

Govt. Zirtiri Residential Science College

Year Book 2020

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FROM THE PRINCIPAL'S DESK

At the very outset, I can't help but mention and give ovation to the swift and fast functioning of the IQAC team in producing College Year book twice in a row during this pandemic atmosphere. College year book 2019 was compiled, edited and published at the start of April 2020 and now after a lapse of not more than five months only, Year Book 2020 is ready for publication. The Cooperation from different Departments and Committees/Cells in providing informations is worth mentioning too.

This year, classes had been suspended since 17th March 2020 due to Covid-19 pandemic and all the activities came to a halt, not to mention the usual academic classes but also all the activities like Annual Sports and even the University Sports. At the same time, the major setback imposed by the lockdown due to covid-19 has given us a chance to turn to technology and digital learning. In spite of the suspension of classes, the institution has continued to reach out to the students through various means. I am glad to see the untiring activities of teachers individually and through concerned committees to have continuous support to students academically, spiritually and physically. I am also proud to point out some of the initiatives taken by the institution under the aegis of IQAC to cope with our academic as well as student-centric activities:-

1. *Online classes:* Teaching-learning was continued in the online mode to complete syllabus where teachers employed google classrooms, zoom meeting apps, etc. and study materials were provided to students via whats-app.
2. *Development of Learning Management System (LMS):* LMS was newly developed during Lockdown time and as many as 27 video tutorials were prepared by teachers on topics contained in the syllabus. These videos have been uploaded on the college website using Moodle (<https://gzrsc.edu.in/lms>) for students to access anytime.
3. *Continuous assessment using tests and assignments:* Tests and assignments were given to the students through the online mode for their internal marks.
4. *Introduction of On-Line admission through the website:* The online admission system (<https://gzrsc.edu.in/admission>) was introduced from the new academic session 2020. As a result, online and offline system of new admission could be conducted in our college from now on.
5. *Personality Development course (Online):* The 8th Personality Development Course was conducted online using Cisco Webex Apps during 19th June -23rd June 2020 from 5:00 pm. with 4 resource persons. It was learnt that out-going students who attended this programme interacted and responded to the lectures very well. Most of the Resource persons and the courses introduced were rated as excellent. E-certificates were awarded to all participants after the end of the four –day's session.

6. *Student's Support through Endowment fund and monitoring their mental health:* Contributions from Teaching and Non-teaching staff were made and provided to students who faced financial crisis via online banking during this Lockdown due to pandemic situation. The Students were also informed through whatsapp and website about the existence of the helpline for Mental and Spiritual Counseling Committee consisting of teachers who have already gained expertise in the subject. .
7. *Preparation for NAAC Accreditation & Peer team Visit:* The College is preparing for the next Accreditation and Peer Team Visit as present NAAC accreditation for our College is valid upto 24.5.2021. Various committee/Cells are doing their best in this preparation.
9. *On-going Site preparations at Durtlang Campus:* Presently, Skyridge Construction & Consultancy Services, Aizawl has taken up the Construction of Academic Block- II (Class Room) and they had started Earthwork from November 2019. Tentative month for finishing the construction is November 2020 if favourable situation prevails. Once this Academic Block II is ready for accommodation, at least B.Sc and B.Sc. (Home Science) can be shifted to new campus.

In the new Campus, we have the following buildings constructed:

1. Library Building
2. Laboratory Building
3. Boys' and Girls' Hostels
4. Academic Block –I

Boys' Hostel is ready for accommodation whereas Girls' Hostel is under preparation and expected to be ready soon.

The College has a motto- 'Lighted to lighten' and I am sure that various activities rendered by individuals, Departments and Committee will be beneficial and useful in providing necessary 'lights' to the surroundings.



(PROF. B. ZOLIANA)

PREFACE

The IQAC of Government Zirtiri Residential Science College is immensely pleased to publish the third volume of the GZRSC Yearbook which covers the academic year 2019-2020. 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 particular yearbook opens with a chapter on professional ethics and code of conduct for faculty and students. The yearbook serves as an important quality improvement measure and augments improvement of quality for all stakeholders.

