtra	12 th August ,2021	National
		Best Practices for enhancing E- Learning Resources : A spectrum	Library & IQAC, Marathwada Shikshan Prasarak Mandal's Arts,Commerce & Science College. Kille Dharur Dist Beed .(M S)	19 th August ,2021	National
		Shadow Pandemic- Domestic Violence in The Wake of Covid - 19	Pg & Research Dept of Social Work ,Cauvery College for Women, Tiruchirapally-18	7 th September, 2021	National
		Nutrition Entrepreneurship	Dept of Food & Technology, Nutrition And Food and Technology. Lady Irwin College. University of Delhi	9 th October, 2021	National
		One Day National E- Workshop on Intellectual Property Rights(IPR) - Patent & Designs Process	IQAC of Adhyapak Shikshan Mandal's C H Chaudhary Arts, Sg [atel Commerce and B.B.J Patel Science College	11 th October, 2021	National
		Mental Health in an Unequal World	Clinical Psychology, MZU	8 th October, 2021	National
		Amendment of the 6 th Schedule to the Constitution of India	IQAC, Lawngtlai College	23 rd October, 2021	International
		Value Based Education: Prospects and Policies for Nation and Humanity	IQAC, AK Roy College. Katlichera Dist . Hailakandi. Assam	17 th January. 2022	National
2.	Lalrimgheti Ralte	Effective use of E-resources	IQAC, Yashwantrao Chavan Arts, Commerce and Science college, Ambajogai	12 th August 2021	National
		Shadow Pandemic- Domestic Violence in the wake of Covid-19	PG & Research Department of Social Work, Cauvery College for women	7 th September 2021	National

		Bharat Nutrition Week 2021	College of Home Science, Swami Keshwanand Rajasthan	7 th September 2021	International
		Managing Online Classes	IQAC, Clara's college of Commerce Mumbai	9 th September 2021	National
		Mental Health in an unequal world	Department of Clinical Psychology MZU	8 th October 2021	National
		NEP 2020: Holistic and Multidisciplinary Education	MZU	7 th December 2021	National
		Value based Education: Prospects and Policies for Nation and Humanity	IQAC S.K Roy college, Katlichera	17 th January 2022	National
		Enterprenuership Development	UGC Women's studies MZU	22 nd February 2022	National
		Celebration of International Women's Day	UGC Women's studies MZU	8 th March 2022	National
3	Lalsangkimi Hmar	2 nd International Webinar Series on the occasion of National Nutrition month	Department of Home Science, University of Calcutta	01.09.2021 to 07.09.2021	International
		One Day National E-Workshop on Intellectual Property Rights	C.H. Choudhary Arts, S.G Patel Commerce, BB Patel Science College	11 th Oct. 2021	National
		National Webinar on Value-Based Education	IQAC, S.K.Roy College, Hailakandi, Assam	17.01.2022	National
		National Intellectual Property Awareness Mission	Intellectual Property Office, India	14.01.2022	National
4	Lalthanpuui Ralte	Webinar on "Human Values and Anger Management".	Thakur Shyamnarayan Degree College, Mumbai	10 th August, 2021	National
		National level webinar on "Effective use of E-Resources"	Department of Library and IQAC of Yeshwantrao Chavan College, Ambajogai Dist Beed, Maharashtra.	12 th August, 2021	National
		National Conference entitled "Best Practices for Enhancing E-learning Resources: A Spectrum"	Library & IQAC, Marathwada Shikshan Prasarak Mandal's Arts, Commerce and Science College Kille Dharur Dist. Beed [M.S.]	19 th August, 2021	National
		2 nd International Webinar Series, on the occasion of National Nutrition Month, 2021.	Department of Home Science, University of Calcutta	1 st -7 th September, 2021	International
		International Webinar on "Bharat Nutrition Week-	Department of Food & Nutrition College of Home	7 th September,	International

2021"	Science, Swami Keshwanand Rajasthan Agricultural University, Bikaner.	2021	
National Webinar on "Shadow Pandemic- Domestic Violence in the Wake Of Covid-19"	PG & Research Department of Social Work, Cauvery College for Women (Autonomous), Tiruchirappali-18.	7th September 2021	National
Webinar on "Covid Pandemic and Mental Health of College Students"	Department of Psychology, Mahila Mahavidyalaya, Karad	8 th September, 2021	National
Faculty Orientation Programme (FOP) on "Integrating Service Learning Labs in Social Work Education"	Department of Social Work, Kristu Jayanti College (Autonomous), Bengaluru.	9th September, 2021	National
National Level Faculty Development Programme on "Managing Online Classes"	Internal Quality Assurance Cell in collaboration with Department of B.Com, BAF, BMS and BAMMC, Clara's College of Commerce	9th September, 2021	National
Webinar on the topic "Current Knowledge on Airborne Transmission of Covid-19"	Department of Botany and the Department of Zoology, Government Serchhip College	18th September, 2021	State
National Webinar entitled "Mental Well-Being and Stress Management during Covid-19 Pandemic".	Department of Education Cell in collaboration with Internal Quality Assurance Cell (IQAC), Srikrishna College, Bagula, Nadia, West Bengal	29th September, 2021.	National
International Seminar on "Optimum Health and Safety Environment"	PG & Research Department of Zoology, Vivekananda College, Agasteeswaram, Kanniyakumari, Tamil Nadu	7 th October, 2021	International
National Seminar (webinar) on 'Mental Health in an Unequal World'	Department of Clinical Psychology, Mizoram University	8 th October 2021	National
Webinar on "Nutrition Entrepreneurship."	Department of Food and Nutrition and Food Technology Lady Irwin College University of Delhi.	9th October, 2021	National
National E-Workshop on "Intellectual Property Rights (IPR) - Patent & Designs Process."	IQAC, C.H.Chaudhari Arts, S. G. Patel Commerce and B.B.J. Patel Science College	11 th October, 2021.	National

International Webinar on, "Amendment of the 6th Schedule to the Constitution of India"	IQAC, Govt. Lawngtlai College, Mizoram	23 rd October 2021.	International
One day National Webinar on "Edu-Tech & NEP-2020: A Futuristic Insight."	Department of Education, Kandi Raj College, Murshidabad	24 th October 2021	National
National Level Seven Days Faculty Development Program on "Innovative Teaching Strategies for Effective Implementation of NEP 2020"	Department of Education BSSS in association with HRDC & Department of Continuing Education, BU Bhopal	11 th -17 th November 2021	National
"National Webinar on Personality Development and Communication Skills"	Science Club, Bhopal School of Social Sciences College	20 th November, 2021.	National
International Webinar on "Religion and State in the Post Colonial State of India"	Department of History & Department of Political Science Government Aizawl West College Aizawl, Mizoram	20 th November, 2021	International
International Webinar on "Instructional Dynamics"	Department of Education (DDE), Alagappa University, Karaikud	22 nd & 23 rd December, 2021	International
National Level Webinar on "Consumer Rights Violation & Remedies"	Consumer Club, Vishwakshena Arts & Science College for Women, Thiruvallur	24 th , December 2021	National
National webinar on "Value Based Education: Prospects and Policies for Nation and Humanity"	Internal Quality Assurance Cell (TQAC) S.K, Roy College, Katlicherra; Dist.: Hailakandi, Assam.	17 th January 2022	National
Webinar on "Healthy Plant- Based Carbs: Maltodextrins & Glucose Syrup in Developing Healthy Foods"	Protein Foods & Nutrition Development Association of India & Roquette	4 th February 2022	National
"Recent Trends in Cancer Research"	Department of Biochemistry Institute of Home Economics University of Delhi	4 th February, 2022	National
Webinar on "Entrepreneurship Development"	UGC-Women's Studies Centre, Mizoram University and Department of Public Administration, Govt. Aizawl West College	22 nd February, 2022	National
Webinar on "Climate Change"	University Grants Commission, Human Resource Development Centre, Mizoram University	09 th March, 2022	National

		International Webinar on “Recent Trends in Gender Studies”	Department of Economics and Sociology, M.S.P. Mandal’s Arts, Commerce & Science College, Kille-Dharur, Dist. Beed (MS), India	07th May 2022	International
		Five-day National Level Faculty Development Program on “Inculcating Universal Human Values in Education - An Aspiration Of Nep 2020”	Internal quality assurance cell (IQAC) in association with universal human values cell (HKBKCE) HKBK Degree College, Bangalore	09 th - 13 th May, 2022	National
5	Lalhmngliani Hlondo	Seminar on “Intellectual Property Rights(IPR) and its Related Issues on virtual mode	Gharwal University, Uttarakhand	15 th July 2021	National
		Webinar “ Effective use of E-Resource”	Dept of Library& IQAC of Yeshwantrao Chavan College, Maharashtra	12 th August 2021	National
		Conference on “Best Practices for Enhancing E-Learning Resources: A Spectrum”	Library, and IQAC, Arts, Commerce and Science College, Maharashtra	19 th August 2021	National
		Webinar on “Shadow Pandemic-Domestic Violence in the Wake of Covid-19 th ”	Post Graduate & Research and Department of Social work,Cauvery College for Women, Tiruchirapalli	7 th September 2021	National
		“Faculty Development Programme on Managing Online Classes”	Internal Quality Assurance Cell in Colloboration with Department of B.Com,BAF,BMS,BAMM C,Mumbai	9 th September 2021	National
		Webinar on” Bharat Nutrition Week-2021”	Dept of Food and Nutrition,College of Home Science,Swami Keshwanand,Rajasthan Agricultural University	7 th September 2021	International
		Short Term Course(online) on Research & Publication Ethics.	UGC,Human Resource Development, Centre,MZU	1-7 th October 2021	University
		Seminar on “ Mental Health in an Unequal World”	Department of Clinical Psychology, MZU	8 th October 2021	University
		E- Workshop on Intellectual Property Rights(IPR): Patent and Design Process	Internal Quality Assurance Cell,Ragive Gandhi Institute of Intellectual Property Management, Nagpur.	11 th October, 2021	National
		Webinar on “Personality Development and Communication Skills”	Science Club,BSS College,Bhopa	20 th November 2021	National

		Paper present Title – “Religiosity Correlates to Locus of Control among High School Students”	Department of Clinical Psychology and Dept of Psychology,MZU	29 th January,202 1	57 th National& 26 th International (IAAP)
		Recent Trends in Cancer Research”	Department of Biochemistry, Institute of Home Economics, University of Delhi	4 th February 2022	National
6	C Lalramdina	Webinar on Shadow pandemic-domestic violence in the wake of covid-19	PG & Research Department of Social Work.	7 th September 2021	National
		2 nd International Webinar Series on the occasion of National Nutrition month	Department of Home Science, University of Calcutta	01.09.2021 to 07.09.2021	International
		One Day National E- Workshop on Intellectual Property Rights	C.H. Choudhary Arts, S.G Patel Commerce, BB Patel Science College	11 th Oct. 2021	National
		National Webinar on Value-Based Education National	IQAC, S.K.Roy College, Hailakandi, Assam	17.01.2022	National
		Intellectual Property Awareness Mission	Intellectual Property Office, India	14.01.2022	National
7	C Zarzokimi	Life skills during Pandemic	PG College of Raipur	7 – 13 .7.21	National
		Universal Values and Ethics	Dept of Education ,MZU	19.7.21	National
		Career Guidance	Dept of commerce, Virudunagar Hindu Nadars College,	12.8.21	National
		Effective Use of E-Resources	Dept of Library & IQAC of Yeshwantrao College	12.8.21	National
		Domestic Violence in the Wake of Covid-19	Cauvery College for Women	7.9.21	National
		Bharat Nutrition week- 2021	College of Home science,Rajasthan	7.9.21	National
		Managing Online Classes	Clara’s College of Commerce,Mumbai	9.9.21	National
		Current Knowledge of Airborne Transmission of Covid-19	Dept of Botany & Zoology , Govt Serchhip College	18.9.21	State
		Mental Health in an Unequal World	Dept of Clinical Psychology,MZU	8.10.21	State
		Nutrition Entrepreneurship	Dept of Food & Nutrition,Lady Irwin College,DU	9.10.21	National

		Religion and State in the Post Colonial State of India	Dept of History & Political Science,GAWC	20.10.21	National
		NEP 2020:Holistic & Multiciplinary Education	MZU	7.12.21	International
		All India Survey of Higher Education(AISHE2020-2021)	AISHE Mizoram Unit	9.12.21	National
		IP Awareness	Intellectual Property Office,India	14.1.22	State
		Value – based Education Propects&Policies for Nation & Humanity	IQAC S.K Roy ,Assam	17.1.22	National
		Recent Trends in Cancer Research	Dept of Biochemistry,DU	4.2.22	National
		Healthy Plants-Based-Carbs	Protein Foods & Nutrition Development association of India	4.2.22	International
		Entrepreneurship Development	UGC-Women’s Studies Centre & Dept of PA,MZU	2.2.22	National
		Investor Awareness Programme	Govt T.Romana College	7.3.22	National
8	Lalrammawii	Effective Use of E-Resources	Dept of Library & IQAC of Yeshwantrao College	12 th Aug, 2021	National
		National Conference entitled “Best Practices for Enhancing E-learning Resources: A Spectrum”	Library & IQAC, Marathwada Shikshan Prasarak Mandal’s Arts, Commerce and Science College Kille Dharur Dist. Beed [M.S.]	19 th Aug, 2021	National
		2nd International Webinar Series, on the occasion of National Nutrition Month, 2021.	Department of Home Science, University of Calcutta	1-7 th Sept, 2021	National
		Domestic Violence in the Wake of Covid-19	Cauvery College for Women	7 th Sept, 2021	National
		Bharat Nutrition week-2021	College of Home science,Rajasthan	7 th Sept, 2021	International
		Managing Online Classes	Clara’s College of Commerce,Mumbai	9 th Sept, 2021	National
		Current Knowledge of Airborne Transmission of Covid-19	Dept of Botany & Zoology , Govt Serchhip College	18 th Sept, 2021	National
		Mental health in an unequal world	Dept of Clinical Psychology, MZU	8 th October, 2021	National
		Nutrition Entrepreneurship	Dept of Food and Nutrition, Lady Irwin College	9 th October, 2021	National
		Religion and State in the Post- Colonial State of	Department of History and political Science, GAWC	20 th November,	National

		India		2021	
		Value based Education: Prospects and policies for Nation and Humanity	IQAC, SK Roy College, Assam	17 th January 2022	National
		Rorschach Inkblot Test	Department of Clinical Psychology, MZU	24 th , 25 th January, 2022	National
		Healthy Plant based Carbs: maltodextrins and Glucose syrup in developing Healthy foods	PFNDAI and Roquette	4 th February, 2022	National
		Entrepreneurship Development	UGC-Womens Study Centre, MZU and Dept of Pub. Adm, GAWC	22 nd February, 2022	National
9	Vanlalawmi	Life Skills during the Pandemic; The New Normal	IQAC, Govt. Nagarjuna P.G. College of Science. Raipur, CG	7 th – 13 th July, 2021	National
		Effective Use of E – Resources	Yeshwantaro Chavan College Ambajogai Dist Beed	22 nd August, 2021	National
		Best Practices for Enhancing E – Learning Resources: A Spectrum	Marathwada Shikshan Prasarak Mandal's Arts, Commerce & Science College	19 th August 2021	National
		Shadow Pandemic – Domestic Violence in the Wake of COVID-19	PG & Research Dept. Cauvery College for Women	7 th September, 2021	National
		Managing Online Classes	IQAC, Clara's College of Commerce	9 th September 2021	National
		Mental Health in an Unequal World	Dept. of Clinical Psychology, MZU	8 th October, 2021	National
		Nutrition Entrepreneurship	Dept. of Food & Nutrition and Food Technology. Lady Irwin College	9 th October, 2021	National
		Intellectual Property Rights – Patent & Designs Process	IQAC, C.H. Chaudhary Arts, S.G. Patel Commerce And B.B.J. Patel Science College	11 th October, 2021	National
		National Intellectual Property Awareness Mission	Intellectual Property Office, India	14 th January, 2022	National
10		Maria Lalthmingmawii	Survival to Revival: Localizing Tourism in Mizoram	Research, Innovation & Ex Cell, GAC	15 th July 2021
	Universal Values & Ethics		Dept of Education ,MZU	19 th July 2021	National
	Covid-Human Brain Challenges		MZU & INDICASAT-AIP, Republic of Panama	30 th July 2021	International
	Livelihoods System Modelling		MZU & Univ of Minnesota, USA	31 st Aug 2021	International

		Bharat Nutrition Week-2021	College of Home Sc, Swami Keshwanand Rajasthan Agri Univ, Bikaner(Raj)	7 th Sept 2021	National
		Shadow Pandemic-Domestic Violence in-the wake of Covid-19	PG & Research Dept of Social Work, Cauvery College for Women, Tiruchirappali	7 th Sept 2021	National
		Mental Health in an Unequal World	Dept of Clinical Psychology, MZU	8 th Oct 2021	National
		Nutrition Entrepreneurship	Dept of Food& Nutrition &Food technology, DU	9 th Oct 2021	National
		Intellectual Property Rights(IPR)-Patent & Designs Process	IQAC,RGN Institute of IPM,Ministry of Com&Industry GOI,IPR training Institute	11 th Oct 2022	National
		Dare to dream-Women in Tech	WEDO &MZU	14 th oct 2021	International
		NEP 2020:Holistic & Multidisciplinary Education	MZU	7 th Dec 2021	State
		Value-based Education: Prospects & Policies for Nation & Humanity	IQAC,S.K Roy College, Hailakandi, Assam	17 th Jan 2022	National
		Entrepreneurship Development	UGC women studies centre, MZU& dept of PA,GAWC		
		Investor Awareness Programme	Gov't T.Romana College in Asso with Ambition Learning Solutions MZU	7 th March 2022	National
11	Mimi Lalmanawmi	Lifeskills during pandemic the new normal	IQAC, Govt Nagarjuna P.G. College of Science Raipur, C.G	7 th -13 th July, 2021	National
		Living with ecologicalprosperity: lifestyle, economy, environment, ecology and sustainability	Dept of environmental studies PGDAV College, University of Delhi in collaboration with Dept of botany, Mohanlal Sukhadia University, Udaipur	10 th &11 th July, 2021	International
		Best practices for enhancing e-learning resources: A spectrum	Library & IQAC, Marathwada Shikshan Prasarak Mandal's Arta, Commerce and Science College, Kille Dharur Dist Beed	19 th August, 2021	National
		Effective use of e-resources	Dept of Library & IQAC of Yeshwantrao Chavan College, Ambajogai Dist Beed, Maharashtra	12 th August, 2021	National
		Bharat nutrition week-2021	Dept of Food & Nutrition, College of Home Science,	7 th Sept, 2021	International

		Swami Keshwanand Rajasthan Agricultural University			
		Shadow Pandemic- Domestic Violence InThe Wake Of Covid-19	PG&Research Department of Social Work, Cauvery College for Women, Tiruchirappalli-18	7 th Sept, 2021	National
		Intellectual property rights (IPR)	School of Life Sciences, Dept of Zoology & Research comtt, IQAC in association with Ragiv Gandhi National Institute foe Intellectual Property Management	22 nd Sept, 2021	National
		Wildlife Conservation 2021	Department of Zoology, Rayat Shikshan Sanstha's RB Narayanrao Borawake College, Shirampur	8 th Oct, 2021	National
		Nutrition Entrepreneurship	Department Of Food And Nutrition And Food Technology, Lady Irwin College, University Of Delhi	9 th Oct, 2021	National
		Dare to dream- Women in Tech	Women Entrepreneurship Day Organization (WEDO) and Mizoram University	14 th Oct, 2021	National
		Food And Mood: Diet In Prevention And Treatment Of Mental Health Disorders	Nutrition Society of India, Mumbai Chapter in collaboration with Food & Mood Centre, IMPACT Institute, Deakin University	13 th & 20 th Nov, 2021	International
		National Webinar on Personality Development and Communication Skills	Science Club, BSSS College	20 th Nov, 2021	National
		IP Awareness/Training program	National Intellectual property Awareness Mission	14 th Jan, 2022	National
		Value-based Education: Prospects and policies for National and Humanity	IQAC, SK Roy College, Katlicherra, Assam	17 th Jan, 2022	National
		Healthy plant based carbs: Maltodextrins & Glucose syrup in developing healthy foods	Protein Foods and Nutrition Development Association of India and Roquette	4 th Feb, 2022	National
12	Rebecca Lalnunluangi	Webinar on 'The changing role of teachers and technology amidst Global Pandemic'	IQAC Cell and Department of Education of Pt. HarishankarShukla Memorial College, Raipur.	17/7/21	National
		Webinar on "Living with Ecological Prosperity: Life Style, Economy, Environment and	Department of Environmental Studies, P.G.D.A.V. College, University of Delhi, Delhi,	10th & 11th July, 2021	International

	Sustainability”	India in collaboration with Department of Botany, Mohanlal Sukhadia University, Udaipur, Rajasthan, India & Young Social Scientists Association of India		
	Online Workshop on “Current Knowledge on Airborne Transmission of Covid-19”	Department of Botany and Department of Zoology, Government Serchhip College.	18.9.21	National
	National Level Faculty Development Programme on "Managing Online Classes"	IQAC in collaboration with Department of B.Com, BAF, BMS and BAMMC. CLARA'S COLLEGE OF COMMERCE Yari Road, Versova, Andheri-west, Mumbai	9.9.2021	National
	Webinar on “Nutrition Entrepreneurship”	Department Of Food And Nutrition And Food Technology Lady Irwin College University of Delhi	9 th October, 2021	National
	Webinar on ‘Healthy Plant based Carbs: maltodextrins and glucose Syrup in Developing Healthy foods’	Protein Foods and Development Association of India and Roquette	4.2.22	National
	"Research Quality, Teaching Learning and Evaluation"	Govt. Motilal Vigyan Mahavidyalaya, Bhopal (M.P.)	10th to 16th March 2022	National

15. Details of conference/Seminar organized by the department (2021-2022):

Sl.No	Topic	Funded by	Collaborations

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

17. Recognized Research Centre /facility:

18. Number of Faculty as members in

a) University:

b) State: 2

c) Regional:

d) National committees: 1

e) International Committees:

f) Editorial Board:

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No

20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc: nil

22. Extension activities by the department: nil

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books: 1334

b. Journals: 1

c. E-Books and E Journals:

d. Any other: n listed journals

24. Any other relevant information (reports):

I ANNUAL DEPARTMENT REPORT FOR MATHEMATICS DEPARTMENT

1. Name of department: Mathematics

2. Year of establishment: 2000

3.a) Name of the Head of Department: Leishangthem Budha Singh

b) Phone No (Official): 9862373643

c) Email: lbudhasingh@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

Department of Mathematics was started in the year 2000 and currently there are two Associate Professors and three Assistant Professors.

Due to the collective effort, dedication of the teachers and hard work of the students, the department is producing every year many students who can get jobs to State as well as Central Government services. They get admission to the other well-known Universities all over India.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Leishangthem Budha Singh	Associate Professor	M. Sc., M. Phil.	Magneto Hydro Dynamics & Plasma Physics.	25 years
2.	Parijat Kumar	Associate Professor	M. Sc.	Modern Algebra	25 years
3.	Dr. R Lalawmpuii	Assistant Professor	M. Sc., M. Phil & Ph. D.	Mathematical Modeling	10 years
4.	David Rosangliana	Assistant Professor	M. Sc.	Mathematical Modeling	12 years
5.	Laltlanhlui	Assistant Professor	M. Sc.	Differential geometry	1 year and 8 months.

6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F
Professor	M	F	M	F	M	F	M	F
Associate Professor	1	1					1	1
Assistant Professor	1	1		1			1	2
Lab Assistant								
Lab Attendant								

7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
I	MATH/1/CC/!!!	Calculus	6
II	MATH/2/CC/121	Algebra	6
III	MATH/3/CC/231	Differential Equation	6
IV	MATH/4/CC/241	Vector Calculus & Solid Geometry	6
V	MATH/5/CC/351	Computer Oriented Numerical Analysis	6
	MATH/5/CC/352	Real Analysis	6
	MATH/5/CC/353	Complex Analysis	6
	MATH/5/CC/354 B	Probability Theory	6
VI	MATH/6/CC/361	Modern Algebra	6
	MATH/6/CC/362	Advance Calculus	6
	MATH/6/CC/363	Mechanics	6
	MATH/6/CC/364 C	Computer Programming in C (Theory)	4
	MATH/6/CC/364 CP	Computer Programming in C (Practical)	2

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	180	153	90	63	98.03
2	II Semester	150	144	84	60	99.30
3	III Semester	101	101	71	31	100
4	IV Semester	99	99	69	30	98.97
5	V Semester	36	36	23	13	100
6	VI Semester	36	36	23	13	94.44

9. Student - Teacher Ratio: 53 : 1

10. Annual Average Attendance Percentage of the Student: 82

11. Study tour conducted under year of report: Nil

12. Awards / Recognitions received by faculty and students under reporting year:

13. Details of Faculty qualified for the Ph.D degree under year of report: Nil

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1	Laltlanhlu	Covid – Human Brain Challenges	Mizoram University	30/7/2021	International
		Social Inclusion and Political Participation of Women in India	Mizoram University	31/7/2021	National
		Legacy and Relevance of Quit India Movement and Indian Nationalism: Rise and growth	Mizoram University	9/8/2021	National
		Livelihoods and Indigenous Issues	Mizoram University	31/8/2021	International
		Current Knowledge on Airborne Transmission of Covid-19	Govt. Serchhip College	18/9/2021	State
		Changing Scenario of Indian Power Sector	Mizoram University	30/9/2021	National
		Aatma Nirbhar Bharat Abhiyan-Theory, Actions and Way Forward	Mizoram University	16/10/2021	National
		Ek Bharat Shreshtha Bharat	Mizoram University	30/10/2021	National
		NEP 2020: Holistic and Multidisciplinary Education	Mizoram University	7/12/2021	State
		One Day Workshop (Virtual) on All India Survey on Higher Education	AISHE Mizoram Unit	9/12/2021	State
		Tran cranial Magnetic Stimulation to treat Obesity and Diabetics	Department of Horticulture, Mizoram University	17/12/2021	National
		Numerous Applications of Number Theory and Algebra-2022	Department of Mathematics, GH Raisoni College of Engineering	21&22 Jan 2022	National
		Celebration of International Women's Day	Mizoram University	8/3/2022	State
2	Dr R Lalawmpui	Interdisciplinary Refresher Course on Foundations of Education	Mizoram University	17 th -30 th August 2021	
		Presented a paper "Mathematical model	Department of Mathematics,	5-7 August 2021	International

	of the transmission of COVID-19 considering the difference in death rates of uninfected and infected population” at The 4 th International Conference on Mathematical Modelling, Applied Analysis and Computation-2021 (ICMMAAC-21)	Faculty of Science, JECRC University, Jaipur, Rajasthan, India		
	International Seminar on Peoples’s Participation in Environmental Sustainability	Department of Environmental Studies, P.G.D.A.V. College, University of Delhi and Young Scientists Association of India	1 Day 08.05.2021	International
	International Webinar for Higher Education Teachers on Brightening the Pathway	Alumni Association of Pavatma College, Murickassery	1 Day 19.05.2021	International
	National Webinar on Conservation of Plant Diversity	Department of Basic Sciences, Guru Nanak College, Chandigarh	1 Day 20.05.2021	National
	Five Day Faculty Development Program on Journey to Research and Beyond	Department of Civil Engineering in Dr DY Patil School of Engineering, Pune	5 Days 21- 25.05.2021	
	Webinar on Research and Publication Ethics	Research Promotion Cell and IQAC, Pavanatma College, Kerala	1 Day 22.05.2021	National
	International Day for Biological Diversity-National Conference 2021	EcoR Foundation	1 Day 23.05.2021	International
	International Webinar on Ushering Rural Prosperity Amidst Uncertainty	Mizoram University	1 Day 09.06.2021	International
	International Webinar on Improving Livelihoods and addressing Climate change through community based Natural Resources Management	Mizoram University and University of Minnesota	1 Day 11.06.2021	International

	National Webinar on Living and Coping with COVID-19: Psychosocial Care and Work-Life Balance	Mizoram University	1 Day 11.06.2021	National
	International Webinar on Indigenous Rights and Self Determination: The Time is now for Full Support of UNDRIP	Mizoram University and University of Minnesota, USA	1 Day 22.06.2021	International
	1 st International Virtual Conference on “Living with Ecological Prosperity”	PGDAV College, Delhi and Young Scientists Association of India	2 Days 10.07.2021 to 11.07.2021	International
	Webinar on “Relevance of Mathematics in Control Systems”	Dept. of Mathematics, KPR Institute of Engineering and Technology, Coimbatore	1 Day 07.08.2021	National
	International Webinar on “Livelihoods System Modelling”	Mizoram University and University of Minnesota, USA	1 Day 31.08.2021	International
	Interdisciplinary Refresher Course on Foundations of Education	Mizoram University	14 Days 17.08.2021 to 30.08.2021	National
	Webinar on “Introduction to Altmetrics”	Mizoram University	1 Day 14.09.2021	National
	Webinar on “Current knowledge on Airborne Transmission of COVID-19”	Govt. Serchhip College	1 Day 18.09.2021	National
	National level webinar on “Mathematical Modeling and Social Choice theory”	Department of Mathematics, Shri Shankaracharya Technical Campus, Bhilai	1 Day 27.09.2021	national
	National Seminar on “Advances in Plant Science”	Dada Patil Mahavidyalaya, Ahmedabad	1 Day 13.10.2021	National
	IP Awareness/ Training Program under National Intellectual Property Awareness Mission	Intellectual Property Office, India	1 Day 14.01.2022	National
	One week Faculty Development Programme on “Implementation of NEP-2020 in Higher Education”	RKDF University, Bhopal and Makhn Lal Chaturvedi Rashtriya Patrakarita	7 Days 17.02.2022 to 22.02.2022	National

			Vishwavidyalaya, Bhopal		
		IP Awareness/ Training Program under National Intellectual Property Awareness Mission	Intellectual Property Office, India	1 Day 22.02.2022	National
		Webinar on “Celebration of International Women’s Day”	UGC-Women’s Studies Centre, Mizoram University	1 Day 08.03.2022	International
		Webinar on “Using Mathematical Models to understand Epidemics”	School of Life Sciences, Mizoram University	1 Day 19.05.2021	National
3	David Rosangliana	Webinar on “Modeling Relationship Between variables”	Dept. of Economics, Govt. J. Thangkima College.	1 Day 28.10.2021	National
4	Leishangthem Budha Singh	5 Days Faculty Development Programme For Teaching and Non Teaching Staff.	IQAC & Research and Seminar Committee, GZRSC.	5 Days 5 th – 9 th April, 2021.	State L B Singh
		Quantitative Aptitude & Reasoning Skills.	Dept. of Mathematics ARASU Engineering College.	1 Day 30/04/2021	National
		Research Methodology for Social Science	Indian Institute of Management & Commerce.	3 days 17 th – 19 th May, 2021	National
		Financial Empowerment Through Financial Awareness	UCET, Bikaner^ MITRC in collaboration with Association of Mutual Funds in India.	1 day 18 th May, 2021	National
		Changing of Consumerism & role of Digital Marketing.	Dept. of Management Studies, Nandha Engineering College.	1 day 20 th May, 2021	National
		Community Samwad on Covid-19 Pandemic: Lets Talk With Experts.	UCET, Bikaner & MITRC, Alwar in collaboration with AIIMS Rishikesh, ICAR-CIAE, Bhopal	1 day 23 th May, 2021	National
		Tricks & Trades	Institutes of Gems & Jewellery	1 day 22 nd May, 2021	National

	Ways & Means of Research In Social Sciences.	IQAC & Faculty of Social Sciences, SSM College.	1 day 28 th May, 2021	National
	Financial Empowerment: A Key to Financial Well Being.	Liberal College, Luwangsangbam, Imphal.	1day 7 th June, 2021	National
	Research Methodology and Hands on Learning.	KISS, Odisha	6 days 2 nd - 6 th August, 2021	National
	Augmented Reality Technologies in Virtual Scenario.	DST-CURIE-AL Centre, Sri Padmavati Mahila Visvavidyalayam, AP.	6 days 1 st – 6 th September, 2021	National

15. Details of conference/Seminar organized by the department (2021-2022):

Sl.No	Topic	Funded by	Collaborations

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

17. Recognized Research Centre /facility:

18. Number of Faculty as members in

a) University: (i) 2 BOS members (1. Dr. R. Lalawmpuii & 2. Leishangthem Budha Singh)

(ii) 1 member in “Formulate the UG Curriculum Design under NEP 2020 (MZU)” (Leishangthem Budha Singh).

b) State:

c) Regional:

d) National committees:

e) International Committees:

f) Editorial Board:

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
1	Dr R Lalawmpuii	Model of Transmission Dynamics of COVID-19 including natural birth rate and considering the difference in Death rates of Uninfected and	January 2022	NOYVIY MIR Research Journal	ISSN No. 0130-7673

		Infected Population. Pp 1-13			
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20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc:

22. Extension activities by the department:

23. Library facilities: (Numbers only)

- a. Textbooks and Reference Books:13194**
- b. Journals:9 (Journals) + 5 (Magazines) = 14**
- c.E-Books and E Journals:More than 2000**
- d. Any other:**

24. Any other relevant information(reports):

For the time being two of our faculty members 1. David Rosangliana and 2. Leishangthem Budha Singh are continuing Ph. D. under Mizoram university.

J ANNUAL DEPARTMENT REPORT FOR PHYSICS DEPARTMENT

1. Name of department: PHYSICS

2. Year of establishment: 2000

3. a) Name of the Head of Department: DR. ARUP KUMAR

b) Phone No (Official): 9862373681/ 7005858362

c) Email: arupk08@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

Department of Physics was started in the year 2000 and currently there are five Associate Professors and one temporary faculty.

The contribution of motivated and well qualified teaching faculty generated a number of successful students, who are now working in various public and private sectors. The department consistently produces students who are qualified in admission entrance of reputed institutions all over the country.

In addition to active classroom teachings, the faculty members are actively involved in research work. Three teachers have PhD degree while one teacher is actively pursuing his research work. Presently there is one BRNS sponsored project in the department and one student is pursuing PhD under the guidance of one of the faculty members of the department.

The department received on an average about 120 numbers of application for admission to BSc in Physics in the first semester. However, the ideal capacity with an existing facilities like classroom and Laboratory is much less than the total number of the applicant. Still the number of students in the first semester exceed the intake capacity of the department due to high demand from the public. It is our wish and hope that we can admit more number of students as we move to the new college campus at Durtlang with better infrastructure.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Years of Experience
1	DR. ARUP KUMAR	Asso. Professor	M.Sc., Ph.D.	Astrophysics	31
2	MR. M. I. SINGH	Asso. Professor	M.Sc.	Electronics	30
3	DR. ROSANGLIANA	Asso. Professor	M.Sc., Ph.D.	Nuclear Physics	24
4	DR. LZ CHHANGTE	Asso. Professor	M.Sc., Ph.D.	Solid State Physics	22
5	MR. REMLALSIAMA	Asso. Professor	M.Sc.	Particle Physics	22
6	DR. H. LALREMRUATA	Asst. Prof. (Contract)	M.Sc., Ph.D.	Nuclear Physics	2

6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	Regular		Contract		Part Time		Total	
	M	F	M	F	M	F	M	F
Professor	0	0	0	0	0	0	0	0
Associate Professor	5	0	0	0	0	0	5	0
Assistant Professor	0	0	1	0	0	0	1	0
Lab Attendant	0	0	0	0	0	0	0	0

7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
Semester – I	PHY/I/EC/01(T) Paper-I	Properties of Matter, Oscillations & Acoustics	4
	PHY/I/EC/02(P)	LABORATORY – I	2
Semester – II	PHY/II/EC/03(T) Paper-II	Thermodynamics & Mathematical Physics-I	4
	PHY/II/EC/04(P)	LABORATORY - II	2
Semester – III	PHY/III/EC/05(T) Paper-III	Electromagnetism and Optics	4
	PHY/III/EC/06(P)	LABORATORY - III	2
Semester – IV	PHY/IV/EC/07(T) Paper-IV	Atomic, Nuclear Physics -I and Solid State Physics-I	4
	PHY/IV/EC/08(P)	LABORATORY - IV	2
Semester – V	PHY/V/CC/09(T) Paper-V	Mathematical Physics-II	4
	PHY/V/CC/10(T) Paper-VI	Electronics-I	4
	PHY/V/CC/11(T) Paper-VII	Classical Mechanics and Nuclear Physics-II	4
	PHY/V/CC/12(P)	LABORATORY - V	2
	PHY/V/CC/13(P)	LABORATORY - VI	2
	PHY/V/CC/14(P)	LABORATORY - VII	2
	PHY/V/CC/15(a)(T) Paper-VII	Atomic and Molecular Spectroscopy	4
	PHY/V/CC/16(P)	LABORATORY - VIII	2
Semester – VI	PHY/VI/CC/17(T) Paper-IX	Quantum Mechanics	4
	PHY/VI/CC/18(T) Paper-X	Electromagnetic Theory	4
	PHY/VI/CC/19(T) Paper-XI	Thermal and Statistical Physics	4
	PHY/VI/CC/20(P)	LABORATORY – IX	2
	PHY/VI/CC/21(P)	LABORATORY – X	2
	PHY/VI/CC/22(P)	LABORATORY - XI	2
	PHY/VI/CC/23(a)(T) Paper-XII	Solid State Physics-II	4
	PHY/VI/CC/24(P)	LABORATORY - XII	2

8. Students Particulars:

Sl.No	Semester	Applications received 2022-23	Selected 2022-23	Enrolled		Pass percentage
				M	F	
1	I Semester	195	125	60	65	78
2	II Semester		148			79
3	III Semester		145			66
4	IV Semester		78			72
5	V Semester		08			100
6	VI Semester		08			98

9. Student - Teacher Ratio: 20 : 1

10. Annual Average Attendance Percentage of the Student: 96

11. Study tour conducted under year of report:

12. Awards / Recognitions received by faculty and students under reporting year:

13. Details of Faculty qualified for the Ph.D degree under year of report:

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others: (2021-2022)

Sl. No	Name of the Faculty	Course/Title	Organised by	Duration /Date	Level
1	Remlalsiama	1. Virtual workshop on 'Intellectual Property Rights and its Management' on 16.7.2021	Indian Chamber of Commerce and MZU Innovative cell, MZU	One day	National
2	Remlalsiama	'5-Days Faculty Development Programme on E-Teaching' during 30th July to 4th August 2021	Research and Seminar Committee, GZRSC, supported by IQAC, GZRSC	5 days (30th july to 4th august 2021)	College Level
3	Remlalsiama	Emerging Technologies for Sustainable Development : A Way Forward	Raman Centre for Science Communication, IQAC & IAPT, Dr CV. Raman University, Kota, Bilaspur	One day (30.9.2021)	University level
4	Remlalsiama	Attended 1st International Conference on Material Science and Applied Physics	Dept of Physics, Pachhunga University College, Mizoram	22-24 Nov 2021	International

		(ICMSAP-2021)	University		
5	Remlalsiama	Attended and presented two research papers on the XII Biennial National Conference of Physics Academy of North East (PANE 202)	Dept of Physics, Tripura University (A Central University)	15-17 Dec 2021	National
6	Dr. Lawrence Zonunmawia Chhangte	NEP2020: Holistic and Multidisciplinary Education	MZU	7.12.2021	State
7	Dr. Lawrence Zonunmawia Chhangte	Orientation Program for Development of Syllabus for UG courses offered by Mizoram University	MZU	14.12.2021	State
8	Dr. Lawrence Zonunmawia Chhangte	Workshop (virtual) on All India Survey on Higher Education (AISHE 2020-21)	AISHE Mizoram Unit	9.12.2021	State
9	Dr. Lawrence Zonunmawia Chhangte	One-Day Workshop on All India Survey on Higher Education	State Nodal Officer, AISHE.	25.2.2022	State
10	Dr. Lawrence Zonunmawia Chhangte	International Webinar on “Religion and State in the Post-Colonial State of India”	Deptt. Of History, Govt. Aizawl West College	20.11.2021	International
11	Dr. Lawrence Zonunmawia Chhangte	“International Conference on Material Sciences and Applied Physics – ICMSAP-2021)	Deptt. Of Physics, PUC. Attend (and Chaired one Session)	22-24, 11.2021	International
12	Dr. Lawrence Zonunmawia	AISHE Nodal Officer Training	AISHE	8.10.2021	National
13	Dr. Lawrence Zonunmawia Chhangte	Ecosystem Restoration – Reimagine, Recreate and Restore	Deptt. Of Zoology in Collaboration with Research & Seminar Committee, GZRSC	5.6.2021	International Webinar
14	Dr. Rosangliana	DPC 2022 (On line contributed) Theoretical analysis of Photofield emission current near metal surface using transfer Hamiltonian method	DPC 2022, Wroclow, Poland	4-9, Sept. 2022	International Webinar

15. Details of conference/Seminar organized by the department (2021-2022):

Sl.No	Topic	Funded by	Collaborations
1	Webinar on NSD2022 (10 March 2022) “Integrated Approach in Sc.& Technology for Sustainable future”	MISTIC	Jointly organised by Dept. of PHY. GZRSC & MISTIC
2	Webinar on “Chanchin Leh Mizo Pipute Hriatdan” (29.3.2022)	MISTIC	Jointly organised by Dept. of PHY. GZRSC & MISTIC
3	Career Advancement Program	GZRSC	IQAC, GZRSC

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

17. Recognized Research Centre /facility: Radon mapping and Earthquake monitoring project using GeoStation since 2014 till date. Project Under: DAE-BRNS. Research Guide: **Dr. Rosangliana**. One JRF to pursue Ph.D. Degree, registered No. MZU/Ph.D./1003 of 15.05.2017 in the Department of Physics, Mizoram University. He was awarded Degree of Doctor of Philosophy (PhD) in Physics on 26th Sept. 2022 under MZU

18. Number of Faculty as members in

a) **University:** Dr. Rosangliana, BoS Member, MZU

Dr. Lawrence Zonunmawia Chhangte, Moderation Board Member, MZU

b) **State:**

c) **Regional:**

d) **National committees:**

e) **International Committees:**

f) **Editorial Board:**

19. Details of Publications of Faculty (2021-2022):

Sl. No	Name of Faculty	Title of the Paper	Date/Year of Publication	Publisher	ISSN No
1	Remlalsiama	<i>1. Natural Radioactivity measurement using NaI(Tl) detector in soil of oil exploration areas of Mizoram, India</i>	May 2019	<i>International Journal of Research and Analytical Reviews (IJRAR)</i>	E-ISSN : 2348-1269 P-ISSN : 2349-5138
2	Remlalsiama	<i>2. Study of Radon gas concentration at different depth in soil of oil exploration areas within Aizawl district of</i>	April, 2019	<i>Journal of Emerging Technologies and Innovative Research</i>	ISSN : 2349-5162

		<i>Mizoram, India</i>		<i>(JETIR)</i>	
3	Remlalsiama, Z. Pachuau, L.Z. Chhangte, Vanramlawma, Hmingchungnunga, B. Zoliana, B.K Sahoo, B.K Sapra	<i>Natural Radioactivity Measurement Using NaI (TI) Detector in Soil of Oil Exploration Areas of Mizoram, India</i>	May 2019	International Journal of Research and Analytical Reviews	2349-5138
4	Chhangte LZ, Zoliana B, Sahoo BK, Sapra BK, Pachuau Z and Zirliangnura	<i>Annual Inhalation Dose of Indoor Radon and Thoron in Mizoram, India</i>		Research & Development in Material science	2576-8840
5	Dr. Rosangliana	<i>Analysis of Radon Mass Exhalation in Soil Samples from Fault Regions of Kolasib District Mizoram, India</i>	Volume 10 Issue I, January 2022	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2321-9653
6	Dr. Rosangliana	<i>Natural Radioactivity of soil samples using NaI(TI) Detector from Fault regions of Kolasib, Mizoram, India</i>	Vol. 11 Issue 07, July 2022	International Journal for Engineering Research & Technology (IJERT)	2278-0181
7	Dr. Rosangliana	<i>Measurement and Analysis of Radon concentrations in soil gas along Kurlok fault regions of Kolasib district, Mizoram, India</i>	Vol. 11 Issue 06, September 2022	International Journal of Engineering Research & Technology (IJERT)	2278-0181

20. Participation of the department in the courses offered by other departments:

21. Courses in collaboration with other universities, industries, foreign institutions, etc:

22. Extension activities by the department:

23. Library facilities: (Numbers only) : Physics Dept. has its own departmental library containing

a. Textbooks and Reference Books: 25

b. Journals: 3

c. E-Books and E Journals: -

d. Any other:

24. Any other relevant information (reports):

Physics dept is actively pursuing research on Environmental Physics with 3 faculty members involved:

- 1. Dr. Rosangliana:** Radon mapping and Earthquake monitoring project using GeoStation since 2014 till date. Project Under : DAE-BRNS.
- 2. Dr. Lawrence Z. Chhangte:** Analysis of radon and thoron in dwellings with reference to Saiha and Lawngtlai district of Mizoram.
- 3. Mr. Remlalsiama :** Radon characterization in soil of Oil exploration Areas in Mizoram.

K ANNUAL DEPARTMENT REPORT FOR ZOOLOGY DEPARTMENT

1. Name of department : Zoology
2. Year of establishment : 2000
3. a) Name of the Head of Department : H. Lalnunsangi
- b) Phone No (Official) : 9774168652
- c) Email : sangteihnialum6778@gmail.com

4. Brief Introduction of the Department (maximum 200 words):

The Department of Zoology has been established in 2000. The present faculty strength comprises of 5 regular Associate Professors and one attached Associate Professor. As per UGC guidelines (adopted by MZU) the syllabus has introduced recent trends and advanced topic from Bioinformatics, Biotechnology, Molecular Biology, Environment etc. and provides insight into how "life" works, and, consequently, how we work.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Caroline Zaihmingthangi	Associate Professor	M.Sc	Cytogenetics	30 years
2	Dr. Lalzahawmi Chenkual	Associate Professor	M.Sc, Ph.D	Cytogenetics	28 years
3	S. Thangrimawii	Associate Professor	M.Sc	Entomology	27 years
4	H. Lalnunsangi	Associate Professor	M.Sc	Parasitology	26 years
5	Lalrinmawia	Associate Professor	M.Sc, DCA	Parasitic Helminthology	26 years
6	Sailopuii	Associate Professor	M.Sc	Entomology	25x years

6. Number of Teaching and Non-Teaching Staff in the Department:

Designation	Regular		Contract		Part Time		Total	
	M	F	M	F	M	F	M	F
Professor	0	0	0	0	0	0	0	0
Associate Professor	1	5	0	0	0	0	0	0
Assistant Professor	0	0	0	0	0	0	0	0
Lab Assistant	0	0	0	0	0	0	0	0
Lab Attendant	0	0	0	0	0	0	0	0

7. Details of the Courses conducted by the department:

SEM	COURSE TITLE	PAPERS	CODE	CREDITS
A: ELECTIVE COURSE				
I	Biosystematics and Biology of Non-Chordates: Theory	I	ZOO/I/EC/01	4
	Biosystematics and Biology of Non-Chordates: Practical		ZOO/I/EC/02	2
II	Biology of Chordates and Comparative Anatomy: Theory	II	ZOO/II/EC/03	4
	Biology of Chordates and Comparative Anatomy: Practical		ZOO/II/EC/04	2
III	Evolution and Ethology: Theory	III	ZOO/III/EC/05	4
	Evolution and Ethology: Practical		ZOO/III/EC/06	2
IV	Endocrinology and Reproduction Biology: Theory	IV	ZOO/IV/EC/07	4
	Endocrinology and Reproduction Biology: Practical		ZOO/IV/EC/08	2
B. MAJORE CORE COURSE				
V	Cell Biology: Theory	V	ZOO/V/CC/09	4
	Cell Biology: Practical		ZOO/V/CC/10	2
	Animal Physiology: Theory	VI	ZOO/V/CC/11	4
	Animal Physiology: Practical		ZOO/V/CC/12	2
	Biochemistry: Theory	VII	ZOO/V/CC/13	4
	Biochemistry: Practical		ZOO/V/CC/14	2
	Applied Zoology: Theory (Option A)	VIII (A)	ZOO/V/CC/15(A)	4
	Applied Zoology: Practical (Option A)		ZOO/V/CC/16(A)	2
	Entomology: Theory (Option A)	VIII (B)	ZOO/V/CC/15(B)	4
	Entomology: Practical (Option B)		ZOO/V/CC/16(B)	2
VI	Molecular Biology and Genetics: Theory	IX	ZOO/VI/CC/17	4
	Molecular Biology and Genetics: Practical		ZOO/VI/CC/18	2
	Developmental Biology: Theory	X	ZOO/VI/CC/19	4
	Developmental Biology: Practical		ZOO/VI/CC/20	2
	Parasitology and Immunology: Theory	XI	ZOO/VI/CC/21	4
	Parasitology and Immunology: Practical		ZOO/VI/CC/22	2
	Biotechnology and Bioinformatics: Theory (Option A)	XII(A)	ZOO/VI/CC/23(A)	4
	Biotechnology and Bioinformatics: Practical (Option A)		ZOO/VI/CC/24(A)	2
	Animal Ecology and Wildlife: Theory (Option A)	XII (B)	ZOO/VI/CC/23(B)	4
	Animal Ecology and Wildlife: Practical (Option A)		ZOO/VI/CC/24(B)	2

8. Students Particulars:

Sl. No	Semester	Applications received 2021-22	Selected 2021-22	Enrolled		Pass percentage %
				M	F	
1	I Semester	173	173 (50 for Zoo Core)			99.42
2	II Semester	153	153	97	56	98.69
3	III Semester	151	103	46	57	98.05
4	IV Semester	120	96	42	54	100
5	V Semester	41	41	18	23	100
6	VI Semester	41	41	18	23	100