In spite of the curtailment caused by the Pandemic, the editorial board has put in its best effort in preparing the yearbook. 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 2019-2020.

Sl. No	Content	Page No
1	PROFESSIONAL ETHICS CODE OF CONDUCT	1
2	ANNUAL DEPARTMENT REPORT 2019-2020	
	a) Biochemistry Department	5
	b) Botany Department	10
	c) Chemistry Department	15
	d) Computer Science Department	22
	e) Electronic Department	29
	f) English Department	43
	g) Geology Department	48
	h) Home Science Department	55
	i) Mathematics Department	64
	j) Physics Department	69
	k) Zoology Department	77
3	DEPARTMENTAL REPORT ODD SEMESTER	82
4	DEPARTMENTAL REPORT EVEN SEMESTER	94
5	STUDENTS' MENTORING SYSTEM ODD SEMESTER	103
6	STUDENTS' MENTORING SYSTEM EVEN SEMESTER	106
7	UNIVERSITY RANK HOLDERS(2019-2020)	109
8	RESEARCH AND PUBLICATION	111
9	ACTIVITIES AND ACHIEVEMENTS OF VARIOUS SUB-COMMITTEES (2019-2020)	
	I. IQAC	114
	II. EXAMINATION	119
	III. ADMISSION	120
	IV. AISHE	121
	V. COLLEGIATE STUDENT GRIEVANCE REDRESSAL COMMITTEE	122
	VI. STUDENTS UNION	123
	VII. GAMES AND SPORT	124
	VIII. COLLEGE MAGAZINE	126
	IX. DEBATING, SOCIO CULTURAL	127
	X. SPIRITUAL COUNSELLING	128
	XI. REFRESHMENT	129
	XII. DECORATION AND HALL ARRANGEMENT	130
	XIII. SECURITY	131
	XIV. CANTEEN	132
	XV. LIBRARY	133

	XVI.	RECEPTION	135
	XVII.	CLEANLINESS AND SANITATION	136
	XVIII.	ICT	137
	XIX.	ALUMNI	139
	XX.	RESEARCH AND SEMINAR	140
	XXI.	DISASTER MANAGEMENT	141
	XXII.	VILLAGE AND SCHOOL ADOPTION	142
	XXIII.	WOMEN STUDIES	143
	XXIV.	INTELLECTUAL PROPERTY RIGHT	144
	XXV.	CAREER COUNSELLING, PLACEMENT & STUDENTS SUPPORT	145
	XXVI.	INNOVATION CLUB	146
	XXVII.	NSS	147
	XXVIII.	RED RIBBON	149
	XXIX.	SPOKEN HINDI	150
	XXX.	ADVENTURE CLUB	151
	XXXI.	NCC	152
	XXXII.	ECO CLUB	154
	XXXIII.	EK BHARAT SHRESTHA BHARAT CLUB	156
	XXXIV.	LIGHT AND SOUND	157
	XXXV.	LEGAL CELL	158
	XXXVI.	EMERGENCY COMMITTEE ON COLLEGE RESPONSE TO COVID-19	159
10		ABSTRACT OF EXPENDITURE FROM NEW INFRASTRUCTURE AND FACILITIES ACQUIRED	161
11		ABSTRACT OF EXPENDITURE FROM EQUITY INITIATIVE GRANT	163
12		REPORT ON NON-TEACHING STAFF	165
13		APPENDIX – I: GALLERY	166
14		APPENDIX– II: REPORT AND FEEDBACK ON FINANCIAL ASSISTANCE GIVEN TO STUDENTS DUE TO COVID-19 AND NATURAL DISASTER AT HLIAPPUI	171

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 applies 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 demeanor 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. Teaching 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 academic and scholarly competence, while practising intellectual honesty all the while.
2. They are committed to exercise self-discipline and sound 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 fulfill 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.