Note: From Zoology VI Semester result of 2021, the following points are noteworthy :

Result table :2021 (Odd Semester)- Christian Varparhi-10.00 SGPA, Thangluangzeli-10.00 SGPA

2022 (Even Semester)-FC Sankey-10th Rank -CGPA 8.99

9. Student - Teacher Ratio : 1:60.8

10. Annual Average Attendance Percentage of the Student : 87%

11. Study tour conducted under year of report: Virtual Field Trip

https://youtu.be/fr_Ab8vc4uY

- 1. Name of Department : Zoology
- 2. Name of Paper : Paper No. ZL XVI A: Virtual Field Trip
- 3. Place/s of Visit : Largest Floating Fish Pond Luoyuan Bay, Fujian Province, China., Fresh water Aquaculture Research and Training Centre (FARTC) Central Institute of Freshwater Aquaculture (CIFA). Kausalyaganga, Bhubaneswar, Orissa.
- 4. Date/s of Visit : 13th October 2021
- 5. Students involved : 5th semester Zoology students (41 Students)

12. Awards / Recognitions received by faculty and students : Nil

13. Details of Faculty qualified for the Ph. D degree under year of report : Nil

14. Paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/others:

Sl. No	Name of Faculty	Seminar/Webinar/ Meeting	Organizers	Duration/ Date	Level
1	H Lalnunsangi	Web on Current Knowledge on Airborne Transmission of Covid-19	Dept. of Bot. & Zoo., Govt Serchhip College	18 th September, 2021	State Level
		Webinar on Rain Water Harvesting and Maintenance of Water Reservoir	NSS and Eco Club, GZRSC	15 th October, 2021	State Level
		Webinar on Climate change and Plant Biodiversity	State Climate Change Cell, (MISTIC) & Dept of Botany, Govt. Serchhip College	26 th November, 2021	State Level
		Web on VIGYAN UTSAV	MISTIC	10 th February, 2022	State Level
		Observation on National Science Day	MISTIC	7 th March, 2022	State Level
		International Webinar on Livelihoods System Modelling	MZU with University of Minnesota, USA	31 st August, 2021	International
		Webinar on "Ocean – A	Paavai Engineering	8 th June,	National

		Treasure of Potent Bio-resources”	College, Tamil Nadu	2021	
2	Dr. Lalzahawmi Chenkual	Current Knowledge on airborne Transmission of Covid-19	Govt. Serchhip College	1 Day	National
		Poster Making Competition and Online Quiz Competition	IQAC, GZRSC	2/10/21	College
		Webinar: NEP 2020: Holistic and Multidisciplinary Education	MZU	7/12/21	National
		Webinar: STI Ecosystem for ATMA Nirbhar Bharat: Indigenous Technologies	MISTIC & STI, Govt. of Mizoram	16/12/21	National
		Capacity Building on Climate Change & Wildlife	MISTIC, DST.	27/1/22	National
		Resource Person: National Science Day by Zoology Dept	MISTIC, DST.	7/3/22	College
		National Science Day by GZRSC	MISTIC, DST	28/2/22	College
		Resource Person: Personality Development Programme 2022	Student Support Com. & IQAC	30/5/22-3/6/22	College
3	C Zaihmingthangi	Participant: National Science Day by Zoology Dept	MISTIC, DST.	7/3/22	College
4	S Thangrimawii	International Webinar on Exploration and Development for Hydrocarbons with special reference to North East India	Mizoram University	2.6.2021	International
		‘Covid-19: Disruption of Life Process Impacting Mental Health’ Webinar	Mizoram University	3.6.2021	International
		Webinar on Ecosystem Restoration- Reimagine, Recreate and Restore.	Department of Zoology, GZRSC	5.6.2021	International
		National Webinar on “Living and Coping with Covid-19: Psychosocial care & Work-Life Balance”	Centre for Disaster Management (MZU) in collaboration with MCTA & Dept of Psychology, PUC	11.6.2021	National
		International Webinar on Understanding Changes in Indigenous Farming System and Livelihood	MZU in collaboration with University of Minnesota, USA	14.6.2021	International
		One Day National webinar on -Plastic waste and its management	St.Francis De Sales College, Nagpur	3rd July 2021	National
		Three Days Webinar on Geography: Issues, Challenges and Relevance	Geography Association of Mizoram.	3 Days 9th-11 th August 2021	National
		National Deworming Day	Department of Parasitology, College of Veterinary Sciences	10 th August 2021	National

			And Animal Husbandry, Central Agricultural University (ISelesih, Aizawl),		
		Biotechnology in Drug discovery & Clinical applications	Mizoram University	1 Day 7 th September 2021	National
		Webinar on Introduction to Altmetrics	Department of Library & Information Science, Mizoram University	1 Day 14 th September 2021	National
		Webinar on Airborne transmission of Covid-19	Department of Botany & Zoology, Serchhip Govt. College.	18 th September 2021	National
		Webinar on Making Frugal Innovation work	Department of management, MZU	One day 13.10.2021	National
		Webinar on Dare to dream= Women in Tech	WEDO & MZU	One day 14.10.21	National
		Faculty Development programme on Implementation of NEP 2020 in higher education	RKDF University, Bhopal(MP)	One week 17-23/2/2022	National
		FDP on ' Research quality , Teaching Learning and Evaluation'	Govt. Motilal Vigyan Mahavidyalaya, Bhopal	One week 10th-16th March 2022	National
5	Lairinmawia	Participants : International Webinar <i>On Capacity Development of skill for works and life</i>	IQAC, T. Romana College	16-18 February, 2022	International Webinar
		Participant: Hands on training on Public finance Management system (PFMS)	State Project Directorate (RUSA) H&TE	10/1/2022	State Level
		Harmful effects of Fire Crackers -Higher & Technical Education	Zoology Dept	21 st January, 2022	College level
		Students Webinar	Organizing Chairman	17 February 2022	Class Level
		Webinar on Brain Interface, on National Science Day-2022	Dept of Zoology, GZRSV	7 Mar 2022	College
		Resource person Webinar on Brain Interface	College level	7 Mar 2022	Webinar
		Students Webinar	Class Level	10-14 Sept 2022	Organizing Chairman
		National webinar on water resource management in North east India	National Mission on Himalayan studies & MZU	5.8.2021	National Level
		Career Guidance & Opportunities	Department of Biochemistry, GZRSC	31.7.2021	National Level
		Hands on Training	Department of Zoology, GZRSC	20.7.2021	Department Level
7	Sailopuii	Ecosystem Restoration	Dept of Zoology & Seminar Com.	11.6.21 2hrs	International
		Living and Coping with Covid-19: Psychological Care	CTA & Dept of Psychology, PUC	15.10.21	State Level

	& Work - Life Balance'			
	Webinar on 'Rainwater Harvesting and Maintenance of Water Reservoir'	NSS & Eco Club, GZRSC	7:30-9:00 PM	State Level
	CLIMATE CHANGE	HRDC, MZU	2hrs 9.4.2022	National

15. Details of conference/Seminar/Webinar organized by the department:

	TOPIC	FUNDED BY	COLLABORATIONS/ DATE
1.	Observation of National Science Day	MISTIC	Zoology Deptt. GZRSC 7 th March, 2022

16. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: N/A

17. Recognised Research Centre /facility: N/A

18. Number of Faculty as members in

a) University : Dr Lalzahawmi Chenkual, Member-BOS and Moderation Board, MZU

b) State : 1) Dr Lalzahawmi Chenkual, ex-Officio member, State Wetland Authority

2) Caroline Zaihmingthangi, Member, MAS

3) S. Thangrimawii, Member, MAS

4) H. Lalnunsangi, Member, MAS

5) Lalrinmawia, Member, MAS

6) Sailopuii, Member, MAS

c) Regional : N/A

d) National committees: N/A

e) International Committees : N/A

f) Editorial Board : N/A

19. Details of Publications of Faculty : N/A

20. Participation of the department in the courses offered by other departments : N/A

21. Courses in collaboration with other universities, industries, foreign institutions, etc : N/A

22. Extension activities by the department:

- i. Web-based programming activities are used extensively in are used to support teaching and learning activities .

- ii. Short Course Programme for MS Access and video Tutorial on Virtual Class Android apps, etc <https://youtu.be/koSZvg3fjdI>
<https://youtu.be/RXqLBeJ8yg>

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books	: 67
b. Journals	: 2
c. E-Books and E Journals	: 58
d. Any other	: N/A

24. Any other relevant information(reports):

S/No	Year	Teacher	Name Of The Body In Which Full Time Teacher Participated
1	24/8/2021	H. Lalnunsangi	Setting of confidential paper in connection with the under graduate I, III and V Semester Examinations, 2021. Zoo/V/CC/15a (V Semester)
2	24/8/2021	H. Lalnunsangi	Setting of confidential paper in connection with the under graduate I, III and V Semester Examinations, 2021. Zoo/V/CC/13 (V Semester)
3.	1.4.2022	H. Lalnunsangi	Appointment as Answer script examiner for Vth Semester Zoology
4	10 th .Nov-7 th .Dec.2021	H. Lalnunsangi	Invigilation of UG online programme of I,III & V Semester
5	29/04/2022	H. Lalnunsangi	Invigilation of UG End Semester Examinations during 2 nd -30 th May 2022.
1	14/01/2021	Dr. Lalzahawmi Chenkual	Attended Meeting of State Wetland Authority for the State of Mizoram in PCCF Conference Hall, Tuikhuahtlang, Aizawl.
2	20/04/2021	Dr. Lalzahawmi Chenkual	Attended BoS Meeting in Zoology (Blended mode)
3	16/08/2021	Dr. Lalzahawmi Chenkual	Performed her duty as Answer Script Examiner for Even Semester Examination in Zoology Department.
4	03/12/2021	Dr. Lalzahawmi Chenkual	Appointment as Committee member to formulate the UG Curriculum under MZU in line with NEP 2020 guidelines.
5	10/11-7/12/2021	Dr. Lalzahawmi Chenkual	Invigilation of UG Online Examination
6	24/08/2021	Dr. Lalzahawmi Chenkual	Setting of confidential paper in connection with the under graduate II, IV and VI Semester Examinations, 2022. Zoo/V/CC/009 (V Semester)
7	7/09/2021	Dr. Lalzahawmi Chenkual	Attended Moderation Board Meeting for Odd Semester Examination to be held during Nov-Dec 2021
8	29/04/2022	Dr. Lalzahawmi Chenkual	Invigilation of UG End Semester Examinations during 2 nd -30 th May 2022.
1	24/8/2021	S.Thangrimawii	Setting of confidential paper in connection with the under graduate I, III and V Semester Examinations, 2021. Zoo/III/EC/05 (III Semester)

2	9/11/2021	S.Thangrimawii	Appointment as Answer script examiner for 3 rd Semester Zoology
3	30/11/2021	S.Thangrimawii	Appointment of paper scrutinizer for UG-5 th Semester Examination.
4	11/1/2022	S.Thangrimawii	Setting of confidential paper in connection with the under graduate II, IV and VI Semester Examinations, 2022. Zoo/II/EC/03 (II Semester)
5	29/4/2022	S.Thangrimawii	Appointment as Answer script examiner for 2 nd Semester Zoology
6	29/04/2022	S.Thangrimawii	Invigilation of UG End Semester Examinations during 2 nd -30 th May 2022.
7		Performance certificate	
1	14/01/2022	Lalrinmawia	Awareness campaign about the harmful effects of firecrackers
2	26/10/2021	Lalrinmawia	Purchase Board Meeting
3	1.7.2022	Lalrinmawia	Appointment as Answer script examiner for V th Semester Zoology
4	1.7.2022	Lalrinmawia	Appointment as Answer script examiner for V th Semester Zoology
5	21-26.4.2022	Lalrinmawia	Appointment as external examiner for V th Semester Zoology at PUC
6	21/3/2022	Lalrinmawia	Appointment as external examiner for sixth Semester Zoology

3. UNIVERSITY RANK HOLDER FOR THE YEAR 2022

Rank Holders: -

UNIVERSITY GOLD MEDALISTS

1. Bachelor of Science 1907BS104 Lalparvuli Botany CGPA 9.64
2. Bachelor of Science 1907BH002 Lalremkimi Home Science CGPA 8.60

UNIVERSITY RANK HOLDERS

Sl. No	Department	Roll No	Name	Rank	CGPA
1	Botany	1907BS104	Lalparvuli	1 st	9.64
		1907BS092	Lallawmawmi	2 nd	9.46
		1907BS022	C. Ngongia	10 th	8.80
2	Electronics	1907BS061	John Lalmuanawma	1 st	8.60
		1907BS122	Lalruatsaka	2 nd	8.46
3	Chemistry	1907BS014	C. Laldintluangi	10 th	8.56
4	Zoology	1907BS039	FC Sankey	10 th	8.99
5	Physics	1907BS018	C. Lalneihluanga	6 th	8.48
6	Geology	1907BS169	TC Lalrammuana	8 th	8.18
7	B.Sc. (Home Science)	1907BH012	Lalremkimi	1 st	8.60
		1907BH003	C. Lalthanpuii	2 nd	8.50
		1907BH008	Lalmangaihzuali	3 rd	8.36
		1907BH020	Zodintluanga	4 th	8.21
		1907BH002	C. Lalremsangi	5 th	8.01
		1907BH007	K. Vanlalruati	6 th	7.99
		1907BH006	H. Lalmuanpuii	7 th	7.90
		1907BH015	Lily K. Lalmawizuali	8 th	7.86
		1907BH005	C. Vanlalruati	9 th	7.99
8	BCA	1907BCA008	Lalremruati	2 nd	8.50
		1907BCA012	Samuel Lalramdintluanga	6 th	8.24
		1907BCA003	Johan Lalremruata	8 th	8.08
		1907BCA004	Laldinsanga	9 th	8.06
		Total	24		

4. ANALYSIS OF UNIVERSITY RESULTS 2022
BACHELOR OF SCIENCE

SIXTH SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2019	166	166	155	11	93.37
Repeater	2018	3	3	nil	3	0
Total		169	169	155	3	91.71

Highest CGPA

<i>Botany</i>	<i>1907BS104</i>	<i>Lalparvuli</i>	<i>9.64 CGPA</i>
<i>Zoology</i>	<i>1907BS039</i>	<i>FC Sankey</i>	<i>8.99 CGPA</i>
<i>Chemistry</i>	<i>1907BS014</i>	<i>C. Laldintluangi</i>	<i>8.56 CGPA</i>
<i>Physics</i>	<i>1907BS062</i>	<i>John Lalrinawma</i>	<i>8.23 CGPA</i>
<i>Mathematics</i>	<i>1907BS191</i>	<i>Jokebedi Jerusalemngia</i>	<i>8.41 CGPA</i>
<i>Geology</i>	<i>1907BS018</i>	<i>C. Lalneihluangi</i>	<i>8.48 CGPA</i>
<i>Electronics</i>	<i>1907BS061</i>	<i>John Lalmuanawma</i>	<i>8.60 CGPA</i>

Department	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Botany	39	39	35	4	92.30
Zoology	41	41	41	nil	100
Chemistry	23	23	20	3	86.95
Physics	8	8	6	2	75
Mathematics	36	36	34	2	94.44
Geology	7	7	7	nil	100
Electronics	12	12	12	nil	100

FOURTH SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2007	195	195	194	1	99.49
Repeater	1707	2	2	2	nil	100
Total		197	197	196	1	99.49

Highest SGPA *2007BS183 Rohlupuii (Physical Science) 9.83 (Phy, Math, Elec)*
2007BS229 Zothanpuii (Physical Science) 9.83 (Phy, Math, Geol)
2007BS185 Rosangzeli (Life Science) 10.00 (Bot, Chem, Zoo)

Department	No. of students	No. of student appeared	Passed	Failed	Pass percentage
EVS	195	195	194	1	99.48
Botany	76	76	76	nil	100
Zoology	96	96	96	nil	100
Chemistry	130	130	130	nil	100
Biochemistry	20	20	20	nil	100
Physics	99	99	99	nil	100
Mathematics	99	99	97	1	98.97
Geology	36	36	35	1	97.22
Electronics	29	29	29	nil	100

SECOND SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2107	297	297	292	5	98.31
Repeater	1707	2	2	2	nil	100
	1907	2	2	2	nil	100
	2007	2	2	1	1	50
Total		303	303	297	6	98.01

Highest SGPA

2107BS046	Elizabeth Malsawmdawngliani (Life Science)	9.17 (Bot, Chem, Zoo)
2107BS014	B. Lalremsangi (Physical Science)	9.39 (Math, Phy, Geol)
2107BS028	C. Lalremkimi (Physical Science)	9.39 (Math, Phy, Geol)
2107BS057	FlorenceNgotakapaw Nohro (Physical Science)	9.39 (Math, Phy, Geol)
2107BS083	Janet Laldnpuii (Physical Science)	9.39 (Math, Phy, Geol)
2107BS176	Lalruatpuii (Physical Science)	9.39 (Math, Phy, Geol)
2107BS189	Laltlanhlui (Physical Science)	9.39 (Math, Phy, Elec)
2107BS283	Surja Bahadur (Physical Science)	9.39 (Math, Phy, Chem)
2107BS315	Viany Lalngaihawma (Physical Science)	9.39 (Math, Phy, Geol)

Department	No. of students	No. of student appeared	Passed	Failed	Pass percentage
English	297	297	295	2	99.32
Botany	103	103	103	nil	100
Zoology	153	153	151	2	98.69
Chemistry	192	192	191	1	99.47
Biochemistry	28	28	28	nil	100
Physics	144	144	142	2	98.61
Mathematics	144	144	143	1	99.30
Geology	60	60	60	nil	100
Electronics	67	67	67	nil	100

BACHELOR OF SCIENCE (HOME SCIENCE)**SIXTH SEMESTER**

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2019	18	18	18	nil	100
Repeater	2018	1	1	1	nil	100
Total		19	19	19	nil	100

Highest CGPA 1907BH012 Lalremkimi 8.60

FOURTH SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2007	37	37	36	1	97.30

Highest SGPA 2007BH038 Saipari 9.70

SECOND SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2021	15	15	15	nil	100
Repeater	2017	1	1	1	nil	100
Total		16	16	16	nil	100

Highest SGPA 2107BH013 T. Vanlalruati 9.00

BACHELOR OF COMPUTER APPLICATION (BCA)

SIXTH SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2019	18	18	18	nil	100

Highest CGPA 1907BCA008 Lalremruati 8.92

FOURTH SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2020	29	29	29	nil	100
Repeater	2018	1	1	1	nil	100
Total		30	30	30	nil	100

Highest SGPA 2107BCA008 K. Muansiama 9.65 SGPA

SECOND SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2021	41	41	39	2	95.12
Repeater	2018	1	1	1	nil	100
	2019	1	1	1	nil	100
	2020	1	1	1	nil	100
Total		44	44	42	2	95.45

Highest SGPA 2107BCA039 Vanlalawmpuia 9.00 SGPA

5. STUDENTS MENTORING SYSTEM ODD SEMESTER
MENTORING REPORT ODD SEMESTER 2021 (INTRODUCTORY REPORT)

Sl. No	Department	Faculty (Mentor)		No. of Mentees reported as on JULY 2021	Aim in Life
		Sl. No	Name		
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>
1	HOME SCIENCE	1	LALSANGLIANI KHAWLHRING	7	Designer, Dietician, To Own A Café Shop, Lecturer, Nurse, Further Studies, Professional Chef
		2	LALSANGKIMI HMAR	6	Fashion Designer, Academic, Dietician, Food Technician, Social Work
		3	LALHMINGLIANI HLONDO	6	Teaching line, Dietician, Chef
		4	VANLALLAWMI	6	Interior Designer, Police Officer, Top Chef, Dietician, Chef
		5	LALTHANPUII RALTE	7	Child Psychologist/Open a pre-school, Dietician, Competitive Exams, Business, Health worker, Teacher
		6	C. LALRAMDINA	5	Mizoram Civil Service, Business, Mizoram Civil Service, Dietician, Fashion Designer, Teacher
		7	MARIA LALHMINGMAWII	6	Fashion Designer, Dietician, Chef, Professional Chef
		8	LALRAMMAWII	6	Missionary, dietician, Health worker, Nutritionist.
		9	LALRINGHETI RALTE	6	Dietician, M.Sc, Food and Nutrition, Professor, Nurse.
		10	MIMI LALMUANAWMI	5	Teacher, Dietician, Nurse
		11	REBECCA LALNUNTLUANGI	6	Nurse, Dietician, Interior Designer, Teacher
		12	C ZARZOKIMI	6	Dietician, Chef
2	PHYSICS	1	DR. ARUP KUMAR	8	Theoretical Physicist (Particle physics), IAS or Army Officer, Army Officer, Teacher, Civil services Or Private Businessman
		2	DR. ROSANGLIANA	13	-
		3	M.I. SINGH	17	Army Officer, Computer Engineer, Civil Engineer, To become a rich man at any cost, Army Officer, Mechanical Engineer, Astrophysicist, Geologist
		4	REMLALSIAAMA	12	Police Officer, Teacher, Electronics engineering, Professor, Bank Probationary Officer
		5	DR LAWRENCE ZONUNMAWIA	18	Software Engineer, Engineer, B.Sc. Graduate, Police Officer, Teacher, Electronics engineering, Professor, Bank Probationary Officer/ Mathematics Professor, Pilot, Civil Engineer
3	GEOLOGY	1	DR C. ZORAMTHARA	18	MCS, Teacher, Competitive Exam, Engineer, Teacher, Bank Officer, Graphic Designer, Bank Office, Engineer, Teacher, Lecturer, MBBS, Bank Officer, Engineer, Academician, Army Officer
		2	DR. C. LALMUANKIMI	7	Civil Service, Geologist, British Army, Petrological Engineer, Geologist/Civil Service, Mining Engineer/ Bank Officer
		3	LALTLANKIMA	14	-
		4	DR C. LALREMRUATFELA	18	Physics teacher, Indian Foreign Service, navy officer, police officer, teacher, professor, Engineer, army officer, Nurse
4	ENGLISH	1	LALTLUANGKIMI HNAMTE	19	Cardiologist, Professor, Indian Army, Nurse, Teacher, Navy Officer, Medical Doctor, Army Doctor, Gynaecologist or Forensic Expert
		2	LALRINSANGI NGHINGLOVA	21	Veterinary doctor, B.Sc (Nursing), higher studies, agriculturist, Civil Service exams

		3	LALMALSAWMI CHHANGTE	21	agriculture line, doctor, nurse, army doctor, research, defence doctor, floriculturist, dental surgeon, movie director
		4	LALRINPUII ROKHUM	21	doctor, nurse, dermatologist, army officer, med, bed, professor
5	BOTANY	1	DR. R. LALENGMAWIA	19	Teacher, lecturer, Police Officer, Central Service, Doctor, Microbiologist, Agriculture Engineering, Indian Forest Service
		2	ZODINPUII	18	Doctor, Lecturer, Vety Doctor, Lab Technician, Army officer, Military Nursing Service, Agriculture Officer, IFS, Business
		3	LALTLANCHHUNGI	15	Veterinarian, Lawyer, Professor, Doctor, Great Farmer, IAS, Army Officer, IFS, Shopkeeper
		4	LALRINTLUANGI	40	Doctor, IAS, Any medical line, Police officer, Teacher, Research scientist, Microbiologist, Civil Service, Pharmacist/ Lecturer, Footballer, Agricultural Officer, Lecturer, Veterinarian/ Nurse, MNS, Horticulture officer
		5	MARY LALTHANSANGI	20	Officer in horticulture or forestry field, Professor, IFS or MCS officer, entrepreneur, IFS officer, dietician, biotechnology laboratory researcher, doctor, Central Services, vety doctor
		6	LALREMRUATI HMAR	15	doctor, Civil Service, Army Officer, Analytical chemist, Teacher, Forest service, Lecturer, Professor, pharmacist
		7	LALNUNTHARA	20	Teacher, Lecturer, Nurse, Doctor, Marine biologist
		8	LALTHANPUII HNAMTE	15	Lecturer, Professor, Bsc Agriculture (preparing for SMATEE), Pharmacist, Doctor, Nurse, Professor/ IAS, Marine Biologist/ Ecologist, teacher, Police Officer, Forest Officer
6	ELECTRONICS	1	PROF. B. ZOLIANA		PRINCIPAL
		2	DR. RICKY LALHMANGAIHZUALA	12	Civil service, Government job or business, Army Officer, teacher, lecturer, professor, CDS Exam, higher studies, MCS, Private business, Engineer
		3	DR. P.C. ROHMINGLIANA	13	Lecturer, Army officer, MCS Aspirant, Teacher, Banking, Engineer, Professor, Engineering and architecture, Artist and create new things, Army, Travel a world
		4	DR LALRINMAWIA PUNTE	18	Professor/CDS, Engineer, Teacher, Music Producer and Explorer around the world, Computer Engineer, physicist, Army, Navy officer
		5	DR LALTHANPUII KHIANGTE	17	Professor, Army Officer, Mathematics Professor, Programmer, Primarily to work in medical field, higher studies, Military Officer, Lecturer or Office work, Engineer, Teacher
		5	REGINALD VANLALCHAKA	13	Banking, Scientist, Astrophysicist, Army Officer, I.A.F, Central Service, Professor, Physicist
7	MATHEMATICS	1	L.B. SINGH	18	Lecturer, IAS officer, Professor, competitive exam, mathematician, Lecturer, Bank officer or any Govt. Officer Teacher
		2	PARIJAT KUMAR	18	-
		3	DR.R LALAWMPUII	13	Professor/Lecturer,Geophysicist,Geoscientist/Actuarie s,Professor,Illustrator,MPS officer, Geologist
		44	DAVID ROSANGLIANA	16	Professor or Higher Teacher, Automobile Engineer, Teacher, Astronomer, Lecturer, Air force Officer, Navy Officer, Civil servant, Defence Officer, Engineer
		5	LALTLANHLUI	17	Engineer, Indian Police Services (IPS), Teacher, Doctor, Army Officer, Civil Service, Lecturer, IPS, Civil Engineer, Electrical Engineer, Physicist, Professor
8	EMIS	1	DR LALHMINGLIANA HNAMTE	13	-