4. 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 (2019- 2020)

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) : 9436141913
c) Email : fanai.amie@gmail.com

4. Brief Introduction of the Department (maximum 200 words): The Department of Biochemistry has been established since 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 from Department of Chemistry, 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. At present, Biochemistry is offered as an Elective Subject. In spite of its current demand, the department is still unable to offer Core Course in Biochemistry, which hopefully will be made possible in near future. For this purpose the department is lacking in the prescribed number of teaching faculty laid down by UGC (a minimum of 5 no. of teaching faculty), and also a Permanent Affiliation from our University. (Provisional affiliation at present, being extended for the next 3 years as on 17th Aug 2017)

The present faculty strength comprises of 2(two) regular faculties, 1(one) contract, and 1(one) from RUSA (newly joined on 20th January 2020). The subject books in the library are 346 books, 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.

Facilities available in the department laboratory are just about enough to conduct practical classes. The overall facilities available in the department is at its minimal status, infrastructure, laboratory conditions and equipments, books, etc still need to be upgraded.

Once the demand of the University has been met, keeping the future of the students in mind, further steps can be formulated to upgrade the present status to Permanent Affiliation and open Core Course in Biochemistry at the earliest.

During the onset of Covid 19 Pandemic, the department took active role/part in the following areas -

- 1) Organizing Awareness campaign
- 2) Preparation of hand sanitizers as per WHO Protocol
- 3) Dissemination of slogans/ posters relating to Covid 19
- 4) Events of protective mask making
- 5) Writing articles on its preventive measures and its other aspects, and publishing it to various local/ village level newspapers

5. Teaching Faculties in the department:

Sl.No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Laltanpuia	Associate Prof(on deputation to Joint Director, RUSA @ H& TE Dept)	MSc, NET	Biochemistry	29 yrs
2	Dr. Fanai	Asst. Prof	MSc, NET,	Biochemistry	12yrs

	Lalsangluaii		PhD		
3	Lalrosangpuii	Asst. Prof	MSc, NET	Biochemistry	7yrs
4	K. Zosangpuii	Asst. Prof	MSc, SET, MPhil	Biochemistry	8yrs
5	Dr. Rebecca Vanlalsangi	Asst. Prof	MSc, NET, PhD	Biotechnology	1yr

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+ 1(RUSA)		1				4
Lab Assistant								
Lab Attendant								

7. Details of the Courses conducted by the department:

Sem		Course Code	Course content/ Paper	Component	Categor y	Credi t	Maximum marks		
							Cont. assmt	Sem. Exam	Total
I	Elective Core Subject 1	BC-1	Basic Biochemistry	Theory	EC	4	25	75	100
			Practical (based on BC-1)	Practical	EC	2	25	75	100
				Total			50	150	200
II	Elective Core Subject 2	BC-2	Physiological Chem. & Metabolism I	Theory	EC	4	25	75	100
			Practical (based on BC-2)	Practical	EC	2	25	75	100
				Total			50	150	200
III	Elective Core Subject 3	BC-3	Enzymology & metabolism II	Theory	EC	4	25	75	100
			Practical (based on BC-3)	Practical	EC	2	25	75	100
				Total			50	150	200
IV	Elective Core Subject 4	BC-4	Molecular Biology	Theory	EC	4	25	75	100
			Practical (based on BC-4)	Practical	EC	2	25	75	100
				Total			50	150	200

There shall be 4 theory courses (from first –fourth semester) and 4 Practical papers corresponding to theory courses. Each semester will carry 200 marks out of which 100 marks are allotted for Theory and 100 marks for Practical. The theory marks will comprise of 75 marks for end semester examination and 25 marks for continuous assessment. The practical marks shall comprise of 75 marks for end semester examination and 25 marks for continuous assessment.