		2	ZONUNTHARI	11	Teacher, Professor, Army officer, Mcs, Professor, Teacher
		3	DR. K.B. SINGH	12	Lecture, Professor, Teacher, Nurse
		4	DR SAMUEL LALLIANRAWNA	16	-
		5	LALRAMENGZAMI	13	Lecturer, Teacher, Professor, Businessman, Civil Service, Bank Manager
		6	DR. LALSAIMAWIA SAILO	17	Lecturer, Army Officer, Engineer/ Lecturer, Civil Engineer, Professor, computer Engineer, Navy or Air Force Officer, Scientist
		9	COMPUTER SCIENCES	1	DR M.S.DAWNGLIANI
2	LALHRUAITLUANGA			8	-
3	C. LALRINAWMA			10	Data Scientists, Bank Lam, Business Man, Graphic Designer, Software Engineer, Business Man, Software Developer, Graphics designer, Web designer
4	LALDINGLIANA SAILO			16	Web Designer, Govt. Job, software Developer, CGI artist, Data Scientist, Lecturer, SSB, MCA Software Engineer, Business, Banking, Army Officer, MCA
5	R.LALMAWIPUII			14	CBI Officer, Software Engineer, Software Developer, Software Programmer, Web Designer, Interior Designer
6	LALSANGZUALI			9	developer, Programmer ,Bank Accountant/Bank Manager, MIS,MCA or Central Service, Marketing, Engineer
7	H.THANGKHANHAU			14	Software engineer, Govt. Servant, Software Developer, Cyber security, Businessman, web developer, Programmer, army officer
8	VANLALLURA			10	Bank Manager, Web/Software developer, Software engineer, @Google or Amazon Company
10	ZOOLOGY	1	CAROLINE ZAIHMINGTHANGI	19	MSc.Chemical Engineer, Mizoram Police Service, Herpetologist, India Army Officer, Msc in Botany, NEET & SMATEE, MCS, Pharmacist, MCS,IAS/MCS, MNS, Pharmacist
		2	DR. LALZAHAWMI CHENKUAL	14	Family businessmen, teacher in higher Secondary school, College Professor, teacher, veterinary nurse, businessman
		3	H.LALNUNSANGI	14	Mcs,Zoology, Lecturer, Professor, Management Consulting Service, Lawyer, Military Nursing, Civil Service
		4	S. THANGRIMAWII	19	Doctor, Professor, MCS, Biotechnician, Civil Service, Army Doctor, Bussinessman, Central service, Veterinary Doctor, Agriculturist
		5	SAILOPUII	19	Lecturer, Forensic Scientist, Police Officer, Pathologist, Pharmacist/Geologist, Veterinary Doctor, Neurosurgeon, Teacher, Health worker, Dermatologist, Surgeon, Doctor, Military Service, Military Nursing Service
		6	LALRINMAWIA	13	Professor, Teacher ,Civil Service/lecturer, Educated Lady
11	BIOCHEMISTRY	1	DR FANAI LALSANGLUAI	10	Professor, Dentist, Computer Mechanics/ Applications, Civil Service, Medical Doctor, Academic Researcher/ Real Estate Agent
		2	LALROSANGPUII	14	Doctor ,Scientific Researcher, Vety Doctor, Teacher, Army nurse, Pharmacist, Dermatologist
		3	K ZOSANGPUII	14	Officer, Salvation Army Officer
		4	DR REBECCA VANLALSANGI	11	Professor, Doctor, competitive exam ,successful independent woman, Army Officer
		5	DR PC LALRINFELA	14	MBBS, Teacher, forensic officer (analyst), doctor (Physician) or pharmacist, Zoologist, Businessman, nurse

MENTORING REPORT ODD SEMESTER 2021 (FIRST MENTEE REPORT)

Sl. No	Department	Faculty (Mentor)		No. of Mentees reported as on III.V. 2021	No of Mentees less of 75% attendance	No of Mentee secured less than 40% in the 1st test	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>
1	HOME SCIENCE	1	LALSANGLIANI KHAWLHRING	7	0	0	I have no negative remarks on my mentees except for one whom I have mentioned in my Parent's report. (Roll no :31)
		2	LALSANGKIMI HMAR	6	0	0	Their attendance are good. But their performances in the 1 st internal were not satisfactory, they are expected to do better than this.
		3	LALHMINGLIANI HLONDO	6	0	0	No such problem reported
		4	VANLALLAWMI	6	0	0	No such problem reported
		5	LALTHANPUII RALTE	7	0	0	All my mentees have performed very well in their first internal test, attendance is also very good.
		6	C. LALRAMDINA	5	0	0	Their attendance are good. But their performances in the 1 st internal were not satisfactory, they are expected to do better than this.
		7	MARIA LALHMINGMAWII	6	0	0	No such problem reported
		8	LALRAMMAWII	6	0	0	No such problem reported
		9	LALRINNGHETI RALTE	6	0	0	No such problem reported
		10	MIMI LALMUANAWMI	5	0	0	All the mentees secured good marks in the 1 st internal assessment and their attendance is also good.
		11	REBECCA LALNUNTLUANGI	6	0	0	All mentees did not faced any problem so far, gave advice to work more harder to improve more.
		12	C ZARZOKIMI	6	0	0	Both academic and attendance percentage are good in all mentees
2	PHYSICS	1	DR. ARUP KUMAR	8	0	0	All are very good & sincere
		2	DR. ROSANGLIANA	13	0	0	No such problem reported
		3	M.I. SINGH	15	1	0	Almost all the students have shown excellent and outstanding performance in the 1st CA test. Due to power intermittent and net issues students faced lots of problem while attending classes. 80% students maintained more than 90% attendance.
		4	REMLALSIAAMA	12	1	0	Some students have developed laziness in studies while on online studies. Students also seems to have lost sincerity in studies in online mode of studied. This is very serious.
		5	DR LAWRENCE ZONUNMAWIA	18	1	0	Students need to work harder in Physics & Mathematics
3	GEOLOGY	1	DR C. ZORAMTHARA	18	1	1	C. Lalrinmawia, Roll No. 37 joined B.Tech at Mizoram University Vanlalmalsawmtluanga, Roll No. 174 joined the College just before 1st Internal Examination and could not appear in 1st Internal exam
		2	DR. C. LALMUANKIMI	7	0	0	No such problem reported
		3	LALTLANKIMA	14	3	0	No such problem reported
		4	DR C. LALREMRUATFELA	18	2	1	Several students are facing difficulties with power shortage and internet

							connection. They are advised to study hard and give more effort in these hard times.
4	ENGLISH	1	LALTLUANGKIMI HNAME	19	1	0	Except for Roll No 188, whose parents need him to work in the jhum where he could not get any network. Most mentees could attend classes properly and secured more than average marks. The mentor had tried calling the parents of Ruatdika but has not yet succeeded.
		2	LALRINSANGI NGHINGLOVA	21	2	0	Most of my mentees have performed well in the first internal test with 8 of them scoring above 80 %.Except for one student who has not appeared for the test all my mentees have passed in their exams
		3	LALMALSAWMI CHHANGTE	7	0	0	No such problem reported
		4	LALRINPUII ROKHUM	21	7	0	Due to internet issue, some of my mentees' attendances are poor.
5	BOTANY	1	DR. R. LALENGMAWIA	19	1	0	Have a high expectation on this batch
		2	ZODINPUII	15	1	0	No such problem reported
		3	LALTLANCHHUNGI	15	0	0	Attendance and marks of all mentees are satisfactoryand all are informed to work harder to have a better result
		4	LALRINTLUANGI	40	2	0	1.Roll no- 88 attendance(55%) and marks (47%) is very less due to the following reason (a) He did not sit for chemistry exam . He joined Geology instead of Chemistry class and was not prepared for chemistry exam since it was already late. (b)His phone does not work properly (c) The main reason is that he gives full concentration in preparing for Smatee Exam. 2. Roll no- 56, her attendance is 72% only as she was facing internet problem. 3. Apart from these two all my mentees attendance and marks are good.
		5	MARY LALTHANSANGI	20	0	0	Overall, all the mentees have done very well although a few students have lagged behind their peers. A few are facing family issues which has affected their performance. They have been encouraged to do better.
		6	LALREM RUATI HMAR	15	1	0	Out of 15 students, 7 of them are from outside Aizawl city, but most of them do not face much internet problems , 2/3 students are expected to secure high marks in university exams.
		7	LALNUNTHARA	17	3	0	Test marks are OK. Attendance of 3 students are not sufficient
		8	LALTHANPUII HNAME	15	0	0	All acquired the university norms in 1 CAT marks and attendance, although more efforts must be given in each subjects.
6	ELECTRONICS	1	PROF. B. ZOLIANA				PRINCIPAL
		2	DR. RICKY LALHMANGAIHZUALA	12	0	0	Very Good in Mark and attendance Lowest Mark – 77.08% Highest Mark – 93.06 % Lowest Attendance – 89.09 % Highest Attendance – 100%
		3	DR. P.C. ROHMINGLIANA	13	2	1	Poor Internet signal is their main

						problem.	
		4	DR LALRINMAWIA PUNTE	18	1	0	All Students have good results; One has poor attendance
			DR LALTHANPUII KHIANGTE	17	0	0	All acquired the university norms in 1 CAT marks and attendance, although more efforts must be given in each subjects.
		5	REGINALD VANLALCHAKA	13	0	0	Most of them live in remote area and have sometimes issues with power supply and network connectivity.
7	MATHEMATICS	1	L.B. SINGH	18	0	0	No such problem reported
		2	PARIJAT KUMAR	18	0	0	No such problem reported
		3	DR.R LALAWMPUII	13	1	0	The overall performance of my Mentees is satisfactory
		4	DAVID ROSANGLIANA	16	1	0	3 have left College, 1 in PUC for B.Sc, 1 in MZU for B.Tech, 1 is from Nisapui, Kolasib District and said he will try JEE in the next year
		5	LALTLANHLUI	17	7	1	No such problem reported
8	CHEMISTRY	1	DR LALHMINGLIANA HNAMTE	13	0	1	He did not appear for the chemistry exam due to personal problem.
		2	ZONUNTHARI	11	1	0	No such problem reported
		3	DR. K.B. SINGH	12	2	0	No such problem reported
		4	DR SAMUEL LALLIANRAWNA	16	0	0	None of the mentees seems to have particular problem in attending online classes
		5	LALRAMENGZAMI	13	0	0	No such problem reported
		6	DR. LALSAIMAWIA SAILO	17	2	0	No such problem reported
9	COMPUTER SCIENCE	1	DR M.S.DAWNGLIANI	10	1	0	Though some mentees are very sincere, some of them have difficulty in concentrating in their studies due to network problem and lack of offline practical classes.
		2	LALHRUAITLUANGA	8	2	0	No such problem reported
		3	C. LALRINAWMA	10	1	0	No such problem reported
		4	LALDINGLIANA SAILO	12	2	0	Two students (Rno 39 & 44 has drop out)
		5	R.LALMAWIPUII	14	1	0	<ul style="list-style-type: none"> • Most problems face is internet connectivity and power supply • Some students have problem regarding practical as they did not have computer at home
		6	LALSANGZUALI	9	2	0	No such problem reported
		7	H.THANGKHANHAU	14	1	0	No such problem reported
		8	VANLALLURA	10	4	0	No such problem reported
10	ZOOLOGY	1	CAROLINE ZAIHMINGTHANGI	19	1	0	Most of them complain about the weak Internet connection
		2	DR. LALZAHAWMI CHENKUAL	14	0	0	All of them are having good behaviour and conduct. They receive support from their respective families. They have done very well in the first internal examination also.
		3	H.LALNUNSANGI	14	1	0	No such problem reported
		4	S. THANGRIMAWII	19	0	0	<ol style="list-style-type: none"> 1. My mentees are doing well in the test with good attendance. Though Some of them who are staying in the villages are facing issues on power supply and internet connections. This is reflected in their attendance. 2. Almost all of my mentees find chemistry difficult. 3. One of my mentees is interested about the CCC course. 4. T. VANLALPEKHLUA, Roll No-2007BS201 left the course has joined BCA in our college.

		5	SAILOPUII	19	3	0	All are doing fine, some of them have internet issues
		6	LALRINMAWIA	13	5	0	good in academic record and no specific problem except 5 students
11	BIOCHEMISTRY	1	DR FANAI LALSANGLUAI	10	0	0	No such problem reported
		2	LALROSANGPUII	14	3	1	1. Roll no- 88 attendance(55%) and marks (47%) is very less due to the following reason (a) He did not sit for chemistry exam . He joined Geology instead of Chemistry class and was not prepared for chemistry exam since it was already late. (b) His phone does not work properly (c) The main reason is that he gives full concentration in preparing for Smatee Exam. 2. Roll no- 56, her attendance is 72% only as she was facing internet problem 3. Apart from these two all my mentees attendance and marks are good.
		3	K ZOSANGPUII	12	3	0	Some of my mentees are from remote areas, internet connectivity is very poor and some of them have to travel to the mountains everyday around 10kms to attend online classes, so their attendance is a bit poor
		4	DR REBECCA VANLALSANGI	11	1	0	<ul style="list-style-type: none"> • Most of the students have good attendance and record • 2 students, Fh Venhima and Gracy K. Romawii did not take mentor mentee meeting seriously, they were absent without any explanation inspite of prior notice for the meeting • K.Zonunthari underwent minor operation and was still recovering till date
		5	DR PC LALRINFELA	14	1	0	Attendance and performance are quite well. But they can do better with more hard work

MENTORING REPORT ODD SEMESTER 2021 (SECOND MENTEE REPORT)

Sl. No	Department	Faculty (Mentor)		No. of Mentees reported as on JULY 2021	No of Mentees less of 75% attendance	No of Mentee secured less than 40% in the 2nd	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>
1	HOME SCIENCE	1	LALSANGLIANI KHAWLHRING	7	0	0	Achievements not bad but if they put their best effort ,their results would have been much better
		2	LALSANGKIMI HMAR	6	0	0	Their attendance are good But they have to work harder to score more.
		3	LALHMINGLIANI HLONDO	6	0	0	Attendance is satisfactory but there is room for improvement with encouragements from teachers.
		4	VANLALLAWMI	6	0	0	No such problem reported
		5	LALTHANPUII RALTE	7	0	0	All my mentees have performed very well in their 2 nd internal test, attendance is also very good.
		6	C. LALRAMDINA	5	0	0	Their attendances are good. But they need to work harder. Only two of them improved in 2 nd internal exam.
		7	MARIA LALHMINGMAWII	6	0	0	Overall result is fairly good
		8	LALRAMMAWII	6	0	0	All my mentees are doing quite well. None of them reported any specific problems.
		9	LALRINNGHETI RALTE	6	0	0	All of them are quite sincere and were ready to listen to any advise which was given by their mentor
		10	MIMI LALMUANAWMI	5	0	0	All the mentees secured good marks in the 2 nd internal assessment and their attendance is also good.
		11	REBECCA LALNUNTLUANGI	6	0	0	All mentees did not faced any problem so far, gave advice to work more harder to improve more.
		12	C ZARZOKIMI	6	0	0	Both academic and attendance percentage are good in all mentees
2	PHYSICS	1	DR. ARUP KUMAR	8	0	0	All are very good & sincere
		2	DR. ROSANGLIANA	13	0	0	No such problem reported
		3	M.I. SINGH	15	1	0	Almost all the students have shown excellent and outstanding performance in the 1st CA test. Due to power intermittent and net issues students faced lots of problem while attending classes. 80% students maintained more than 90% attendance. Except one student, overall performance of the students is more than 70%, which is not bad at all.
		4	REMLALSIAAMA	12	1	0	Some students have developed laziness in studies while on online studies. Students also seems to have lost sincerity in studies in online mode . This is very serious.
		5	DR LAWRENCE ZONUNMAWIA	18	1	0	Performances dip in most of the students.
3	GEOLOGY	1	DR C. ZORAMTHARA	18	1	0	Vanlalmalsawmtluanga, Roll No. 174 leave the College
		2	DR. C. LALMUANKIMI	7	0	0	No such problem reported
		3	LALTLANKIMA	14	2	0	No such problem reported
		4	DR C. LALREMRUATFELA	18	0	0	In general student are not performing well in physics as compared to other

						subjects.	
4	ENGLISH	1	LALTLUANGKIMI HNAME	19	1	0	Except for the 2 students who are leaving the college, all the mentees promised to try their best for the Finals. The student whose parents did not really understand the use of online classes has assured the mentor that he has made up his mind to try and continue his studies and do his best. All in all, the mentor is quite satisfied from the responses of the mentees regarding their studies.
		2	LALRINSANGI NGHINGLOVA	21	1	0	Though some have shown improvement in the CA scores some have not been able to maintain scores. In general they have done quite well.
		3	LALMALSAWMI CHHANGTE	21	0	0	No such problem reported
		4	LALRINPUII ROKHUM	21	6	0	Some of my mentees' attendances are poor due to internet issue.
5	BOTANY	1	DR. R. LALENGMAWIA	19	1	0	Have a high expectation on this batch
		2	ZODINPUII	15	1	0	No such problem reported
		3	LALTLANCHHUNGI	15	0	0	Majority of the students have shown improvements in the test as well as attendance.
		4	LALRINTLUANGI	40	1	0	1) Roll no- 88 has a serious problem with his phone and cannot join the classes but just before 2nd Internal Test he got a new phone. 2) Improvement in marks is seen in 6 students and in attendance 10 students scored above 90%, 5 students above 80% , 2 students above 75% and 1 student (roll no 88) scored only 46.5% . 3} One girl (roll no 94) left the college to join Arts subject after 2nd Internal Test.
		5	MARY LALTHANSANGI	20	1	0	With the exception of a few, the mentees performance has not shown much improvement, however with a little hard work and concentration they have a chance to do better and have been encouraged to do better
		6	LALREMRUATI HMAR	15	1	0	Most students are improving in 2nd internal exam.
		7	LALNUNTHARA	20	1	0	Most of my mentees have good attendance and their marks are also quite good. Two of my students who have less than 75%attendance have shown great improvement in after mentor mentee meeting.
		8	LALTHANPUII HNAME	15	0	0	All acquired the university norms in 1 CAT and 2 nd CAT marks and attendance, although more efforts must be given in each subjects.
6	ELECTRONICS	1	PROF. B. ZOLIANA				PRINCIPAL
		2	DR. RICKY LALHMANGAIHZUALA	12	0	0	Very Good in Mark and attendance I CA IICA Lowest Mark – 77.08 % 74.31 % Highest Mark – 93.06 % 89.58 % Lowest Attendance – 89.09 % 83.24 %

						Highest Attendance – 100 % 99.42 %	
		3	DR. P.C. ROHMINGLIANA	13	3	0	No such problem reported
		4	DR LALRINMAWIA PUNTE	18	2	0	All Students have good results; One has very poor attendance in 1 st ans 2 nd terms
			DR LALTHANPUII KHIANGTE	17	0	0	Good
		5	REGINALD VANLALCHAKA	13	0	0	(>50%) 6 students out of 11 students scored more than 80% of the total mark. Great Improvement occurred.
7	MATHEMATICS	1	L.B. SINGH	18	1	0	No such problem reported
		2	PARIJAT KUMAR	18	0	0	No such problem reported
		3	DR.R LALAWMPUII	13	2	0	The two students that have less than 75% attendance have Internet Connectivity problem.
		4	DAVID ROSANGLIANA	16	3	0	3 have left College. 1 in PUC for B.Sc 1 in MZU for B.Tech 1 is from Nisapui, Kolasib District and said he will try JEE in the next year.
		5	LALTLANHLUI	17	6	0	No such problem reported
8	CHEMISTRY	1	DR LALHMINGLIANA HNAMTE	13	0	0	Out of 13 mentees, 7 mentees show increase in performance
		2	ZONUNTHARI	11	1	0	One Student has less than 75% attendance due to sickness and demise of grandmother
		3	DR. K.B. SINGH	12	1	0	No such problem reported
		4	DR SAMUEL LALLIANRAWNA	16	0	0	None of the mentees seems to have particular problem in attending online classes . Two students viz; Catherine Lalmalsawmi & K.Vanlalhlupuii left college
		5	LALRAMENGZAMI	13	0	0	(a) Mentor-Mentee meeting hold at 16/10/2021. (b) The marks & attendance was discussed in detail (c) The mentees didn't express any problems, even after questioning. They expressed their satisfaction with the college & the teachers. (d) There was only slight difference in marks & attendance in 2nd CAT when compared with the 1st CAT, except for a remarkable increase of 15.98% by Roll No 87.
		6	DR. LALSAIMAWIA SAILO	17	2	0	As a whole, their performances are good. They are not facing big troubles during this semester. They have potential to score good marks in this coming semester exam. But two students left the College due to other studies.
9	COMPUTER SCIENCES	1	DR M.S.DAWNGLIANI	10	4	0	No such problem reported. Some of them have network problem.
		2	LALHRUAITLUANGA	8	2	0	No such problem reported
		3	C. LALRINAWMA	10	4	0	Due to internet connectivity
		4	LALDINGLIANA SAILO	16	2	0	No such problem reported

10	ZOOLOGY	5	R.LALMAWIPUII	14	3	0	<ul style="list-style-type: none"> • Most problems face is internet connectivity and poor power supply due to this some students attendance is not satisfactory. • Some students have problem regarding practical as they did not have computer at home
		6	LALSANGZUALI	9	3	0	All students needs to work harder. Except 1 student, all mentees maintain good attendance.
		7	H.THANGKHANHAU	14	0	0	One students attendance is low because of ill-health and another attendance is low due to late joining of online classes.
		8	VANLALLURA	10	4	0	No such problem reported
		1	CAROLINE ZAIHMINGTHANGI	19	1	1	Most of them complain about the weak Internet connection
		2	DR. LALZAHAWMI CHENKUAL	14	0	0	All my mentees have shown great improvement in marks and attendance during second internal examination. I am quite happy with their conduct and behaviour and their overall performance.
		3	H.LALNUNSANGI	14	0	0	Out of 14 Students, 4 of them have 100% attendance, 5 students score 90 % above in their internal tests.
		4	S. THANGRIMAWII	19	0	0	<ol style="list-style-type: none"> 1. They are doing well in the test with good attendance. Though some of them who are staying in the villages are facing issues on power supply and internet connections. This is reflected in their attendance. 2. Most of my mentees finding difficulty with chemistry 3. T. VANLALPEKHLUA, Roll No-2007BS201 left the course has joined BCA in our college (already reported)
		5	SAILOPUII	19	0	0	All are doing fine, some of them have internet issues. Not much improvement in the second internal test.
		6	LALRINMAWIA	13	1	0	No such problem reported
11	BIOCHEMISTRY	1	DR FANAI LALSANGLUAI	10	1	0	No such problem reported
		2	LALROSANGPUII	14	1	0	Their overall performance is satisfactory. There are some among them attending classes from remote areas with improper internet access which gives them a little problem in attending classes very regularly.
		3	K ZOSANGPUII	14	1	0	Improvement is seen in both attendance and test marks for every student.
		4	DR REBECCA VANLALSANGI	11	1	0	<ul style="list-style-type: none"> • Most of the students have good attendance and record • 2 students, Fh Venhima and Gracy K. Romawii did not take mentor mentee meeting seriously, they were absent without any explanation inspite of prior notice for the meeting • K.Zonunthari underwent minor operation and was still recovering till date
		5	DR PC LALRINFELA	14	0	0	Improvement in terms of securing marks is seen in majority of the cases

6. STUDENTS MENTORING SYSTEM EVEN SEMESTER

MENTORING REPORT EVEN SEMESTER 2022 (FIRST MENTEE MEET REPORT)