8. Students Particulars:

Sl.No	Semester	Applications received 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester	53	37	11	26	70%
2	II Semester		37	11	26	Exam not yet, due to

						Covid 19
3	III Semester		15	5	10	85%
4	IV Semester		15	5	10	Exam not yet, due to Covid 19
5	V Semester					
6	VI Semester					

9. Student - Teacher Ratio: 13: 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: 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	Course/Title	Organised by	Duration /Date	Level
1	Dr. Fanai Lalsangluaii	Participated in National Level Short Course Training on Research Methodology	Research & Seminar Comt, GZRSC, IQAC, in collaboration with Dept of Psychology, MZU.	1 week (12 th – 17 th Aug 2019)	National
		Organising member in ‘ One-day Workshop on NAAC Awareness Programme’	Research & Seminar Comt, GZRSC and IQAC	1 day (25 th Sept 2019)	College
		Participated in State Level Workshop on Plagiarism	IPR Comt. GZRSC & MISTIC, Govt. of Mizoram	1 day (17 th Oct 2019)	State
		Participated in State Level Workshop on Copyright	IPR Comt. GZRSC & MISTIC, Govt. of Mizoram	1 day (16 th Oct 2019)	State
		Co- Ordinator & Session Chairperson in International Workshop on Tectonic and its Implications with special reference to Indo- Burma Range	Research & Seminar Comt, GZRSC in collaboration with MISTIC, Govt. of Mizoram, Dept. of H&TE, Dept. of DM&R, Govt. of Mizoram	2 days (17 th – 18 th Jan 2020)	International
		Resource person in Hands -on Training on Molecular Techniques	Dept of Biochemistry, GZRSC, in collaboration with Dept of Biotech, MZU	1 day (20 th Feb 2020).	College
		Resource person in Seminar on Women in Science on National Science Day, 2020	GZRSC, in collaboration with MISTIC, Govt. of Mizoram	1 day (28 th Feb 2020)	National
2	Lalrosangpuui	Participated in National Level Short Course Training on Research Methodology	Research & Seminar Comt, GZRSC, IQAC, in collaboration with Dept of Psychology, MZU.	1 week (12 th – 17 th Aug 2019)	National
		Organising member in Observance of World Ozone Day 2019 cum Debate on Ozone Healing	Eco- Club, GZRSC & Mizoram State Pollution Control Board	1 day (16 th Sept 2019)	State
		Resource person in Observance of Poshan Abhiyaan 2019.	NSS Unit, GZRSC	1 day (18 th Sept 2019)	College

		Participated in 'One-day Workshop on NAAC Awareness Programme'	Research & Seminar Comt, GZRSC and IQAC	1 day (25 th Sept 2019)	College
		Participated in State Level Workshop on Copyright	IPR Comt. GZRSC & MISTIC, Govt. of Mizoram	1 day (16 th Oct 2019)	State
		Participated in the International Conference on Recent Advances in Animal Sciences	Dept. of Zoology, PUC	3 days (6 th – 8 th Jan 2020)	International
		Resource person in Hands-on Training on Molecular Techniques	Dept of Biochemistry, GZRSC, in collaboration with Dept of Biotech, MZU	1 day (20 th Feb 2020).	College
		Participated in Seminar on Women in Science on National Science Day, 2020	GZRSC, in collaboration with MISTIC, Govt. of Mizoram	1 day (28 th Feb 2020)	National
3	K. Zosangpuii	Participated in National Level Short Course Training on Research Methodology	Research & Seminar Comt, GZRSC, IQAC, in collaboration with Dept of Psychology, MZU.	1 week (12 th – 17 th Aug 2019)	National
		Organising member in 'One-day Workshop on NAAC Awareness Programme'	Research & Seminar Comt, GZRSC and IQAC	1 day (25 th Sept 2019)	College
		Participated in State Level Workshop on Plagiarism	IPR Comt. GZRSC & MISTIC, Govt. of Mizoram	1 day (17 th Oct 2019)	State
		Participated in International Workshop on Tectonic and its Implications with special reference to Indo- Burma Range	Research & Seminar Comt, GZRSC in collaboration with MISTIC, Govt. of Mizoram, Dept. of H&TE, Dept. of DM&R, Govt. of Mizoram	2 days (17 th – 18 th Jan 2020)	International
		Participated in Webinar on Atmospheric Disaster, Covid 19 and the Way Forward	Mizoram University	1 Day (1 st June 2020)	University
		Participated in Webinar on Contribution of B-1 Cells during Mycobacterium Infection	Mizoram University	1 Day (6 th June 2020)	University
4	Dr. Rebecca Vanlalsangi	Resource person in International Workshop on Recent Advances in Academics	IQAC, Champhai College	1 week (28 th Oct – 1 st Nov 2019)	International
		Participated in Online Training on Cell Designer Training	Auxilium College Autonomous	5 Days (23 rd -29 th April 2020)	College
		Participated in Webinar on Beyond the Boundaries: Reinventing Horizons	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur	1 Day (30 th May 2020)	College
		Participated in National Webinar on Green Campus	Bharat College of Arts & Commerce, Badlapur	1 Day (5 th June 2020)	College