Sl. No	Department	Faculty (Mentor)		No. of Mentees reported as on JULY 2021	No of Mentees less of 75% attendance	No of Mentee secured less than 40% in the 1st test	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>
1	H O M E S C I E N C E	1	LALSANGLIANI KHAWLHRING	7	0	0	No problem reported
		2	LALSANGKIMI HMAR	6	0	0	No problem reported
		3	LALHMINGLIANI HLONDO	6	0	0	No problem reported
		4	VANLALLAWMI	6	0	0	No problem reported
		5	LALTHANPUII RALTE	7	3	0	No problem reported
		6	C. LALRAMDINA	5	0	0	No problem reported
		7	MARIA LALHMINGMAWII	6	0	0	No problem reported
		8	LALRAMMAWII	6	0	0	No problem reported
		9	LALRINNGHETI RALTE	6	1	0	No problem reported
		10	MIMI LALMUANAWMI	5	-	-	Medical Leave
		11	REBECCA LALNUNTLUANGI	6	0	0	No problem reported
		12	C ZARZOKIMI	6	3	0	No problem reported
2	P H Y S I C S	1	DR. ARUP KUMAR	8	0	0	All are very good & sincere
		2	DR. ROSANGLIANA	13			No problem reported
		3	M.I. SINGH	15	0	0	No problem reported
		4	REMLALSIAAMA	12	2	0	Some students have developed laziness in studies while on online studies. Students also seems to have lost sincerity in studies in online mode of studied. This is very serious.
		5	DR LAWRENCE ZONUNMAWIA	18	1	0	Students need to work harder in Physics & Mathematics
3	G E O L O G Y	1	DR C. ZORAMTHARA	18	2	0	Attendance of Lalchhuanawma, Roll No. 110 is exceptionally low (33.70)
		2	DR. C. LALMUANKIMI	7	0	0	No problem reported
		3	LALTLANKIMA	14	0	0	No problem reported
		4	DR C. LALREMRUATFELA	18	3	0	No problem reported
4	E N G L I S H	1	LALTLUANGKIMI HNAMTE	19			No problem reported
		2	LALRINSANGI NGHINGLOVA	21	2	0	Performance in first internal is quite satisfactory, They have the potential to do much better
		3	LALMALSAWMI CHHANGTE	21	1	0	No problem reported
		4	LALRINPUII ROKHUM	21	4	0	No problem reported
5	B O T A N Y	1	DR. R. LALENGMAWIA	19	0	0	No problem reported
		2	ZODINPUII	15	1	0	No problem reported
		3	LALTLANCHHUNGI	15	1	0	Majority of the students have to do better in the exam.
		4	LALRINTLUANGI	40	2	0	No problem reported
		5	MARY LALTHANSANGI	20	0	0	Overall, all the mentees have done very well
		6	LALREMRUATI HMAR	15	1	0	Most students are improving in 2nd internal exam.
		7	LALNUNTHARA	17	1	0	No problem reported

		8	LALTHANPUII HNAME	15	1	0	Issue on mobile devise and network effects the overall attendance for Roll NO 2007BS103
6	E L E C T R O N I C S	1	PROF. B. ZOLIANA	-	-	-	PRINCIPAL
		2	DR. RICKY LALHMANGAIHZUALA	12	1	0	Very Good in Mark and attendance ICA Lowest Mark – 77.78 % Highest Mark – 92.36 % Lowest Attendance – 70.51 % Highest Attendance – 98.72 %
		3	DR. P.C. ROHMINGLIANA	13	3	0	Attendance of Physics is given only in percentage. So, it is excluded for calculation of attendance.
		4	DR LALRINMAWIA PUNTE	18	4	0	No problem reported
			DR LALTHANPUII KHIANGTE	17	3	0	No problem reported
		5	REGINALD VANLALCHAKA	13	0	0	No problem reported
7	M A T H E M A T I C S	1	L.B. SINGH	18	3	0	No problem reported
		2	PARIJAT KUMAR	18	0	0	No problem reported
		3	DR.R LALAWMPUII	13	1	0	No problem reported
		4	DAVID ROSANGLIANA	16	1	0	No problem reported
		5	LALTLANHLUI	17	4	0	No problem reported
8	C H E M I S T R Y	1	DR LALHMINGLIANA HNAME	13	0	0	No problem reported
		2	ZONUNTHARI	11	1	0	No problem reported
		3	DR. K.B. SINGH	12	2	0	No problem reported
		4	DR SAMUEL LALLIANRAWNA	13	0	0	No problem reported
		5	LALRAMENGZAMI	13	1	0	Mentees are mentored closely and doing quite well and. ssSupport rendered whenever necessary.
		6	DR. LALSAIMAWIA SAILO	17	0	0	No problem reported
9	C O M P U T E R S C I E N C E	1	DR M.S.DAWNGLIANI	10	5	0	Due to network issues in their locality, some students lack attendance
		2	LALHRUAITLUANGA	8	0	0	No problem reported
		3	C. LALRINAWMA	10	4	0	No problem reported
		4	LALDINGLIANA SAILO	14	1	0	No problem reported
		5	R.LALMAWIPUII	14	3	0	No problem reported
		6	LALSANGZUALI	9	5	0	No problem reported
		7	H.THANGKHANHAU	14	2	0	No problem reported
		8	VANLALLURA	10	1	0	No problem reported
10	Z O O L O G Y	1	CAROLINE ZAIHMINGTHANGI	19	2	2	No problem reported
		2	DR. LALZAHAWMI CHENKUAL	14	1	0	Mentees who are residing in Aizawl actively participated in shifting and arrangement of Zoology Laboratory. All my mentees have done the best they could do during Peer Team visit
		3	H.LALNUNSANGI	14	3	0	Attendance less than 75% are normally due to internet problem, because classes are online mode.

		4	S. THANGRIMAWII	19	0	0	<p>1. They are doing well in the test with good attendance. Though some of them who are staying in the villages are facing issues on power supply and internet connections. This is reflected in their attendance.</p> <p>2. Three of my mentees have joined other stream 1.T. VANLALPEKHLUA, Roll No-2007BS201 joined BCA in our college (already reported) 2. VANLALDUATA-Roll No-2007BS211 - Joined B. Pharm course. 3. VANLALHMUNSIAMA – Roll No-2007BS214 Joined Medical Lab Technology</p>
		5	SAILOPUII	18	4	0	No problem reported
		6	LALRINMAWIA	13	3	0	No problem reported
11	BI O C H E M I S T R Y	1	DR FANAI LALSANGLUAI	10	1	0	No problem reported
		2	LALROSANGPUII	14	0	0	No problem reported
		3	K ZOSANGPUII	12	0	0	No problem reported
		4	DR REBECCA VANLALSANGI	11	3	0	No problem reported
		5	DR PC LALRINFELA	13	1	0	No problem reported

MENTORING REPORT EVEN SEMESTER 2022 (SECOND MENTEE MEET REPORT)

Sl. No	Department	Faculty (Mentor)		No. of Mentees reported as on JULY 2021	No of Mentees less of 75% attendance	No of Mentee secured less than 40% in the 2nd test	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>
1	H O M E S C I E N C E	1	LALSANGLIANI KHAWLHRING	7	0	0	They are all considerate and sincere
		2	LALSANGKIMI HMAR	6	0	0	Their performance in the College activities is excellent. They can do better since they have a potentials
		3	LALHMINGLIANI HLONDO	6	0	1	From review of their performance and information received, Mentees find it difficult to study within a short span of time and attempt exam from Online to Offline.
		4	VANLALLAWMI	6	0	0	No problem reported
		5	LALTHANPUII RALTE	7	1	1	All mentees have performed much better in their 1st internal online test than they did in their 2nd internal offline test. They have been encouraged to put in more effort and do their very best for the university examination.
		6	C. LALRAMDINA	5	0	0	They all have potential to improve. They are advised to study harder.
		7	MARIA LALHMINGMAWII	6	0	0	The marks and the attendance of my mentees are satisfactory.
		8	LALRAMMAWII	6	0	0	I had contacted all my mentees they did not have any significant problems
		9	LALRINNGHETI RALTE	6	1	0	All of my Mentees were quite sincere. They followed every advise given by me as their mentor. They have all done remarkably well in their internal examinations.
		10	MIMI LALMUANAWMI	5			MATERNITY LEAVE
		11	REBECCA LALNUNTLUANGI	6	0	0	Improvements has seen on all mentees compare to last semester
		12	C ZARZOKIMI	6	3	0	3 students are having less than 75% attendance
2	P H Y S I C S	1	DR. ARUP KUMAR	8	0	0	All are very good & sincere
		2	DR. ROSANGLIANA	13	-	-	-
		3	M.I. SINGH	15	0	0	Almost all the students(more than 93%) have shown excellent and outstanding performance in the internal tests Due to power intermittent and net issues, few students could not maintain attendance 80%. Overall performance in the tests and in attendance is excellent and outstanding.
		4	REMLALSIAAMA	12	3	0	Some students have developed laziness in studies while on online studies. Students also seems to have lost sincerity in studies in online mode of studied. This is very serious.
		5	DR LAWRENCE ZONUNMAWIA	18	1	0	Performance dip in most of the students.
3	G E O	1	DR C. ZORAMTHARA	18	2	0	Attendance of Lalchhuanawma, Roll No. 110 is exceptionally low (35.82)
		2	DR. C. LALMUANKIMI	7	0	0	No problem reported

	L O G Y	3	LALTLANKIMA	14	2	0	No problem reported
		4	DR C. LALREMRUATFELA	18	4	0	All students show improvement from first internal examination. Internet connection problem is a big issue for several students.
4	E N G L I S H	1	LALTLUANGKIMI HNAMTE	19	-	-	-
		2	LALRINSANGI NGHINGLOVA	21	1	0	Many of my mentees have shown a downgrade in marks though there is marked improvement in attendance. However there are promising students who can do very well in the university examinations
		3	LALMALSAWMI CHHANGTE	21	1	0	Overall, my mentees are a little above average students judging from their internal exam marks . Regarding attendance, 4 out of 19 students secured 100 % which is worth noting. Most of them are obedient students who respond to me promptly when contacted either by phone or whatsapp. Since classes are in online mode,it is somewhat difficult to say much about their personalities or behaviour. Hence we had to rely on phone calls and conversation through whatsapp for compiling reports Out of the 21 mentees assigned in the beginning, two have left college. One left to concentrate on coaching while the other one joined RIPANS.
		4	LALRINPUII ROKHUM	21	7	0	Most of my mentees' attendances are quite good except for two students. One has mobile phone issues and the other has internet issues. Comparing first internals and second internals, Out of 15 students, 11 students' grades improved whereas 3 students' grades dropped a little. All my mentees are good students and they all tried hard to be one.
5	B O T A N Y	1	DR. R. LALENGMAWIA	19	0	0	No problem reported
		2	ZODINPUII	15	1	0	They are improved in the second internal
		3	LALTLANCHHUNGI	15	1	0	Majority of the students have shown improvements in the test.
		4	LALRINTLUANGI	40	2	0	1. Roll no 43 (Attendance 74%) Daniel Lianhmingpuia has electricity problem and poor internet connectivity. 2. Roll No 79. (Attendance 65%) J. Ramdinthara has to help his parents in the field.
		5	MARY LALTHANSANGI	20	1	0	With the exception of a few, the mentees performance has shown a sharp decline, however with a little hard work and concentration they have a chance to do better and have been encouraged to do better
		6	LALREMRUATI HMAR	15	2	0	Most students are improving in 2nd internal exam.
		7	LALNUNTHARA	20	1	0	Most of my mentees have good attendance and their marks are also quite good. One of my student who have less than 75%attendance, he needs to improve
		8	LALTHANPUII HNAMTE	15	1	0	No problem reported
6	E L E C	1	PROF. B. ZOLIANA				PRINCIPAL
		2	DR. RICKY LALHMANGAIHZUALA	12	0	0	Very Good in Mark and attendance
		3	DR. P.C. ROHMINGLIANA	13	3	0	No problem reported

	T R O N I C S	4	DR LALRINMAWIA PUNTE	18	5	0	5 students need to improve their attendance
			DR LALTHANPUII KHIANGTE	17	3	0	Poor Internet is the main excuse for reduced % in attendance
		5	REGINALD VANLALCHAKA	13	0	0	Most students scored a good internal mark percentage on exams and showed improved attendance.
7	M A T H E M A T I C S	1	L.B. SINGH	18	1	0	No problem reported
		2	PARIJAT KUMAR	18	0	0	No problem reported
		3	DR.R LALAWMPUII	13	0	0	Decline in Internal Exam marks is seen which may be due to the various activities in the college in preparation for the NAAC peer team visit.
		4	DAVID ROSANGLIANA	16	1	0	3 have left College. 1 in PUC for B.Sc 1 in MZU for B.Tech 1 is from Nisapui, Kolasib District and said he will try JEE in the next year.
		5	LALTLANHLUI	17	4	1	3 students left the college
8	C H E M I S T R Y	1	DR LALHMINGLIANA HNAME	13	0	0	Out of 13 mentees, 7 mentees show increase in performance
		2	ZONUNTHARI	11	1	0	One Student has less than 75% attendance due to sickness and demise of grandmother
		3	DR. K.B. SINGH	12	2	0	No problem reported
		4	DR SAMUEL LALLIANRAWNA	13	0	0	No problem reported
		5	LALRAMENGZAMI	13	1	0	No problem reported
		6	DR. LALSAIMAWIA SAILO	17	1	0	As a whole, their performances are good. They are not facing big troubles during this semester. They have potential to score good marks in this coming semester exam. But three students had left the College due to other studies.
9	C O M P U T E R S C I E N C E	1	DR M.S.DAWNGLIANI	10	6	0	Performance are improved in the second internal examination but their attendance cannot be improve due to poor network connectivity.
		2	LALHRUAITLUANGA	8	0	0	No problem reported
		3	C. LALRINAWMA	10	4	3	Abrupt decline seen in their marks as First Online Internal to Second Physical examination as well in class attendance.
		4	LALDINGLIANA SAILO	14	5	0	No problem reported
		5	R.LALMAWIPUII	14	3	0	• Most problems face is internet connectivity and poor power supply due to this some students attendance is not satisfactory. • Some students have problem regarding practical as they did not have computer at home.
		6	LALSANGZUALI	9	6	0	No problem reported
		7	H.THANGKHANHAU	14	1	0	The low attendance of one of my mentees namely Lalnuntluanga Pachuau is due to family problem. His parents got separated and he was with his dad. Unfortunately, he dad passed away few months back. He needs to look after his family and his terminally grand father who needs to go to Hospital for Dialysis alternate days where is responsible for all these. I am glad that he still try his best in study which can be seen in terms of performance although attendance is little bit less. It is highly acceptable at his present condition.
		8	VANLALLURA	10	2	0	No problem reported
10	Z O	1	CAROLINE ZAIHMINGTHANGI	19	2	2	Most of them complain about the weak Internet connection

	O L O G Y	2	DR. LALZAHAWMI CHENKUAL	14	0	0	Mentees are enjoying offline/normal classes. All my mentees have done the best they could do during Peer Team visit. I believe I have the best students academically and in all college activities.
		3	H.LALNUNSANGI	14	0	0	All of them improved in their attendance, but decrease in their internal test, may be due to lack of time
		4	S. THANGRIMAWII	19	0	0	1. Most of my mentees are doing well in the test with a very good attendance. 2. Three of my mentees have joined other stream(already reported) 1)T. VANLALPEKHLUA, Roll No-2007BS201 joined BCA in our college 2)VANLALDUATA-Roll No-2007BS211 - Joined B. Pharm course at . 3)VANLALHMUNSIAMA –Roll No-2007BS214 Joined Medical Lab Technology at 3. It is very unfortunate to report that Vanlalrinawmi Roll no-2007BS220 could not appear in the End Semester Examination due to misplacement of file in the process of Examination form filling.
		5	SAILOPUII	15	2	0	Most of them improved in the second Test, they can do way better if they work harder
		6	LALRINMAWIA	13	0	0	Continuous performance Evaluation has been implemented and improved attendance and mark compare with first internal performance
		11	B I O C H E M I S T R Y	1	DR FANAI LALSANGLUAI	10	1
2	LALROSANGPUII			14	0	0	Their overall performance is satisfactory. Some students are attending classes from remote areas with improper internet access which gives them problems in attending classes regularly and sometimes from obtaining important information .
3	K ZOSANGPUII			14	0	0	Two students among my mentees failed to fill up the End Semester University Exam form due to network problem, and they wouldn't be able to appear the exam. 1. Roll no – 148 - Lalambuatsaihi Roll no – 156 - Lalrempuii Chhakchhuak
4	DR REBECCA VANLALSANGI			11	3	0	Overall performance and attendance record were good
5	DR PC LALRINFELA			13	1	0	Attendance and performance are quite well. But they can do better with more hard work

7. RESEARCH AND BOOK PUBLICATION DURING 2021-2022

Research Paper publication

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Provenance Shift During Neogene Brahmaputra Delta Progradation Tried to Coupled Climate and Tectonic Change in the Eastern Himalaya	C. Zoramthara	Geology	Geochemistry, Geophysics, Geosystems	2021	1525-2027
Provenance Shift During Neogene Brahmaputra Delta Progradation Tried to Coupled Climate and Tectonic Change in the Eastern Himalaya	C. Lalremruatfela	Geology	Geochemistry, Geophysics, Geosystems	2021	1525-2027
Petrological, environmental deposition and tectonic-provenance study of Bhuban Sand stones in Neogene succession of Aizawl District, Mizoram, India	C. Lalmuankimi	Geology	Geological Society of India, Bangalore 2021	August, 2021	ISSN: 0016-7622
Model of Transmission Dynamics of COVID-19 including Natural Birth Rate and considering the Difference in Death Rates of Uninfected and Infected Population	R. Lalawmpuii	Mathematics	NOVIY MIR Research Journal	January, 2022	ISSN: 0130-7673

Book Publication

Sl. No.	Name of the teacher	Title of the book/chapters/proceeding published	Title of the paper	Name of the conference	ISBN/ISSN number of the proceeding
1	Remlalsiama	PANE - 2021 Conference Proceeding	Correlation Between Ground Level Gamma Radiation and Radon Gas Concentration in Soil At Different Baptism Depth of Oil Exploration Areas within Aizawl District of Mizoram, India	XII Biennial National Conference of Physics Academy of North East	ISSN: 2278-0181
2	L. Z. Chhangte	PANE - 2021 Conference Proceeding	Correlation Between Ground Level Gamma Radiation and Radon Gas Concentration in Soil At Different Baptism Depth of Oil Exploration Areas within Aizawl District of Mizoram, India	XII Biennial National Conference of Physics Academy of North East	ISSN: 2278-0181
3	B. Zoliana	PANE - 2021 Conference Proceeding	Correlation Between Ground Level Gamma Radiation and Radon Gas Concentration in Soil At Different Baptism Depth of Oil Exploration Areas within Aizawl District of Mizoram, India	XII Biennial National Conference of Physics Academy of North East	ISSN: 2278-0181
4	Remlalsiama	PANE - 2021 Conference Proceeding	Assessment of Radon Content in Water of Oil Exploration Areas using Smart RnDuo in Mizoram, India	XII Biennial National Conference of Physics Academy of North East	ISSN: 2278-0181

5	L. Z. Chhangte	PANE - 2021 Conference Proceeding	Assessment of Radon Content in Water of Oil Exploration Areas using Smart RnDuo in Mizoram, India	XII Biennial National Conference of Physics Academy of North East	ISSN: 2278- 0181
6	B. Zoliana	PANE - 2021 Conference Proceeding	Assessment of Radon Content in Water of Oil Exploration Areas using Smart RnDuo in Mizoram, India	XII Biennial National Conference of Physics Academy of North East	ISSN: 2278- 0181
7	Rebecca Vanlalsangi	Expanding Horizon of Cyanobacterial Biology	Cyanobacteria - derived bioactive compounds: A beneficial aspects		ISBN 978-0- 323-91202-0
8	Laltlankima	Indian Journal of Natural Sciences	Zonation of Landslide Susceptibility in Saitual Town Area, Mizoram		ISSN: 0976 - 0997
9	Lalthanpuii Hnamte	Indian Journal of Animal Nutrition	Nutrient Content of Leaf of Three Selected Tree Species of Flood Plains of Assam, India		ISSN-0970- 3209
10	Chhangte LZ,	Research & Development in Material Science	Annual Inhalation Dose of Indoor Radon and Thoron in Mizoram, India.		ISSN: 2576- 8847
11	Zoliana B	Research & Development in Material Science	Annual Inhalation Dose of Indoor Radon and Thoron in Mizoram, India.		ISSN: 2576- 8848
12	Zirlianggura	Research & Development in Material Science	Annual Inhalation Dose of Indoor Radon and Thoron in Mizoram, India.		ISSN: 2576- 8849
13	Remlalsiama	International Journal of Research and Analytical Reviews	Natural Radioactivity Measurement Using NaI (TI) Detector in Soil of Oil Exploration Areas of Mizoram, India		E-ISSN 2348- 1269

14	L.Z. Chhangte	International Journal of Research and Analytical Reviews	Natural Radioactivity Measurement Using NaI (TI) Detector in Soil of Oil Exploration Areas of Mizoram, India	E-ISSN 2348-1269
15	B. Zoliana	International Journal of Research and Analytical Reviews	Natural Radioactivity Measurement Using NaI (TI) Detector in Soil of Oil Exploration Areas of Mizoram, India	E-ISSN 2348-1270
16	Lalrinmawia	International Journal of Scientific Research	An Assessment of Insect Pests of Teak (<i>Tectona grandis</i> Linn.F) with Special reference to Bioecology of <i>Hyblaea Puera</i> (Cramer) in Aizawl District, Mizoram.	E-ISSN 2348-1271
17	Dr. Samuel Lallianrawna	Science & Technology Journal	Potential Application of Indigenous Microorganism Derived Biosorbent in the Efficient Removal of Congo Red from Aqueous Solution	ISSN: 2321-3388

8. ACTIVITIES AND ACHIEVEMENTS OF VARIOUS SUB COMMITTEES

I. IQAC

Members:

Chairman	:	Prof. B. Zoliana, Principal
Coordinator	:	Lalrinsangi Nghinglova
Assistant coordinators	:	Dr. Lawrence Zonunmawia Dr M.S. Dawngliani
Members	:	Lalsangkimi Hmar Dr R Lalengmawia Dr. Lalhmingliana Dr. Lalzahawmi Chenkual H. Thangkhanhau
External Members:		Prof.Lalnundanga, Registrar, MZU J.H Zoremthanga, Director MSB

Objectives:

- i. To work towards realizing the goals of quality enhancement.
- ii. To develop a system for conscious and consistent improvement in the performance of the college by
 - Preparing Academic Calendar at the beginning of every session in accordance with the MZU calendar.
 - Monitoring the functioning of all sub-committees and departments.
 - Collecting feedback from students.
 - Implementing the mentoring system.
 - Organizing Parent-Teacher Meets.
- iii. The IQAC is empowered to take necessary actions under the supervision of the Principal.

Activities:

During the 2021-2022 session much of IQAC activities were channelled towards preparation for Peer Team visit. Following are the activities conducted by the IQAC during the academic year 2021-2022.

1.Preparation of Academic calendar: Academic calendar for the Odd and Even semesters during the reporting period were prepared and displayed at prominent places in the college campus. They have also been uploaded on the college website.

2.Online Library Orientation for freshers: On 30th July online Library orientation was organised in collaboration with Library sub-committee for the newly admitted students to offer them a better understanding of the workings of the Library.

3.Mentoring of Students: Grouping of students and assignment of teachers to the students was done by the IQAC. The Iqac monitored and supervised the mentoring system and assigned dates

for Mentors-mentee meet. The assigned dates were included in the academic calendar. Reports from each mentor were received by the IQAC and were compiled for inclusion in the college yearbook. Online mentor-mentee meet was conducted for all semesters during August 2021

4. Publication of yearbook 2021: The IQAC felt proper documentation of events and activities is of great importance. Hence a College Yearbook 2021 was published.

6. Student's feedback : Feedback from students were collected with slight modification on the old feedback form. The feedback was collected by individual teachers and after self-study of the feedback was done, it was submitted to the principal for necessary action.

7. Submission history of SSR

i) IQA submitted on 21st May 2021 and accepted on 26th May 2021

ii) SSR submitted on 9th July 2021

iii) SSS initiated on 13th July 2021 and required percentage received within 2 days

iv) DVV received on 23rd July and submitted on 9th August 2021

v) DVV acceptance history received on 23rd August 2021.

vi) Pre-qualifier received on 30th October 2021

8. Sensitization programme on NAAC Peer Team Visit : On 11th November 2021 an interactive session and sensitization on NAAC Peer team visit was conducted. Dr. Tawnenga Pachuau ,Ex –principal PUC and serving peer team member under NAAC was invited as the resource person.

9. Exit Meeting for AAA : Due to the onslaught of Covid -19 Pandemic the exit meeting for AAA conducted by Higher & Technical Edn. GOM was delayed and was finally conducted on 12th November 2021

10. Orientation on course outcome/ program outcome: Orientation Programme on CO/ PO was conducted by all departments at the beginning of the academic session 2021-22(even) as stipulated by the IQAC

11.Meeting with sub-committees and Heads of Department : The IQAC had a meeting with Heads of department and representatives of all the sub-committees created by the IAC to ensure quality enhancement and teamwork. The meeting was called to reflect upon the progress made by individual committees and to make necessary changes wherever required. The HODs and chairmen/secretaries of the committee gave ppt on their activities and achievements during the last five years.