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

Sl.No	Topic	Funded by	Collaborations

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-

1. Dr. Fanai Lalsangluaii

i) Member, Moderation Board, Department of Biochemistry, MZU

ii) Member, Board of Studies, Department of Biotechnology, MZU

iii) Member, Board of the School of Life Sciences, MZU

2. Lalrosangpuii, Member, Moderation Board, Department of Biochemistry, MZU

3. K. Zosangpuii, Member, Moderation Board, Department of Biochemistry, MZU

b) State:

c) Regional:

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

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

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

History of Science in III Semester BSc (Both Life Science & Physical Science)

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: 346

b. Journals: 2

c. E-Books and E Journals: 150

d. Any other:

24. Any other relevant information (reports):

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 seven faculty members, strive to promote an intrinsic knowledge and understanding of the subject to 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	28
2.	Zodinpuui	Associate Professor	MSc	Plant Physiology	27
3.	Laltlanchhungi	Associate Professor	MSc	Forest Ecology	23
4.	Mary Lalthansangi	Associate Professor	MSc	Plant Biotechnology	23
5.	Lalrintluangi	Associate Professor	MSc	Angiosperm taxonomy	22
6..	Lalremruati Hmar	Associate Professor	MSc	Microbial Ecology	22
7.	Lalnunthara	Associate Professor	MSc	Microbial Ecology	22

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	2	5	-	-	-	-	2	5
Assistant Professor	-	-	-	-	-	-	-	-
Lab Assistant	-	-	-	-	-	-	-	-
Lab Attendant	-	1	-	-	-	-	-	1

7. Details of the Courses conducted by the department:

Semester	Subject code		Subject name	Credit
I	BOT/I/CC/01	Theory	Cryptogams	4
	BOT/I/CC/02	Practical	Cryptogams	2
II	BOT/II/CC/03	Theory	Phanerogams	4
	BOT/II/CC/04	Practical	Phanerogams	2
III	BOT/III/CC/05	Theory	Plant Physiology, Biochemistry, Ecology	4
	BOT/III/CC/06	Practical	Plant Physiology, Biochemistry, Ecology	2
IV	BOT/IV/CC/07	Theory	Microbiology, Cytology, Genetics, evolution	4
	BOT/IV/CC/08	Practical	Microbiology, Cytology, Genetics, evolution	2
V	BOT/V/CC/09	Theory	Fungi, Plant Pathology, Biostatistics	4
	BOT/V/CC/10	Practical	Fungi, Plant Pathology, Biostatistics	2
	BOT/V/CC/11	Theory	Algae, Lichen, Bryophytes	4
	BOT/V/CC/12	Practical	Algae, Lichen, Bryophytes	2
	BOT/V/CC/13	Theory	Cytogenetics, Plant Breeding, Bioinformatics	4

VI	BOT/V/CC/14	Practical	Cytogenetics, Plant Breeding, Bioinformatics	2
	BOT/V/CC/15	Theory	Environmental Biology, Ethnobotany	4
	BOT/V/CC/16	Practical	Environmental Biology, Ethnobotany	2
	BOT/VI/CC/17	Theory	Pteridophytes, Gymnosperms, Paleobotany	4
	BOT/VI/CC/18	Practical	Pteridophytes, Gymnosperms, Paleobotany	2
	BOT/VI/CC/19	Theory	Angiosperm taxonomy, Anatomy, Embryology	4
	BOT/VI/CC/20	Practical	Angiosperm taxonomy, Anatomy, Embryology	2
	BOT/VI/CC/21	Theory	Plant Metabolism, Biochemistry, Thermodynamics	4
	BOT/VI/CC/22	Practical	Plant Metabolism, Biochemistry, Thermodynamics	2
	BOT/VI/CC/23	Theory	Plant Biotechnology, Experimental Embryology	4
	BOT/VI/CC/24	Practical	Plant Biotechnology, Experimental Embryology	2

8. Students Particulars:

Sl.No	Semester	Applications received 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester (2018-2019 batch)	117	80	44	36	75.64%
2	II Semester (2019-2020 batch)	80	80	44	36	Exam delayed*
3	III Semester (2018-2019 batch)	62	62	24	38	77.8%
4	IV Semester (2019-2020 batch)	62	62	24	38	Exam delayed*
5	V Semester (2018-2019 batch)	27	27	16	11	96%
6	VI Semester (2019-2020 batch)	27	27	16	11	Exam delayed*

* Exam delayed due to Covid 19 pandemic

9. Student - Teacher Ratio: 24:1

10. Annual Average Attendance Percentage of the Student:

I Semester – 82% IV Semester – 85%

II Semester – 80% V Semester – 92%

III Semester – 81% VI Semester – 96%

11. Study tour conducted under year of report: A study tour was conducted on 14.10.19 to Reiek forest and Zopar Farm at Vaipuanpho for the 5th Semester Botany core students. The trip was organized with a view to orient the students towards the practical aspect of their curriculum and this was achieved with the visit to Zopar farm which is one of the biggest producers of fresh cut flowers in North East India and Reiek hill forest. The second site had been selected to expose the students to the ecological and environmental aspect of their course.

12. Awards / Recognitions received by faculty and students:

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:

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
1	Dr R Lalengmawia Zodinpuui Laltlanchhungi Mary Lalthansangi Lalrintluangi Lalremruati Hmar Lalnunthara	National level short course training on Research Mythology	Research and Seminar Committee & IQAC, GZRSC	6 days 12.8.2019- 17.8.2019	National

2	Dr R Lalengmawia Zodinpuui Laltlanchhungi Mary Lalthansangi Lalrintluangi Lalremruati Hmar Lalnunthara	One Day Workshop on NAAC Awareness Program	IQAC and Research and Seminar Committee, GZRSC	1 day 25.9.19	College
3	Lalnunthara	Training of the Nodal Officers Red Ribbon Club	Mizoram State Aids Control Society	1 day 26.9.2019	State
4	Dr. R Lalengmawia Mary Lalthansangi Lalrintluangi Lalnunthara	State Level Workshop on copyright	IPR Committee, GZRSC & MISTIC, Dept of Science and Technology, GOM	1 day 16.10.2019	State
5	Dr. R Lalengmawia Mary Lalthansangi Lalrintluangi Lalnunthara	State level workshop on Plagiarism	IPR Committee, GZRSC & MISTIC, Dept of Science and Technology, GOM	1 day 17.10.2019	State
6	Mary Lalthansangi	International Conference on Recent Advances in Animal Sciences (ICRAAS, 2019)	Dept. of Zoology, Pachhunga University College, MZU	3 days 6.11.19 – 8.11.19	International
7	Dr. R Lalengmawia Zodinpuui Laltlanchhungi Lalnunthara	MCTA Annual General Conference 2019	MCTA	1 day 7.11.19	State
8	Mr Lalnunthara	Workshop on ‘Challenges and opportunities in NSS in Mizoram’	Regional Directorate of NSS, Guwahati & State NSS Cell, Mizoram	2 days 14.11.19 – 15.11.19	State
9	Dr. R Lalengmawia Zodinpuui Laltlanchhungi Mary Lalthansangi Lalrintluangi Lalremruati Hmar Lalnunthara	International Workshop on Tectonic and its Implications with special reference to Indo-Burma range	Research and Seminar Committee, Dept of Geology, GZRSC	2 days 17.1.20 – 18.1.20	International
10	Dr. R. Lalengmawia Mary Lalthansangi	One day workshop on e- content development	IQAC, GZRSC	1 day 10.2.20	College
11	Mrs Zodinpuui Mrs. Laltlanchhungi Mrs. Mary Lalthansangi Mrs. Lalrintluangi Mr. Lalnunthara	Women in Science seminar (Celebration of National Science Day 2020)	GZRSC & Mizoram Science Technology and Innovation Council, NCSTC, DST, New Delhi	1 day 28.2.20	College
12	Mary Lalthansangi	Webinar on International faculty development program on Biological Sciences	PG and research dept of Botany, Nallamuthu Gounder Mahalingam College, Pollachi	7 days 25.5.20 - 31.5.20	International
13	Zodinpuui	Personality Development Programme 2020	Student Support Committee, GZRSC supported by IQAC & RUSA, GZRSC	5 days 19.6.20- 23.6.20	College
14	Lalremruati Hmar	One day national webinar	Dept of Botany &	1 day	National