12.Parents – Teacher Meeting : The IQAC organized Parents-teacher meeting in the online format during August 2021 and 14th March 2022 due to restrictions imposed by covid -19. Feedback was collected from Parents by mentors and necessary actions were taken upon their suggestions.

13) Peer team Visit: Due to covid-19 restrictions the Peer team visit was delayed by a few months. The team came to visit on 23rd & 24th March 2022

14) Personality Development: Personality development course was conducted for final year students by Student Support committee under the aegis of the IQAC during 30th May -3rd June 22 in which 91 students registered. The program ended with a grand Dinner.

15) Course on Computer Concept: CCC was started on 8th february 2022. A total of 90 students who had registered for the CCC course offered by the college through student support committee, sat for the CCC examination. 83 of them passed the examination with very good grades. The pass percentage was 92.22 % which is the best results so far since its inception into the college program.

16) Add on courses from IIT spoken tutorial: Courses on Android app using Kotlin, HTML, GIS QGIS , C and CPP etc were provided to students from different streams. Detailed report is available on college website

17) Learning Management System : LMS has been developed by the college under the initiation of the IQAC with the college Webmaster Mr H.Thangkhanhau taking care of all the technical details. To encourage faculty members to create e-contents a special training on e-content development was organized on 10th February 2020 for representatives of each department. The webmaster gave the training to the selected faculty members. As a result 27 video tutorials on the syllabus have been created and uploaded on our college website for the benefit of the students. Video on course outcome / Programme outcome is also being prepared by all departments

II. EXAMINATION

Members:

Chairman : Principal

Secretary : Dr Rosangliana

Dr. R. Lalengmawia

H. Lalnunsangi

Lalrammawii

C Lalrinawma

Objectives:

- i. To supervise, ensure smooth and secure conduct of internal and university Examinations.
- ii. To Implement rules of examinations strictly, in accordance with the university and college rules and take actions against defaulters.
- iii. To collect and maintain internal marks of students from concerned department and send them to the University as and when required.
- iv. To conduct briefings on examination rules, etc. to students as well as faculty members before University examinations.
- v. To coordinate with the examination department of Mizoram University in all matters relating to examinations and make notifications to students whenever necessary.

Activities:

- i) The committee took responsibilities in all Exam matter in the College.
- ii) Save and compile all cumulative internal marks in theory and practical.
- iii) Conduct all internal tests in all Departments in every semester during academic year. The end semester Exam during reporting period was conducted smoothly in offline mode.
- iv) All the compile/final marks are uploaded to the University portal created by the MZU authorities.
- v) Cooperate and communicate several times with the University Exam officials regarding Exams matters.
- vi) For the final semester exams, all requirements like question received and shorting out for checking, pre-arrangement by date of exams, duty allotment to teachers and staff, room allotment etc.. are prepared in advance for the final exams.
- vii) Performance certificate was issued to external examiner to come for the practical exams in all departments.
- vii) In all end semester theory & practical exams, remuneration was given to all teachers and staff for their duty performance according the existing rates fixed by the college.

III. ADMISSION

Members:

Chairman : Principal

Secretary : Laltluangkimi Hnamte

All HODs

Objectives:

- i. To implement the already existing rules contained in the prospectus and set new criteria and rules for admission into the college if and when necessary.
- ii. Setting of time frame for admission procedure.
- iii. Performing the needful during the time of admission such as appointing members for help desks and interview of students seeking admission.

Activities:

Committee Meeting on 5.7.2021

1. **Reports:** (a) Principal (b) Sir H. Thangkhanhau Web-master

2. Resolutions:

(a) Availability of seats in each department.

(b) BCA Fees

(c) Last day for Submission of Fees

(d) Last day for Completion of Admission

(e) Remittance of Fees

(f) Final Selection of applicants

Committee Meeting on 13.5.2022

Reports:

(a) From Principal

(b) From Ms. Lalrinsangi Nghinglova

Resolutions:

1. Payment of fees to be done through MRB, Durtlang branch.
2. Study Tour
3. Admission for Odd Semester
4. Seat capacity in each department
5. Video clips for Orientation.
6. College T-shirt

IV. AISHE

Members:

Nodal Officer : Dr. Lawrence Zonunmawia Chhangte

Objective:

- i. To perform documentation work as proposed by concerned authority.

Activities:

All India Survey on Higher Education (AISHE) 2020-2021 data was collected, filled up in the Institution Portal and submitted online



V. COLLEGIATE STUDENT GRIEVANCE REDRESSAL COMMITTEE

Members:

Chairman : Prof B Zoliana

Secretary : Remlalsiama

S. Thangrimawii

Leishangthem Budha Singh

Lalchhuanawma, IV Sem BCA

Objectives:

- i.** To ensure that there is no ragging in any form among our students within and outside our college campus.
- ii.** To ensure that no student is a victim of harassment, exploitation and discrimination on any ground.
- iii.** To look into the grievances of students and take necessary action for redressal.

Activities:

1. Due to Covid-19, there is no regular classes, there are no sign of any complaints till October 2021.
2. Presented Power point presentation on 23.11.22 (11am) in preparation for the NAAC Peer Team Visit, 2022.
3. On 10.1.22, two new Grievance cell box is fixed at the New Campus main entrance wall of the Academic Block-1 and at the entrance of Home Science Block-3. Instruction to Grievances is also displayed above the box to which the website to launch complaint is also displayed.
4. Grievance cell box is also fixed later on 21.3.22 at the entrance of College Library.
5. Grievance Cell is allotted a small room adjacent to Library. It is equipped, furnished and decorated on 21.3.2022.
6. Grievance Cell is Visited by NAAC PEER team, namely
 - (i) Prof Rodda Sayana - Chairman
 - (ii) Prof K.S.Pushpa - Co ordinator/Member.
 - (iii) Dr Mythili Keyhavarapu - Member, on 22.3.22 at 3:10pm.
7. The PEER TEAM Members were warmly welcomed by all the committee members of the Committee. They were made to sit. They remain in the Grievance cell room for 10(ten) minutes. They asked for the Committee Report Register which we provided, viewed and after spending a moment questioning about our activities, were satisfied and then left.

VI. STUDENT'S UNION

Members:

Chairman : Lalnunthara

Secretary : Dr. Lalhmingliana Hnamte

Dr. Lalzahawmi Chenkual

C. Lalramdina

S.Thangrimawii

Lalremruati Hmar

Objectives:

- i.** To organise Annual Student's Union Election.
- ii.** To render overall supervision of all activities of the student's union.
- iii.** To help promote general welfare of the students.
- iv.** To provide necessary advice and assistance to the student body.

Activities:

1. Conducted Class Representative Election on 30th July 2021
2. SU Election Conducted on 26th August 2021: Students' Union Election for 2021-2022 was conducted online where 610 students cast their votes.

VII. GAMES AND SPORTS

Members:

Chairman : C. Zoramthara
Secretary : Dr. Lalhmangaihzuala
Dr KB Singh
Dr. Lalzahawmi Chenkual
Zarzokimi
LB Singh
Dr PC Rohmingliana
Lalrosangpuii
C Lalrinawma
Laltlankima
David Rosangliana

Objectives:

- a. To supervise all activities relating to games and sports of the student body.
- b. To appoint teachers on duty during college and university sports.
- c. To monitor purchase of sport goods and ensure the management of sports venues.

Activities:

1. Jointly organised Offline College week under the guidelines of Covid-19 SOP during 9th to 15th December 2021 with Student Union.

ASSAM RIFLE GROUND

FOOTBALL

Finalist- 1) Green House
2) Red House
Champion- Green House

CHANMARI WEST VOLLEYBALL COURT

VOLLEYBALL

Men's

Gold – Green House
Silver – Yellow House
Bronze – Red House

Women's

Gold – Red House
Silver – Blue House
Bronze – Yellow House

1. BGMI-

1. Gold – Blue House (251 points)
2. Silver – Yellow House (193 points)
3. Bronze – Red House (165 points)

2. Mobile Legends-

1. Gold – Yellow House
2. Silver – Blue House
3. Bronze – Red House

3. Carrom Board-

1. Gold – Lalnuntluanga (Green House)
2. Silver – Nibir Chakma (Red House)
3. Bronze – Lalhmunsanga (Yellow House)

4. Drought Board-

Men-

1. Gold – Lalruatsaka (Green House)
2. Silver – T. Lalrinmawia (Blue House)
3. Bronze – John Lalmuanpuia (Green House)

Women-

1. Gold – A. Lalthanzuali (Blue House)
2. Silver – Lalnunthari Ralte (Green House)
3. Bronze – Vanlalmuanpuia (Yellow House)

5. Table Tennis-

Men-

1. Gold – Vanlalpeka (Green House)
2. Silver – Lalhmunsanga (Yellow House)
3. Bronze – R. Lalmalsawma (Red House)

Women-

1. Gold – H. Zodinpuui (Yellow House)
2. Silver – F. C. Sankey (Green House)
3. Bronze – Israel (Blue House)

6. Badminton-

Men-

1. Gold – Reuben Lalrinnggheta (Yellow House)
2. Silver – Hmingchungnunga (Green House)
3. Bronze – Vianny Lalngaihawma (Yellow House)

Women-

1. Gold – H. Zodinpuui (Yellow House)
2. Silver – Mary Lalnunngili (Yellow House)
3. Bronze – Lalnunthari Ralte (Green House)

7. Chess (Men)-

1. Gold – Vanlalpeka (Green House)
2. Silver – T. Lalrammawia (Blue House)

8. Basketball-

1. Gold – Red House
2. Silver – Yellow House
3. Bronze – Green House

2. The 19th Annual University Sports Meet was held during 21-26th March 2021. This Year due to the NAAC Peer Team Visit Program, our college could only participate in the Athletic discipline of 100 meter Race and 400 meter Race. Our athlete Lalnundika, reached the final race in both Competition, but unfortunately, he was unable to win the medal.

3. Jointly organised 'One Day Futsal Tournament' with Student Union on 16th April, 2022 at Durtlang Futsal Ground for classes of Government Zirtiri Residential Science College only.

Winner : IV Semester Life Science

Runner Up : II Semester Life Science

Best Player - Samuel Lalramthanmawia, 2nd Semester Life Science

Best Goalkeeper - Oteoke Lalrinkima, 6th Semester Life Science

Top Scorer - Lalrammuana, 4th Semester Life Science

VIII. COLLEGE MAGAZINE

Members:

Chairman : Laltluangkimi
Secretary : Lalmalsawmi Chhangte
Lalthanpuii Ralte
Lalrinpuii Rokhum
H Thangkhanhau
Dr. Lalhmingliana Hnamte
Dr R Lalawmpuii
Lalrinliana Chawngte Editor
Lalramdintluanga Asst Editor

Objectives:

- a. To ensure publication and proper distribution of the Annual College magazine.
- b. To render advice to magazine editors as and when necessary.
- c. To empower magazine editors in collection and selectn of articles for magazine.
- d. To help in editing of college magazine.

Activities:

1. Collection of articles and messages, Proofreading and editing. Each professor in charge was allotted proofreading and editing task before the magazine was given for print. Discussed the layout and look of the magazine cover through whatsapp chats.
2. College magazine released on 30th November,2021 at th college auditorium at Ramthar with Heads of Departments and few people in attendance.
3. Due to the prevailing pandemic and repeated lockdowns, many activities could not be carried out. Our editors and professors in charge too suffered from covid during the reporting period. However, due to our editors` dedication and concerted effort made by the members of the committee, the magazine was finally released on the appointed date with a beautiful cake, no less.

IX. DEBATING, SOCIO-CULTURAL

Members:

Chairman : Lalthanpuii Ralte

Secretary :Dr C Lalmuankimi

Dr Arup Kumar

Laltluangkimi Hnamte

Lalrinsangi Nghinglova

Lalmalsawmi Chhangte

Mary Lalthansangi

Lalrinngheti Ralte

Dr R Lalawmpuii

R Lalramengzami

Objectives:

- a. To ensure smooth functioning of SENHRI, our college cultural club.
- b. To assist in selection of student representatives /participants in intercollege debates, quiz, cultural functions etc.
- c. To help promote the art of Public speaking among students.
- d. To help students in organizing competitions under the debating department during college week.

Activities:

1. The College Week was held on 7th to 15th December, 2021. The lists of winners in all the competition under the supervision of the Chairman Mrs Lalthanpuii Ralte:

English Essay Writing Results

1st Position – Suktara B. Mazumder (1st Semester Life Sc), Yellow House 2nd

Position – C.Lalrengpuii (3rd Semester Home Sc),Red House

3rd Position – T.Lalzarzovi (3rd Semester Life Sc), Green House

Poster Making Results

1st Position – Soyeena Chakma (1st Semster Life Sc), Green House 2ndPosition – Lizzy

Lalrinzuali (3rd Semester Home Sc),

Red House

3rd Position – K.C. Lawmsangpuia (3rd Semester Life Sc), Green House

Drawing Results

1st Position – Lalnuntluangi (5th Semester Botany), Green House

2ndPosition – K.C.Lawmsangpuia(1st Semester, Physical Science), Green House

3rd Position – Lalawmpuii (3rd Semester Physical Sc), Green House

Poetry (English) Results

- 1st Position – Manika Jamatia (1st Semester Life Sc), Green House
2nd Position – C Lalrammawia (5th Semester, Chemistry), Green House
3rd Position – John Lalmuanpuia (5th Semester, Electronics), Red House

Poetry (Mizo) Results

- 1st Position – T.Lalrammawia (5th Semester Chemistry), Blue House
2nd Position – Lalhmuaksanga Hlondo (5th Semester Mathematics), Yellow House
3rd Position – C. Lalengzuali (5th Semester Electronics), Red House

Mizo Essay Writing Results

- 1st Position – C. Lalremkimi (3rd Semester Home Sc), Yellow House
2nd Position – Vanlahmunsiami (1st Semester Physical Sc), Yellow House
3rd Position – Elizabeth Malsawmdawngliani (1st Semester Life Sc), Green House

Extempore Speech Winner Result:

- 1st Position – Red House
2nd Position – Green House
3rd Position – Blue House

Quiz Winner Results:

- 1st Position – Red House
2nd Position – Yellow House
3rd Position – Blue House

2. OTHER ACTIVITIES

Despite Prevailing pandemic Covid-19 College Miss and Mister were contested under the organizing committee. Miss C. Lalthanpuui 4th semester, Department of Home Science was crowned for College Miss, and Dominic Hnamte 5th Semester, Department of Geology for college Mister.

Senhri Cultural Club performed Mizo cultural dance on the occasion of Cultural Program during NAAC Peer Team visit and also performed Mizo cultural dance for the celebration of NAAC A grade awarded.

X. SPIRITUAL COUNSELLING

Members:

Chairman : C Lalramdina
Secretary : Laltlanchhungi
Lalhruaitluanga
Lalrinngheti Ralte
Lalhmingliani Hlondo
Lalrintluangi
Rebecca Lalnuntluangi

Objectives:

- a. To assist the activities of the Evangelical Union.
- b. To provide spiritual counselling to those in need.
- c. To promote and ensure mental and spiritual health of students.

Activities

- 1) Helpline for Student's Mental Health and Psychological Guidance on Covid-19 pandemic was made.
- 2) Organised Online Prayer meeting once every week
- 3) Celebrated Online EU Silver Jubilee on 21st September, 2021. The chairman of Spiritual Counselling Cell and Evangelical Union had delivered greetings to all the members attending EU Silver Jubilee celebration. All the committee members of this Committee willingly contributed Rs 2000 each for the celebration of EU Silver Jubilee.
- 4) For raising Fund, EU members had helped Home Science Department to shift their properties from old campus to new campus on 28th October, 2021.
- 5) Organised online Sunday Service
- 6) Organised online Bible study once a month
- 7) EU choir released music video which can be viewed through GZRSC You tube Channel (22.9.2022)
- 8) To raise fund, EU members took part in repainting of old college building at Ramthar for three days i.e., 2nd February to 4th February, 2022
- 9) EU Choir sang an opening song in Cultural programme organised during NAAC PEER Team Visit i.e., 22.3.2022
- 10) EU Choir sang an opening song on the Celebration of NAAC Grade 'A' Accreditation and Inauguration of College Building Block II & III
- 11) Organised Retreat for EU members on 14.4.2022. The Chairman of Spiritual Counselling Cell & Evangelical Union acted as a resource person.

XI. REFRESHMENT

Members:

Chairman : Mary Lalthansangi
Secretary : Maria Lalhmingmawii
Lalrintluangi
R Lalmawipuii
Dr Lalmuankimi
Dr Lalsaimawia Sailo

Objectives:

- a. To take charge of selecting and ordering food items to be distributed in college functions.
- b. To take charge of distributing the selected food items during the functions.

Activities:

1. Refreshment for "Sensitization Programme on NAAC Peer Team visit" on 11/11.2021.
Refreshment was served for 50 people.
2. Refreshment for "General Body Meeting and AAA Exit meeting" on 12.11.2021.
Refreshment was served for 100 people.
3. Refreshment for Peer Team Visit on 22nd & 23rd March 2022. Breakfast, lunch, snack & dinner was served.

XII. DECORATION & HALL ARRANGEMENT

Members:

Chairman : Lalsangliani Khawlhing

Secretary : Rebecca Lalnuntluangi

Lalrinngheti Ralte

Lalhmingliani Hlondo

Vanlallawmi

Parijat Kumar

F Lalthanzuala H A

Mimi Lalmuanawmi

K Zosangpuii

Fanai Lalsangluaii

Objectives:

- a. To take charge of decoration & hall arrangement for college functions.
- b. To look after the beautification of the college in general.

Activities:

1) NAAC Peer team visit on 22 & 23 March, 2022.

2) Celebration of NAAC Grade 'A' Accreditation cum Inauguration of College Building Block II and III on 15th April, 2022.

3) With the closure of institutions due to pandemic, no activities could really be undertaken by the committee but as the end of covid 19 was in sight actions were taken for NAAC preparation as far as possible. Available resources both human and materials were soon fully utilized to meet the expenses.

The area around the college campus was decorated with flags of different colors, attached to a pole. The college outside entrance gate was also lined with potted plants and flowers to make it more welcoming for the team. The terrace was arranged for the cultural program. Stage design was a good one. The exit room was furnished and decorated.

XIII. SECURITY

Members:

Chairman : C. Lalramdina

Secretary: C Lalrinawma

Sailopuii

Lalhruaitluanga

Zodinpuui

L B Singh

Dr Ricky Lalhmangaihzuala

Remlalsiama

Lalnunthara

R Lalramengzami

Reginald Vanlalchaka

Dr. Lalrinmawia Punte

Objectives:

- a. To monitor disciplinary climate prevailing in the student community.
- b. To provide security and maintain discipline among students during college functions.
- c. To issue rules relating to disciplinary proceedings as and when necessary and to strictly implement already existing rules pertaining to discipline of students in consultation with the Principal.

Activities:

1. Awareness/ Sensitization on professional code of conduct in coordinate with the IQAC Coordinators on 25th Feb 2021 in the General Body Meeting where teaching, non-teaching, student and alumni representative were present.
2. Soft copies of the Institutional code of Conduct is disseminated to faculty and students through whatapps, uploaded to College website and in the college year book.
3. The institutional code of conduct awareness programs was held on First day of the Even semester, 2022

XIV. CANTEEN

Members:

Chairman : MsCaroline Zaihmingthangi

Secretary : Dr Fanai Lalsangluaii

Lalthanpuii Ralte

Vanlallawmi

Zonunthari

Parijat Kumar

K Zosangpuii

C Lalremruatfela

Objectives:

- a. Authorized to select the canteen proprietor.
- b. To monitor the working of the college canteen and give necessary advice to them.
- c. To supervise and ensure efficient management of canteen towards providing hygienic, healthy and tasteful food items.

Activities:

1. New Guidelines for Canteen Management was proposed and finalized by the committee on 21st July, 2021.
2. Tender for new canteen staffs was proposed by the committee.
3. An interview for new canteen staff was held at Principal's Chamber on 7th Dec 2021. Mrs Dingpuii was selected and offered to run the canteen for a period of 1 year, ie 2022-2023 at our new campus Durtlang.
4. Construction of new canteen at Durtlang Campus was done by College Building comt, where Canteen sub comt members were also actively involved and joint meeting was conducted timely.
5. Several 'Hnatlang' were conducted for NAAC preparatory, sub comt members were actively involved.
6. The rent for new campus canteen was fixed @ 2000/ month by the sub- comt meeting on 1st Apr 2022.
7. For NAAC peer team visit, the sub comt received Rs 20,000. Many items are newly purchased and the new canteen was also decorated for PTV preparation.
8. The sub- comt made a proposal for furniture requirements of the new canteen, which was purchased by the college before the arrival of peer team

Tables-12x1500, Chairs – 48x600, Total expenditure=Rs 46,000

XV. LIBRARY

Members:

Chairman : Prof B Zoliana, Principal

Secretary : Laltlankima

Members : Dr. Arup Kumar

Lalrammawii

H Lalzuala H.A.

Laltlankima

Lalrosangpuii

M.I. Singh

Dr Lalthanpuii

Dr Lalremruata

Objectives:

- a. To guide the librarian in formulating general library policies and regulations.
- b. To work towards modernization and improvement of the library.
- c. To adopt measures to enhance and promote reading culture among students.
- d. To organise orientation programmes on library use.

Reports and Activities:

1. New N- list subscription for college library – 2021-2022
2. Introduction of opac in library – 24th October, 2021.
3. New book rack – 2
4. New journals subscription – 11 journals, 2021.
5. New magazines subscription – 4 magazines.
6. New computer monitors and new ups –4 monitors
7. Forty new books for Biochemistry and Geology)
8. Online library orientation for 1st Students on 30th July, 2021.

XVI. RECEPTION

Members:

Chairman	: Laltlanchhungi	
Secretary	: Remlalsiama	
	Zodinpuii	H Lalnunsangi
	Caroline Zaihmingthangi	Dr K B Singh
	Rebecca Lalnuntluangi	Mimi Lalmuanawmi
	Dr. R Lalawmpuii	Lalsangzuali

Objectives:

- a. To look into matters pertaining to reception of invited guest, dignitaries, resource persons etc to college functions and programmes.
- b. To cordially receive officials during college functions, inspections etc. and provide gifts and flowers if necessary. To make arrangement for transportation and accommodation of guests when required.
- c. To maintain the *visitor's book* and ensure that all visitors give their feedback of their visit in the book.

Activities:

Reception duty performed successfully during the following Programmes and attendance sheets were submitted to Concerned organising Committees:

1. Sensitization Programme on NAAC PEER Team Visit on 11.11.2021 at College Auditorium.
2. Exit Meeting on 12.11.2021 at College Auditorium.
3. On 16-18/3/22, immediate requirements of PEER TEAM is purchased.
4. On 16.3.22 and 17.3.22, briefing of appointed 22 receptionist is done at Botany core room.
5. Four (4) vehicles were assigned to receive and drop the PEER TEAM from airport to and fro.
6. Welcome banner is prepared for the PEER team.
7. Reception duty is well performed by Receptionist and Reception committee members in the airport, in the Guest House and in the college campus.
8. Reception duty is performed in all the three days (22-24/3/22) during the PEER Team visit to our college.
9. Inner Line Permit for the PEER TEAM were obtained on 21.3.22
10. Special Provision for Covid-19 test in the airport for PEER TEAM during their arrival is arranged.
11. Immediate requirements of PEER TEAM members were kept well in advance in their booked Hotel room.
12. Some gift items were purchased and presented to PEER TEAM during exit meeting on 23.3.22.
13. Reception duty performed at NAAC Grade 'A' (CGPA 3.09) celebration held on 12.4.2022.

XVII. CLEANLINESS & SANITATION

Members:

Chairman: Dr C. Zoramthara

Secretary : Lalmalsawmi Chhangte

Members: S Thangrimawii

Mary Lalthansangi

Lalrammawii

Zonunthari

Lalremruati Hmar

Dr C Lalremruatfela

Objectives:

- a. To ensure that cleanliness is maintained in classrooms and college campus.
- b. To organise regular cleanliness drive jointly with the NSS.
- c. To take all necessary steps to ensure cleanliness (e.g. selection of cleanest classrooms etc).
- d. To inculcate the importance of cleanliness and promote clean & hygienic living.

Activities:

1. Mass cleanliness programme at old campus from 25th -28th January,2022
2. Mass cleanliness programme at old campus 10th & 11th March,2021
3. Mass cleanliness programme at Durtlang campus 11th March,2021
4. Mass cleanliness week held at Durtlang campus from 14th -18th March,2022
5. In preparation for the NAAC Peer team visit, the committee is doing its best to ensure that the college and its compound remain clean and green. The committee made all necessary arrangements for students and faculties alike giving out detailed cleaning roster and the like. With the support garnered from everyone, we managed to have a very clean campus.

XVIII. ICT

Members:

- Chairman : H. Thangkhanhau
Secretary : Laldingliana Sailo
Lalrinmawia
Dr Lawrence Zonunmawia Chhangte
R Lalmawipui

Objectives:

- a. To monitor the college website and keep it updated with relevant information including the syllabus, etc.
- b. To generate easy access of information and study materials to benefit students as well as the faculty.
- c. Establish policy concerning the operation of the website.

Activities:

1. The ICT Committee is committed, and support is given wherever necessary to ICT matters during the reporting period.
2. The committee is looking after the college website by uploading content whenever required. Many updates happened during the reporting period. The contents to be updated came from different sources, prominently the Principal, IQAC, and various college committees and cells.
3. The IQAC needs various contents to be uploaded to the college website to generate links to prepare for NAAC accreditation. The ICT committee is closely working together with IQAC in uploading contents and the generation of links.
4. Due to the Covid-19 pandemic, online classes need to be conducted by all the departments and teaching faculties; support is given wherever required for online classes' smooth conduct.
5. For the smooth running and better performance of our College website a new hosting plan was bought.
6. In order to execute the online admission 2021, a new admission portal has been developed and implemented <https://gzrscadmission.in>.
7. New internet (broadband) connect (JIO FIBER 3nos) was installed in the old campus.
8. All classrooms in the new campus were equipped with ICT devices (Projectors).
9. New Broadband Internet connections (DHI Lease line) were installed in the new Campus building.

XIX. ALUMNI

Members:

Chairman : Dr. Lalzahawmi Chenkual

Secretary : Dr. P.C. Rohmingliana

Lalrinsangi Nghinglova

Dr. C

Lalremruatfela

Remlalsiama

Lalremruati Hmar

Maria Lalhmingmawii

Dr.Lalhmingliana Hnamte

C Lalrinawma

Dr. R Lalawmpuii

Objectives:

- a. To maintain close ties with our ex-students and take note of their placements.
- b. To organise Alumni day.
- c. To assist the student alumni association.

Activities:

1. **Celebration of 6th Alumni Day 2021:** Due to the restrictions imposed by the Covid-19 pandemic, Alumni Day could not be celebrated in the traditional manner. Hence, a *Webinar* was organised on 1st August, 2021 to commemorate the day. **Dr. Krista Roluahpuia**, Asst. Professor, Dept. of Physics, Banaras Hindu University and who is also an Alumni member of our college was invited as a *Resource Person* and gave a motivational speech to Alumni members and final year students.
2. **Alumni Association Registration:** Gov't. Zirtiri Residential Science College Alumni Association (GZRSCA) has been registered under the *Mizoram Societies Registration Act (Act No. 13 of 2005)* on 20th January, 2022.
3. **Fencing work done by Alumni members:** For the preparation of NAAC Peer Team Visit during 22nd – 23rd March, 2022, our Alumni Association organized a fencing work programme of college campus, Durtlang on 19th February, 2022. Around 20 Alumni members participated in this programme.
4. **Meet with NAAC Peer Team:** Our College faced NAAC Peer Team Visit during 22nd – 23rd March, 2022. Around 30 Alumni members attended in *Meet the Alumni Programme* on 22nd March, 2022 and we have a nice interaction with NAAC Peer Team.
5. **Donation:** A donation was received from our Alumni Member of Class of 2008 – 2011 Batch, BCA

XX. RESEARCH & SEMINAR

Members:

Chairman : Dr. Lalzahawmi Chenkual

Secretary : Dr. Ricky Lalmangaihzuala

Dr.Arup Kumar

Dr Rosangliana

Lalrinsangi Nghinglova

Sailopuii

Dr Fanai Lalsangluaii

Dr Samuel Lallianrawna

Objectives:

- a. To facilitate research culture among students and the faculty.
- b. To initiate, facilitate, integrate, recommend and support research projects conducted by faculty members and students.
- c. To organise Seminars, lectures on selected topics at regular intervals.

Activities:

1. We organised '*National Webinar on Contemporary Technology for future Nano-FETs*' on 16th December 2021 in collaboration with Department of Electronics, GZRSC.
2. We organised '*Webinar on Celebration of National Science Day*' on 8th March, 2022 in collaboration with MISTIC.

XXI. DISASTER MANAGEMENT

Chairman : Dr. C. Lalremruatfela

Secretary : Laltlankima

Members: Lalsangliani Khawlhiring

Dr. Lalzahawmi Chenkual

Dr. C. Zoramthara

Lalnunthara

Dr. C Lalmuankimi

Objectives:

- a. To react to any kind of disaster, natural or man-made that involves the college.
- b. To spread awareness on mitigation of any kind of disaster.
- c. To work in close proximity with the Disaster management Department, Govt. of Mizoram.

Activities:

1. Prepared flyers for the upcoming landslide season.
 2. The committee will also take necessary action and provide technical assistance (if required) in case of disaster related activities.
 3. Landslide awareness flyers were prepared in mizo and English and distributed through social media platforms like whats app, instagram etc.
- Since summer monsoon is a triggering factor for landslides in Mizoram, these flyers will help the general public to prepare for rainfall induced landslides.

XXII. VILLAGE & SCHOOL ADOPTION

Members:

Chairman : Dr. R Lalengmawia
Secretary : Dr. P.C.Rohmingliana
Lalthanpuii Ralte
Laltluangkimi Hnamte
Lalrinngheti Ralte
Vanlallawmi
Lalhruaitluanga
Dr. Ricky Lalmangaihzuala

Objectives:

- a. To encourage extension programmes for greater social good.
- b. To work towards upliftment of adopted villages & schools.
- c. To arrange invited lectures in collaboration with the school authority.

Activities:

No activity during the reporting period

XXIII. WOMEN STUDIES

Members:

Chairman : Lalsangkimi Hmar
Secretary : Lalrinsangi Nghinglova
Lalthanpuii Ralte
Lalhmingliani Hlondo

Objectives:

- a. To work towards promotion of gender equity.
- b. To uplift the girl student and provide special provisions wherever possible.
- c. To coordinate with the Women Study Centre, Mizoram University in organising seminars, etc.

Activities:

1. Gender ambassadors appointed from new students
2. Training of gender ambassadors conducted
3. Secretary was invited to give Awareness Talk on Gender Equity by Pachhunga University College on 29.10.2021
4. Talk on gender equity conducted for first year students of Home Science
5. Segregation of toilets for ladies in old building was redone.

XXIV. INTELLECTUAL PROPERTY RIGHT

Members:

Chairman : Dr. Lalhmingliana Hnamte
Secretary : Dr C. Zoramthara
Dr Arup Kumar
Lalhmingliani Hlondo

Objectives:

- a. To disseminate awareness on patent rights and educate members on issues relating to intellectual property
- b. To study and monitor intellectual property and copyright issues.
- c. To coordinate with the IPR Cell, Department of Science & Technology, Govt. of Mizoram.

Activities:

1. Received a sum of ₹ 20,000 (Twenty Thousand from MISTIC, Govt. of Mizoram

XXV. CAREER COUNSELLING, PLACEMENT & STUDENT'S SUPPORT

Members:

Chairman : Zodinpuii
Secretary : Lalrinsangi Nghinglova
Dr. Lalzahawmi Chenkual
Lalsangkimi Hmar
Caroline Zaihmingthangi
Lalthanpuii Ralte
Dr M.S.Dawngliani
H Thangkhanhau
Lalhruaitluanga
Lalrintluangi
Laltlanchhungi

Objectives:

- a. To provide assistance to students who are economically deprived.
- b. To organise add on courses such as CCC and other such courses.
- c. To organise Personality Development course for final year students and equip them with life skills.
- d. To provide career counselling to students and look out for placement of students.

Activities:

1. Endowment fund was provided to 3 students during even semester.
2. Preparation for NAAC peer team Visit.
3. Conducted CCC. Total enrolment 92 students.
4. Conducted Online Personality Development Course during 30th May -3rd June 2022
5. Provided endowment fund to 15 students during odd semester.
6. Repainting of old college Building was financed by the committee.

XXVI. INNOVATION CLUB

Members:

Chairman	:	Lalhruaitluanga		
Secretary	:	Lalmalsawmi		Chhangte
Lalrinmawia		Lalthanpuii Hnamte		
Mary		David Rosangliana		
Lalthansangi		Dr Samuel Lallianrawna		
		Dr Lalsaimawia	Sailo	

Objectives:

- a. Explore innovative ideas in local groups.
- b. Organise seminars, conferences, workshops, exhibitions relating to innovations.
- c. Develop innovative mind set and train for entrepreneurship.
- d. Provide opportunities and platforms for students, teachers and other members of the society.
- e. Support and facilitate grass root innovations.
- f. Document innovations for different walks of life.
- g. Collaborate with micro, small and medium enterprises.
- h. To promote innovation, creativity and engagement in science.
- i. To cultivate in students the ability to think “out of the box”.

Activities:

1. Preparation of greenhouse.
2. Water tanky for greenhouse delivered
3. Pot stands (new ones) made and delivered
4. Water pipes fitted
5. Plants of different varieties collected for greenhouse
6. Due to the rising covid cases and lockdowns, the club was unable to do substantial work. However, as we are expecting NAAC Peer Team visit, work at greenhouse had to be done and members did our best to make it look presentable. However, since there is no college due to covid, plants collected died and needed to be replaced.
7. Mass work at greenhouse on 22nd February,2022.
8. Labelling of plants, seeds of indigenous plants collected
9. Plants grown by our collaborator Botany dept identified and collected.
10. Gardening tools and manure procured.
11. Greenhouse approach road constructed Due to the concerted effort of members and our collaborating department i.e Botany dept , our greenhouse was ready for the PTV . It is a pity that the peer team members failed to visit our greenhouse due to their tight schedule. Watering of plants was done by a hostel girl who was given honorarium.

XXVII. NATIONAL SERVICE SCHEME (NSS)

Members:

- Chairman : Lalnunthara
Secretary : Dr. P.C. Rohmingliana
Mimi Lalmuanawmi
Rebecca Lalnuntluangi
Dr. C. Lalremruatfela

Objectives:

- a. To fulfil the aims and objectives of the NSS.
- b. To serve the society without bias.

Activities:

1. Green Mizoram Day 2021: On 15.07.2021, Observance of Green Mizoram Day was carried out in collaboration with Eco-Club, GZRSC at Hmuifang road plantation site by fencing/cleaning weeds/planting new sapling. 4 Programme Officers participated in this event.
2. Orientation Programme: On 27.07.2021, Orientation Programme for NSS Volunteers was organized for First Semester students in Online Mode. 5 P.Os and 207 volunteers attended this programme.
3. Swachhata Pakhwada (Cleanliness Fortnight) was observed on 14.08.21 by conducting webinar through google meet platform. 188 volunteers (M-83, F-105) participated. The programme was organized in collaboration with cleanliness and sanitation committee GZRSC. Dr. Rebecca Vanlalsangi (Dept. of Biochemistry) was the resource person.
4. Cleanliness drive was conducted on 08.10.2021 at Ramthar campus. 24 volunteers (M-11, F-13) participated.
5. Webinar on Career awareness was conducted on 08.10.21 through google meet platform. Mr. Lalhruaitluanga, Assistant Professor, Dept. of BCA, GZRSC was the resource person. 100 volunteers (M-47, F-53) attended the programme.
6. Webinar on Rain water harvesting and maintenance of water reservoir was conducted through Google meet on 15.10.21. Dr. R. Zonunsanga, Assistant Professor, Centre for Disaster Management, Assistant Director HRDC, Mizoram University was the resource person. 72 volunteers (M-43, F-29) attended the webinar.
7. One of our Programme Officer, Dr. C. Lalremtuatfela attended at the Celebration of 52nd NSS Foundation Day held at Aijal Club on 24th September, 2021.
8. Voluntary Blood Donation was conducted at Civil Hospital, Aizawl on 09.12.2021. Out of 31 volunteers turned up, 21 units of blood were donated (Male-10, Female-11).
9. Some of our Volunteers and Programme Officers participated in the 25th National Youth Festival on 12th& 13th January, 2022 through virtual mode.
10. Cleanliness Drive was conducted at Ramthar campus on 25th to 28th January 2022. 200 volunteers (M-107, F-93) participated.

11. Voluntary Blood Donation was conducted at Civil Hospital, Aizawl on 22.02.2022. Out of 26 volunteers turned up, 7 units of blood were donated (Male-6, Female-1).
12. Plantation visit /Fencing/Cleaning of Plantation site for Fire Prevention was organized on 28.02.2022. In this event, 4 Pos (M-3, F-1) were participated.
13. Webinar on Fire Prevention was conducted on 7th March 2022 through google meet platform. Dr. Lalrokima Chenkual, Assistant Director (Trg.) Disaster Management and Rehabilitation Department, Govt. of Mizoram was the resource person. 101 volunteers participated in this programme.
14. Cleanliness Drive at Ramthar campus and Durtlang campus during 10-11 & 14-18 March 2022 organized in collaboration with Cleanliness and sanitation committee. 350 volunteers (M-183, F-167) participated. Teachers were assigned to supervise the activity of volunteers.
15. One of our Programme Officer Dr. P.C. Rohmingliana attended at the Meeting of NSS Programme Officers within Aizawl City on 13th May, 2022 at Conference Hall, Govt. Hrangbana College.
16. Green Mizoram Day 2022: On 10.06.2022, Observance of Green Mizoram Day was carried out in collaboration with Eco-Club, GZRSC at Hmuifang road plantation site by fencing/cleaning weeds/planting new sapling. 11 Members (2 POs + 6 Volunteers + 2 Eco-Club members) participated in this event.
17. Organised Special Camping at Saithah Quarry veng during 6th – 12th January, 2022 by construction of Water Reservoir. In this camp 32 volunteers (17 Males & 15 Females) were participated.
18. Organised Special Camping at Saithah Field veng during 6th – 12th January, 2022 by Renovation of Public Urinal. In this camp 32 volunteers (17 Males & 15 Females) participated.
19. Organised Special Camping at Lallen Village during 6th – 12th January, 2022 by construction of Public Urinal. In this camp 35 volunteers (20 Males & 15 Females) participated.
20. Organised Special Camping at Sairang Dinthar during 10th – 16th February, 2022 by Excavation of Volleyball Court. In this camp 34 volunteers (22 Males & 12 Females) participated.
21. Organised Special Camping at Chhingchhip during 24th – 30th March, 2022 by construction of toilet. In this camp 35 volunteers (17 Males & 18 Females) participated.

Assets created

Sl. No.	Name of Assets	Location
1	Water Reservoir	Saithah Quarry Veng
2	Public Urinal	Saithah Field Veng
3	Public Urinal	Lallen
4	Excavation of Volleyball Court	SairangDinthar
5	Public toilet	Chhingchhip

XXVIII. RED RIBBON

Members:

Lalnunthara

Zarzokimi

Objectives:

- a. To work towards fulfilment of the ideals of MSACS
- b. To work in co-ordination with NSS

Activities: Collaborated with NSS

XXIX. ADVENTURE CLUB

Members:

- Chairman : Lalnunthara
Secretary : Dr. C Zoramthara
Dr. C. Lalremruatfela
Dr. Lawrence Zonunmawia Chhangte
Dr. P.C.Rohmingliana
Dr. Lalmangaihzuala

Objectives:

- a. To inculcate a healthy spirit of adventure in the students.
- b. To train the students to work as a team.
- c. To explore and discover the hidden qualities of the students.
- d. To impart in the student a sense of love, sacrifice and service to the entire creation.
- e. To prepare the student for future challenges in the global context.

Activities:

1. **22nd ADVENTURE COURSE** : Attended 22nd Adventure Course organized by Department of Sports and Youth Services at Vaipuanpho during 11th -25th February 2022. On behalf of Zirtirians Youth Adventure Club, C. Lalduhawmi 2nd semester and Christopher Lianzova 2nd semester participated in this adventure course. They both successfully finished the course and were certified by the organizer.
2. **BASIC ADVENTURE CAMP:** Attended 'Basic Adventure Camp' organized by the Department of Sports and Youth Services at Vaipuanpho base camp during 11th – 15th January 2022. Two of our club members Lalchhuanawma 2nd semester and C. Lalduhawmi 2nd semester attended on behalf of Zirtirians Youth Adventure Club. It was a basic training attended by many other adventure clubs as well. Activities like Rappelling, Jummering, Commando Bridge, Zip line, z-pulley and c-pulley, etc. were conducted.
3. **ONE DAY TRAINING:** One day training was organized twice during July 2021 to June 2022.
Firstly, it was held at Durtlang campus on 5th November 2021. 15 members of Zirtirians Youth Adventure Club attended the training along with our ex-leader Lalrinzuala and ex-secretary Zomuansanga. Different activities were held during this training such as; Rapelling, zip line and rope knots were taught.

Secondly, it was held at Leisang Kurung on 2nd April 2022. In this day, 37 members of Zirtirians Youth Adventure Club attended the training and different activities such as Rapelling, Jummering and rope knots were learned.

4. **ICYAC ONE DAY TREKKING CUM CLEANLINESS DRIVE:** Inter-college Youth Adventure Club organized 'One Day Trekking cum Cleanliness Drive' after a long haul without any activities because of COVID-19 pandemic. It was held on 23rd April 2022. The trekking start from Kulikawn Bus Stand to Serlui. 5 members of Zirtirians Youth Adventure Club attended the programme.
5. **COLLEGE CLEANING WORK:** During NAAC preparation (January- March 2022) Club members cleaned all the windows and install College Signboard at Block-II which needs to be done through Rapelling.

XXX. NATIONAL CADET CORPS (NCC)

Caretaker Officer : Dr. C. Lalmuankimi

Objectives:

- a. To motivate students to take up a career in armed forces.
- b. To work in co-ordination with the NCC Hqrts and fulfil the aims of the National Cadet Corps.
- c. To develop leadership skills, character and discipline.

Activities:

1. Yoga (online).
2. Webinar on Importance of National Integration in Nation Building
3. Young warrior task.
4. Run for India.
5. Pre-RDC1.
6. Pre-RDC2.
7. Combined Annual Training Camp(CATC).
8. Duty on NAAC.
9. Gaurd of Honor to Chief Minister of Mizoram.
10. The GZRSC Cadets Unit was having special item for NAAC Peer Team visit and also performed Guard of Honor to Chief Minister of Mizoram Mr. Zoramthanga for the celebration of College NAAC A grade Accreditation. Our cadets have given examination for 'B' certificate on 12th April, 2022 at Government Aizawl College and also received certificate for the same. Lalrawngbawla and Vanlallawmzuali received 'C' Certificate.

XXXI. ECO CLUB

Members:

- Chairman : Sailopui
Secretary : Dr. C. Lalremruatfela
Members : Mary Lalthansangi
Dr. C. Zoramthara
Lalmalsawmi Chhangte
Lalrosangpuii
H. Lalnunsangi
Lalrintluangi
Rebecca Vanlalsangi

Objectives:

- i. To promote participation of students in learning about and improving environment.
- ii. To create Environmental awareness among students in particular and the public in general.
- iii. To sensitize students towards environmental concerns by organizing seminars, workshops, social work and camps etc
- iv. To guide students in tackling environmental problems

Activities:

1. Observation of Green Mizoram Day at NSS Plantation site, Hmuifang road on 15th June 2021 with NSS Unit GZRSC. Cleaning, planting of saplings and fencing was done.
2. World Ozone Day Inter College Quiz Competition was organized jointly with Mizoram Pollution Control Board through Google meet on 16th September 2021. Dr. PC. Lalrinfela, Mrs. Lalrosangpuii and Dr. Rebecca Vanlalsangi were quiz masters for this competition. Christian Varparhi Eco club member won first prize in this competition.
3. Organized webinar on Employment Opportunities in Mizoram in association with Tourism Department, Mizoram on 10th Sept, 2021.
4. 8 nest boxes were installed on several trees around the campus.
5. Compost tumbler for organic/ biodegradable waste was installed for girl's hostel.
6. NSS plantation visit/fire prevention campaign was carried out at Hmuifang road plantation site in collaboration with NSS unit GZRSC. Cleaning and refencing of saplings was done in this programme.
7. Mary Tingkhawlmangi 4th semester won 3rd prize on Online article writing competition for Mizoram College Eco Clubs. This competition was organized by Mizoram Pollution Control Board in observance of International Day of Forests with the theme "Forests and sustainable production and consumption" on 21st March 2022.
8. Elimination of single use plastics campaign was conducted on several occasions by:

- i. Cleaning of college campus
- ii. Pasting posters to spread awareness
- iii. Awareness campaign with non-teaching staff.

9. International Day for Biodiversity/ Single use plastic free campaign 2022 was conducted on 23rd May. Mrs. Lalrosangpuii (Green teacher) was the resource person and reusable cotton bags handmade by Miss Sailopuii (Chairman Eco Club) was given to all participants.

10. Green Mizoram Day 2022 was observed on 10th June at Hmuifang road NSS plantation site in collaboration with NSS unit. Planting of trees, fencing and cleaning of plantation site was carried out in this programme.

XXXII. EK BHARAT SHRESTHA BHARAT CLUB

Members:

Chairman	: Prof. B. Zoliana Principal
Nodal Officer	: Dr. R Lalengmawia
Coordinator	: Dr. Lawrence Zonunmawia
Student Coordinator	: Cultural Secretary, Students' Union.
Members	: Dr. Lalzahawmi Chenkual Lalrinsangi Nghinglova Mary Lalthansangi Lalthanpuii Lalsangkimi Hmar Two Student Representative from NSS Volunteer Two Student Representative from NCC Cadet General Secretary, S.U.

Objectives:

1. To celebrate the unity in diversity of our Nation.
2. To promote the spirit of National integration.
3. To showcase the rich heritage and culture of either states
4. To establish long –term engagements
5. To create an environment which promotes learning between states

Activities:

1. Organised Online Photography Competition in collaboration with Students' Union and Socio-Cultural Committee on 10.2.2021 with a Theme of "Hnamzia pholang thei" and "Mizo thum inbel"

XXXIII. LIGHT AND SOUND

Members:

- Chairman : Dr. Rosangliana
Secretary : Dr. Lawrence Zonunmawia Chhangte
Lalrinmawia
Dr. PC Rohmingliana
Dr. C Zoramthara
Reginald H. Vanlalchaka
David Sailo
Dr. Lalrinmawia Punte

Objectives:

- i. To oversee that all electrical equipments pertaining to light and sound (including computer and projector) are in good working condition.
- ii. To ensure the safe-keeping of these equipments
- iii. To make assign duties to operate the equipments during all college functions and make necessary arrangements

Activities:

1. Arrangement of sound system for interactive session and sensitization on NAAC Peer team visit on 11 th November 2021.
2. Arrangement of sound system for Sensitization Programme on NAAC PEER Team Visit on 11.11.2021 at College Auditorium.
3. All the sound system and Light arrangement with Delta Sound during NAAC peer team visits (22 - 24, March 2022).
4. Sound system arrangement with Delta Sound for Celebration of NAAC Grade 'A' Accreditation cum Inauguration of College Building Block II and III on 15 th April, 2022.
5. Sound system arrangement for Orientation Programme on CO/ PO was conducted by all departments at the beginning of the academic session 2021-22 (even) as stipulated by the IQAC.
6. Sound system arrangement Personality development course was conducted for final year students by Student Support committee under the aegis of the IQAC during 30 th May -3 rd June 22 in which 91 students registered.
7. Sound system arrangement for '5 Days Faculty Development Programme for Teaching and Non-Teaching Staff' on 5 th - 9 th April, 2021 at Govt. Zirtiri Residential Science College.

XXXIV. Legal Cell

Co-ordinator : Lalrinsangi Nghinglova

Advocate in charge : Lalbiakkima

Objectives:

- i. To co-ordinate with Mizoram State legal Services Authority in organizing legal awareness programmes etc
- ii. To supervise the functioning of the legal clinic in the college

Activities :

1. Application was sent to Member secretary to extend panel for legal clinic. As such Lalbiakkima was re-appointed. However, Due to Covid -19 Legal clinic was not operational
2. Pamphlets and legal literature were collected from Mizoram state legal Services authority to be distributed to students.
3. Office of legal cell has been refurnished
4. Collaborated with women cell to train gender ambassadors

9. ABSTRACT OF EXPENDITURE FROM NEW INFRASTRUCTURE AND FACILITIES ACQUIRED

**Head of Account - Infrastructural Grant
(RUSA 2.0)**

EXPENDITURE STATEMENT

INCOME:

Sl. No.	Amount	Remarks
1	Rs. 90,00,000.00	Vide SPD(RUSA) Letter No. G.20015/2/2015-SPD(RUSA)/ Infra Dated Aizawl the 4 th July, 2019
2	Rs. 10,00,000.00	Vide SPD(RUSA) Letter No.G.20015/1/2016-SPD(RUSA) Pt1 (Infrastructure) State Share
3	Rs. 45,00,000.00	Vide SPD(RUSA) Letter No.G.20015/2/2015-SPD(RUSA)/ Infra Dated Aizawl the 27 th July,2020 (Infrastructure) Central Share
4	Rs. 5,00,000.00	Vide SPD(RUSA) Letter No.G.20015/1/2016-SPD(RUSA) Pt1 Dated Aizawl the 30 th July,2020 (Infrastructure) State matching share
5	Rs. 45,00,000.00	3 rd and final Installment of Infrastructure grants to Colleges (Central Share) under RUSA 2.0 :Vide SPD(RUSA) Letter No.G.20015/3/2022-SPD(RUSA)/ 45. Dated Aizawl the 25 th Aug,2022
6	Rs. 5,00,000.00	3 rd and final Installment of Infrastructure grants to Colleges (State Share) under RUSA 2.0 : Vide SPD(RUSA) Letter No.G.20015/1/2016-SPD(RUSA)Pt-1. Dated Aizawl the 7 th April, 2022
Total	Rs. 2,00,00,000.00	

EXPENDITURE:

**HEAD OF ACCOUNT: PURCHASE
(Financial Year 2019-2020)**

Sl. No	Sanction No.& Date	Amount	Expenditure Head
1	No.B.13011/4/16-GZRSC(RUSA)/13-14/19 Dt. 6.8.2019	83600.00	To proprietor MD Enterprise, Sikulpuikawn, Aizawl for the cost of eight tables.
2	No.B.13011/4/16-GZRSC(RUSA)/25-26/19 Dt. 18.9.2019	32600.00	To proprietor Mobile House, C-9, Millennium Centre, Aizawl for the cost of scanner.
3	No.B.13011/4/16-GZRSC(RUSA)/27-28/19 Dt. 27.9.2019	474963.00	To proprietor Sunflower Electronics, Chanmari, Aizawl for the payment of networking, purchase of projectors and Installation and Electrification.
4	No.B.13011/4/16-GZRSC(RUSA)/67-68/19 Dt.	36400.00	To proprietor Sunflower Electronics, Chanmari, Aizawl for the payment of

	16.10.2019		purchase of three nos. printers and two nos. UPS 600VA.
5	No.B.13011/4/16-GZRSC(RUSA)/69-70/19 16.10.2019 Dt.	19100.00	To RM Infotech, India, Aizawl for the payment of purchase of Macbook Adaptor and two nos. of Screen motorize.
6	No.B.13011/4/16-GZRSC(RUSA)/8-9/20 23.11.2020 Dt.	73630.00	To RM Infotech, India, Aizawl for the payment of purchase of HP Laptop-Pavillion and accessories.
7	No.B.13011/4/16-GZRSC(RUSA)/9-10/20 19.1.2021 Dt.	63,500.00	To Sunflower Electronics, Aizawl for the payment of purchase of Laptop Asus
8	No.B.13011/4/16-GZRSC(RUSA)/22/1-2 Dt.18.7.2022	1,02,995.00	To Proprietor Labtech, Ramhlun South, Aizawl for the payment of purchase of Laboratory Equipments for Biochemistry Department.
9	No.B.13011/4/16-GZRSC(RUSA)/22/3-4 Dt.18.7.2022	1,09,600.00	To Proprietor Technozone Solutions, Chandigarh for the payment of purchase of Laboratory Equipments for Electronics Department.
10	No.B.13011/4/16-GZRSC(RUSA)/22/5-6 Dt.18.7.2022	12,250.00	To Proprietor Imperial House Zarkawt, Aizawl for the payment of purchase of 25 nos of chairs for College Library.
11	No.B.13011/4/16-GZRSC(RUSA)/22/7-8 Dt.18.7.2022	5,85,000.00	To Proprietor Zachhing Steel Fabrication, Upper Republic Aizawl for the payment of purchase of Classroom Desks and Benches.
12	No.B.13011/4/16-GZRSC(RUSA)/22/9-10 Dt.18.7.2022	9,000.00	To Dr. Esther Lalnunpuii, Librarian GZRSC for the payment of subscription of Digits and Indian Forester.
	Total	16,02,638.00	

Total Sanction for Purchase = Rs. 20,00,000.00
Total Expenditure = Rs. 16,02,638.00
Balance (as on Dt. 13.9.2022) = Rs. 3,97,362.00

HEAD : **1. New Construction**
 2. Renovation/Upgradation & Extension

(Financial Year 2019-2020)

Sl. No	SANCTION NO.	AMOUNT	EXPENDITURE HEAD
1	No.B.13011/4/16-GZRSC(RUSA)/5-6/19 5.8.2019 Dt.	438837.00	To proprietor MW Venture Chhinga Veng, Aizawl for payment of preparation of DPR for construction of Academic Building at Durtlang Campus.
2	No.B.13011/4/16-GZRSC(RUSA)/15-16/19 11.8.2019 Dt.	1500000.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of Mobilisation Advance and Plant

			Machinery advance for Construction of Academic Building at Durtlang Campus.
3	No.B.13011/4/16-GZRSC(RUSA)/17-18/19 Dt. 11.8.2019	1200000.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of Vertical extension of Academic Building at Durtlang Campus.
4	No.B.13011/4/16-GZRSC(RUSA)/73-74/19 Dt.27.11.2019	6200000.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of second running account bill for Construction of Academic Building at Durtlang Campus
5	No.B.13011/4/16-GZRSC(RUSA)/5-6/20 Dt.24.8.2020	3085900.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of first running account bill for Construction of Academic Building at Durtlang Campus
6	No.B.13011/4/16-GZRSC(RUSA)/7-8/20 Dt.24.8.2020	783700.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of running account bill for Construction of Academic Building at Durtlang Campus
7	No.B.13011/4/16-GZRSC(RUSA)/12-13/20 Dt.11.2.2021	10,00,000.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of running account bill for Construction of Academic Building at Durtlang Campus
8	No.B.13011/4/16-GZRSC/22/11-12 Dt.6.9.2022	2,44,300.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of Balance amount from the total amount to be released i.e. Rs.64,44,300.00 vide No.D24012/2019-SPD(RUSA)/52-53 date 22.11.2019.
9	No.B.13011/4/16-GZRSC/22/13-14 Dt.6.9.2022	11,99,800.00	To Chairman, Skyridge Construction, Ramhlun South for the payment of Balance amount from the total amount to be released i.e. Rs.21,99,800.00 vide No.D24012/2019-SPD(RUSA)/325-326 date 2.2.2021
10	No.B.13011/4/16-GZRSC/22-15-16 Dt.2.3.2023	12,85,340.00	Released of Performance Guarantee and Security Deposit deducted from the running bill vide No.B/13018/3/2019/GZRSC/SPD(RUSA 2.0)/3 date 28.2.2023
	Total	1,69,37,680.00	

Total Sanction for New Construction	=	Rs. 1,80,00,000.00
Total Expenditure	=	Rs. 1,69,37,680.00
Balance (as on Dt. 15.3.2023)	=	Rs. 10,62,320.00
Total Receipt Under Infra. Grant	=	Rs. 2,00,00,000.00
Total Expenditure	=	Rs.1,85,40,318.00
Balance (as on Dt. 15.3.2023)	=	Rs. 14,59,682.00

11. INSTITUTIONAL POLICIES

a) E-Governance Policy



**OFFICE OF THE PRINCIPAL
GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE
(NAAC ACCREDITED : 2.75 CPGA)**

www.gzrsc.edu.inemail : contact@gzrsc.edu.in

RamtharVeng, Aizawl. Pin - 796001

E GOVERNANCE POLICY

With the advancement in technology, the college has decided to implement e governance in its various operations to ensure transparency, accountability, efficiency, dissemination and easy access of college related data in various operation of the college. With the adoption of e-governance, time and cost of teaching may reduce tremendously. Faculties can work both at the college and home as information will always be available within hailing distance. The college also resolved to adopt paperless in the college administration by utilizing ICT to a maximum extend. The ICT Committee of the college are given responsibilities to maintain and update the college website.

Area of operation in implementing e-governance in the college:

1. Website

The website is the information backbone of the institution where all the activities and information about the college, departments etc are displayed. Important notice and activities of the collegeshould be flashes in the website. The ICT committee will be responsible to update the website regularly.

2. Library

Library is equipped with computers, scanner, CCTV and active internet connection. Library software "SOUL 2" was installed from 2012. The library faculty is responsible in registering all the books available in the library. Issue and return should be monitored using this software. The librarian is encouraged to subscribe more e-journals and e-books for the year to come. The students are also encouraged to use the network resource centre of the library to access e-books and e-journals.

3. E- Learning

The college gradually migrate from the chalk and duster days of teaching to the new e-learning technology. Classrooms are equipped with projectors and most of the teachers use powerpoint presentation and audio/video tutorial in teaching. Several trainings have been organised for the teachers so as to utilize ICT based in teaching. All the teaching faculty must be able to take classes online by using google meet, zoom, webexetc and set up e-classroom or virtual classroom such as moodle and google classroom.

4. Student admission

Since 2018, the student can apply for admission online and after clearing the selection process, payment can be made online. IMADE services provide the payment gateway for

free which is integrated in our college website. This will help in transparency in transaction and reduce the administrative work.

5. Examination

For the external university examination, it is mandatory to upload all the information online. The college use the university portal to enter all examination related information. Internal marks are entered online. Hall ticket/Admit card are also downloaded online. The student can also pay examination fee online. All the examination process is monitored by the examination committee under the guidance of the principal. They must ensure confidentiality in the student marks. Internal marks and attendance are to be submitted by email or whatapp to the exam secretary.

6. Administration

The administrative office is also equipped with computers, scanner/printer and internet facilities. Most of the administrative work are done using computer. Most of the service related forms for facilities will be available in soft copy.

7. Management Information System

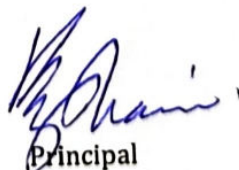
MIS software for the college was developed by HL Solutions. Enrolment of the student, internal marks and attendance can be entered into the MIS which will provide easy access of information of all the students of the college. All departments should enter their internal exam marks, and student attendance by using the college MIS and this information will be made available only within the institution.

8. Alumni

Inorder to interact closely with the alumni, there is an alumni page in the website. This alumni page is taken care by one of our alumni member. In this page, individual alumni can register themselves and a list of alumni are displayed in the page alongwith their pictures and present designation/status. They can also post alumni activities. There is an alumni feedback page where alumni can post theirfeedback on the college and its activities.

9. Teaching Management

Individual teachers must submit monthly teaching report to the email of their respective head of department and principal. Each department must submit half yearly Departmental Report to IQAC via email (departmentalreports@gzrsc.edu.in). Sub Committee secretary must also submit half yearly report to the IQAC via email (committeereports@gzrsc.edu.in). Mentors should submit their mentoring report to the IQAC via email (mentoring@gzrsc.edu.in). Any other information and activities report can be submitted to the IQAC via email (iqac@gzrsc.edu.in). The IQAC will compile and analyse thereports. They will be responsible for storing the information for easy access whenever necessary.



Principal

Govt. Zirtiri Residential Science College
Mizoram : Aizawl.


b) Incentive for Teachers




OFFICE OF THE PRINCIPAL
GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE: AIZAWL: MIZORAM
Ramthar Veng, Aizawl. Pin – 796001. Ph. No 0389 2305848 Fax.0389 2306252

In response to the Notification dated 20th October 2017 the Research & Seminar Committee has called a meeting on 30.10.2017 to discuss measures to be adopted by the institute to facilitate more number of teachers to attend National and international seminars. The following institutional policies have been discussed and adopted to be practised from the next academic session of 2018-19. The policy may be reviewed after two years of implementation.

1. To organise more National and International level seminars and workshops.
2. To provide incentive to teachers who are invited as resource persons in National and International level Seminar.
3. To provide incentives to teachers who present research papers at International level seminars.
4. To provide incentive/honorarium to teachers who are invited as resource person in research related seminars organised by the institute.


(Dr. RICKY LALHMANGAIHZUALA)
Secretary


(Dr. LALZAHAWMI CHENKUAL)
Chairman

Research and Seminar Committee : Govt. Zirtiri Residential Science College

c) Institutional Policy for the Disabled



OFFICE OF THE PRINCIPAL
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(NAAC ACCREDITED : 2.75 CPGA)

www.gzrsc.edu.in email : contact@gzrsc.edu.in

Ramthar Veng, Aizawl. Pin – 796001. Ph. No 0389 2305848


Institutional Policy for the Disabled

Following The Rights of Persons with Disabilities Act 2016, the institution gives special consideration during admission to 'person' with 'benchmark' disabilities by way of reserving not less than 5% seats. He/she will not have to face an interview and there will be 25% marks waiver in the total marks obtained in the last examination; they will also be given 50% waiver in the fees to be paid. To avail this reservation, a person will have to produce a photocopy of an authentic certificate given by a government authorized/recognized body or office.

*Benchmark disabilities as defined by Section 34 of the Right of Persons with Disabilities Act 2016: (a) blindness and low vision; (b) deaf and hard of hearing; (c) locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy (d) autism, intellectual disability, specific learning disability and mental illnesses

The new campus has been designed such that it has disabled-friendly buildings equipped with ramps and elevators for people on wheelchairs and locomotive disabled persons. The institution also provides human assistance whenever necessary.


(LALTHUANKIMI HNAMTE)
Secretary
Admission Committee


(PROF. B. ZOLIANA)
Principal
Principal
Govt. Zirtiri Resl. Science College
Aizawl : Mizoram

d) Institutional Policy for Awarding Endowment Fund to Students



**OFFICE OF THE PRINCIPAL
GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE**

(NAAC ACCREDITED : 2.75 CPGA)

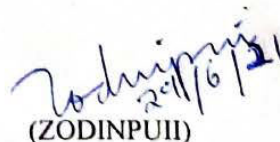
www.gzrsc.edu.in email : contact@gzrsc.edu.in

Ramthar Veng, Aizawl. Pin – 796001. Ph. No 0389 2305848

INSTITUTIONAL POLICY FOR AWARDING ENDOWMENT FUND TO STUDENTS

The Institute has been providing endowment fund to its students since 2015. Contribution is collected at Rs 100 per month from permanent teachers and Rs 50 per month from temporary teachers. The Students Support Committee has been appointed to collect the monthly contribution from the faculty members who have accrued as endowment fund for poor students. The practice of awarding financial assistance to needy students has been introduced to help the economically backward students who are unable to pay their tuition fees. The following procedures have been laid down by the committee for award of endowment fund to students.

1. The Committee will give a notification to students and teachers as to when the financial aid will be provided.
2. It will normally be given once a year and whenever emergency case arises.
3. After announcement of dates the committee will give out a common application form to teachers.
4. Students in need of financial assistance will be identified through the mentoring system and the application form will be submitted to the committee.
5. Once the students are identified they will be interviewed personally by representatives of the committee to hear individual cases. The financial assistance will be given at this time.
6. Each student receiving the financial aid will give their signature in the register maintained by the committee.
7. During the pandemic, when offline classes have been suspended, students in need to financial aid will be identified and interviewed by their mentors.
8. During the suspension of offline classes the case history of each student will be recorded by the committee in a common format.
9. The students who have been identified will be credited through online banking.


(ZODINPUII)

Chairman

Students Support Committee

e) Institutional Policy for Incentive Cash Award to Students



**OFFICE OF THE PRINCIPAL
GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE**
(NAAC ACCREDITED : 2.75 CPGA)

www.gzrsc.edu.in email : contact@gzrsc.edu.in

Ramthar Veng, Aizawl. Pin – 796001. Ph. No 0389 2305848

INSTITUTIONAL POLICY FOR INCENTIVE CASH AWARD TO STUDENTS

The Institute has been providing Incentive Cash Award to its students. The committee in charge of the Student Union has laid down the following policy to be adhered to in awarding incentive to the students.

1. Incentive cash award to be given to final year students securing the highest marks in their respective subjects in the university examinations.
2. Incentive cash award to be given to students with outstanding attendance.
3. Incentive cash award to students for the most diligent performance in College Parking Duty. (for relevant years)

(LALNUNTHARA)

Chairman

i/c Students' Union

f) Institutional Policy on Continuous Assessment Test



OFFICE OF THE PRINCIPAL

GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE: AIZAWL: MIZORAM

Ramthar Veng, Aizawl. Pin – 796001. Ph. No 0389 2305848 Fax.0389 2306252

INSTITUTIONAL POLICY ON CONTINUOUS ASSESSMENT TEST

The followings are the policy formulated by Examination Committee which will be strictly followed by concerned faculty and students –

1. Continuous Assessment Test (CAT) will be conducted in the form of two Internal Examination and one seminar/assignment.
2. Internal examination routine will be prepared by Examination Committee as per academic calendar and all stake holders will be informed in advance.
3. Attendance of students should be taken in each and every exam.
4. Evaluation should be completed by concerned teachers within the stipulated time (normally within a week after the assessment)
5. Mentors are to record the marks of their mentees and discuss their performance in the assessment.
6. The evaluated answer scripts should be returned to the students to make room for complaint in regards to awarding of marks (if any) and correction should be made accordingly.
7. Marks awarded in each subject should be *informed* to the students before submission to Exam Committee.
8. Final marks awarded by invigilator(s) should be submitted to Examination department by their head of department within one week from the date of exam and a copy should be kept by the department.
9. Examination Committee will calculate final marks of students towards the end of each semester from the accumulated marks obtained in the two internal exams, seminar/assignment marks and attendance mark.
10. The final marks will be displayed in the notice board of each class where students will be given an opportunity to settle wrong entry, if it happens.

(Dr. ROSANGLIANA)

Secretary

Examination Committee

g) Additional Information



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As per initiative taken by The Change Management Team meeting dated 11th October 2018 under Higher and Technical Education, Govt. Of India, all colleges are required to establish Eco Clubs and prepare green audit for quality education and accreditation under NAAC. Eco Club is registered to Mizoram Envis Hub, Mizoram Pollution Control Board.

GZRSC Eco Club Policies on Environment, Energy usage and Green Campus

1. To spread the message of environmental consciousness and the importance of Biodiversity conservation
2. To involves the students in making a positive impact on the environment through various activities
3. To promote a clean, green an Eco-friendly culture in college
4. To promote awareness about environmental issues among the students and employees
5. To promote planting of saplings in and outside the campus on special occasion
6. To encourage students and employees to reduce environmental emissions/footprints
7. To encourage students to create awareness on renewable alternatives
8. To ensure that solar panels are used on college buildings
9. To reduce energy consumption.
10. To ban the use of single-use plastic items in the college campus
11. To conduct Green Audit through the Mizoram Pollution Control Board which involves waste management, energy conservation, green space/plantation, air quality, pollution, carbon footprints, solar energy, biomedical waste etc.


(SAILOPUII)
Chairman


Principal
Govt. Zirtiri Res. Sc. College
Aizawl, Mizoram


(Dr. C. LALREMRUATFELA)
Secretary

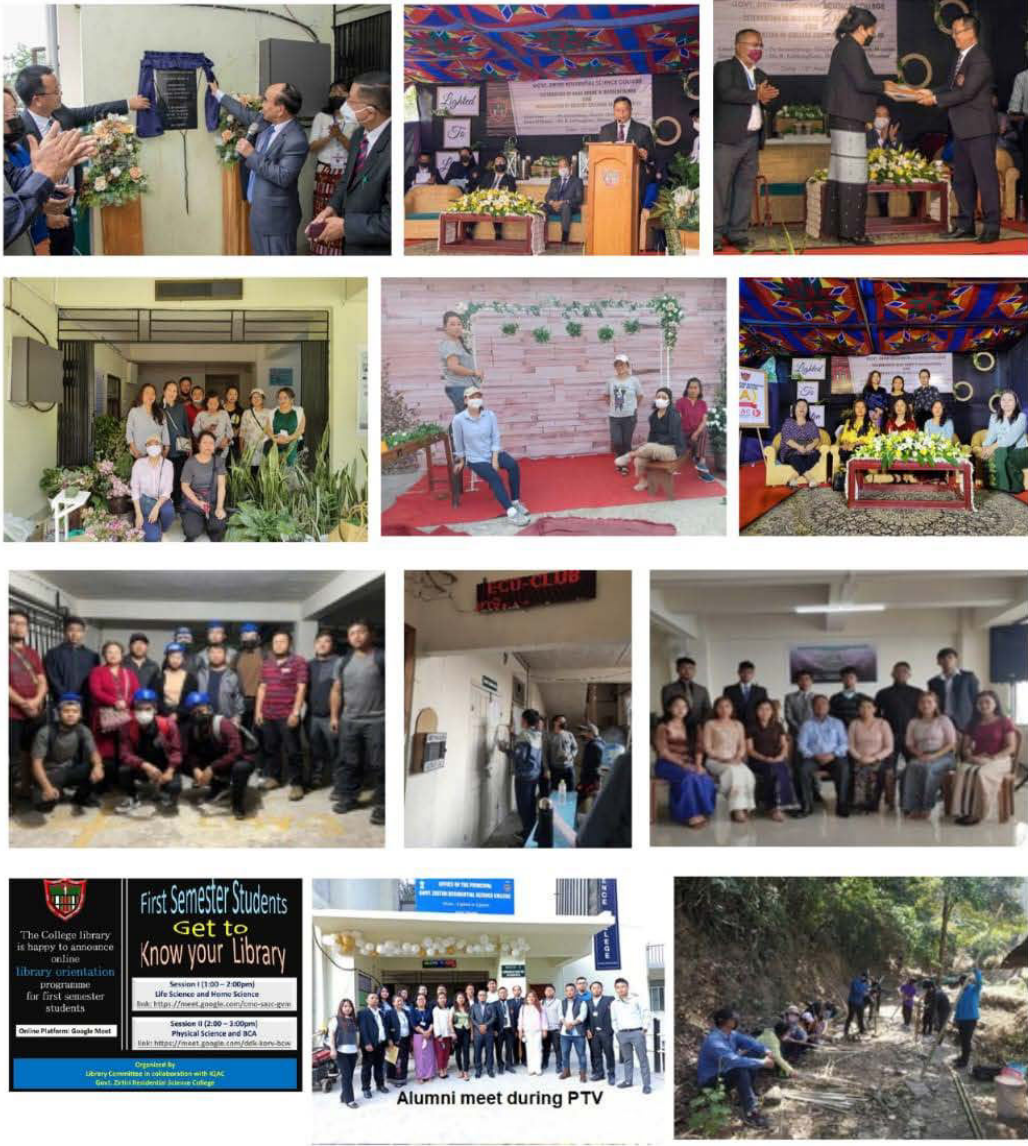
APPENDIX

Gallery

COLLEGE ACTIVITIES 1



COLLEGE ACTIVITIES 2



GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE
NATIONAL SERVICE SCHEME
ORIENTATION PROGRAMME

CHAIRMAN
Dr. J.C. Nirmalraj
OFFICER IN CHARGE
DEPT. OF ELECTRONICS

SPEAKER
Mrs. Lakshmi
PROGRAMME OFFICER
DEPT. OF BOTANY

27/07/2023
8:00 PM
ON
GOOGLE MEET

NOT ME BUT YOU

FIRST SEMESTER STUDENTS
ARE INFORMED TO ATTEND
THIS PROGRAMME.

<https://meet.google.com/afzq-ndz-tdk>

OBSERVATION OF SWACHHATA PAKHWADA
CLEANLINESS PROMOTION

**AUG 14
7:30 PM**

Resource person
Dr. Rubeca Vantabangil
Dept. of Chemistry

Chairman
Dr. J.C. Nirmalraj
Off. in Charge
Dept. of Electronics

Jointly organized by
NISE UNIT GZSC &
CLEANLINESS AND SANITATION
COMMITTEE

GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE
NATIONAL SERVICE SCHEME UNIT

GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE
NATIONAL SERVICE SCHEME UNIT

WEBINAR ON CAREER AWARENESS
for 1 semester BSc

Resource person
Dr. Lalitha Lakshmi
ASSISTANT PROFESSOR
DEPARTMENT OF COMPUTER
SCIENCE (CA) GZSC

18.08.2023
6:00 pm - 8:00 pm
GOOGLE MEET

Jointly organized by
NISE UNIT GZSC &
CLEANLINESS AND SANITATION
COMMITTEE

Govt. Zirtiri Residential Science College
Actual Mission

NATIONAL WEBINAR ON CONTEMPORARY TECHNOLOGY FOR FUTURE NANO-FETS

Date: 16th December, 2023
@ 2:00 - 3:00 pm
Platform: Google Meet

Resource Person
Dr. Rudra Senkar Dhar,
Department of Electronics
& Communication Engineering
National Institute of Technology
Mizoram

For Registration
[Click Here](#)

Organized by
Dept. of Electronics, GZSC
in collaboration with Research & Seminar Committee,
GZSC

Govt. Zirtiri Residential Science College

Webinar on celebration of National Science Day 2022

Theme: 'Sustained Approach in Science & Technology for Sustainable Future'

Date: 1st March, 2022 @ 7:30 pm
Participants: All 2nd Semester Students, GZSC

For Registration
[Click Here](#)

Resource Person
Dr. Lakshmi Sultia
Asst. Prof., Dept. of Chemistry, GZSC
Dr. Lakshmi Kharang
Asst. Prof., Dept. of Botany, GZSC
Session Chairman: Dr. Anil Kumar, Council Member,
Research & Seminar Committee, GZSC

Jointly organized by
Research and Seminar Committee, GZSC and
Women Science, Technology and Innovation Council (WSTIC)

NCC AND NSS ACTIVITIES





SPORT AND CULTURAL ACTIVITIES



NOTE



SOUTH EASTERN BOOK AGENCIES

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