		on nutraceuticals and medicinal herbs for health & Immunity	IQAC, St Joseph's College for women, Visakhapatnam	20.6.20	
15	Mary Lalthansangi	International webinar on emerging trends in Biotechnology	Dept of Biotechnology, Pachhunga University College & MZU	3 days 24.6.20 – 26.6.20	International
16	Mary Lalthansangi	One day national webinar on Recent Advances in Biosciences	Dept of Zoology & Biotechnology & IQAC, Smt. Kasturbai Walchand College, Sangli	1 day 28.6.20	National

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

Sl.No	Topic	Funded by	Collaborations
-	-	-	-

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

17. Recognised Research Centre /facility:

18. Number of Faculty as members in

- a) **University** – Ms. Zodinpuui, Member of Board of Studies (BOS) of the Department of Botany, MZU;
Member of the Moderation Board for the Department of Botany, MZU;
Member of the Green Audit Team, Higher and Technical Education, Govt. of Mizoram
- b) **State** - Dr R Lalengmawia, President of Science Teachers Association of Mizoram; Working Chairman, Mizoram State Organizing Committee, National Children Science Congress; Member, Governing body, Mizoram Science, Technology & Innovation Council (MISTIC), Govt. of Mizoram
- c) **Regional:** Nil
- d) **National committees:** Nil
- e) **International Committees:** Nil
- f) **Editorial Board:** 1 (Mizoram Science journal)

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:

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

History of Science in III Semester BSc (Life Science)

Environmental Science in IV Semester BSc (Life Science)

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

22. Extension activities by the department:

There has been no extension activities by the department due to the Covid 19 pandemic

23. Library facilities: (Numbers only)

- a. **Textbooks and Reference Books:** 669
- b. **Journals:** 4
- c. **E-Books and E Journals:**
- d. **Any other:**

24. Any other relevant information (reports):

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 1 laboratory. At present there are 7 faculty members according to the documents of Higher & Technical Department, Govt. of Mizoram. But in reality, the teachers who are engaged in teaching are only 5. Among the faculty, Mr. Laltanpuia is on deputation as Additional State Project Director, RUSA and Dr. Zirliannngura is also on deputation as NSS Nodal Officer under Sports and Youth Services Department, Govt. of Mizoram. As Chemistry is a central subject, majority of the students choose Chemistry as one of their elective subject. So, the teachers who can engage in teaching are less in proportion 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 work very hard 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 efforts given by teacher and students in studies, the department always has 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. Lalhmingliana Hnamte	Associate Professor	Ph.D, JRF-NET	Physical Chemistry	24
2	Dr. K. B. Singh	Associate Professor	Ph.D	Inorganic Chemistry	30
3	Zonunthari	Associate Professor	M.Sc, Ph.D(on-going)	Organic Chemistry	22
4	R. Lalramengzami	Associate Professor	M.Sc M.A(Eng)	Physical Chemistry	22
5	Dr. Samuel Lallianrawna	Assistant Professor	Ph.D, NET	Natural Product Chemistry	12

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	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Associate Professor	2	2	Nil	Nil	Nil	Nil	2	2
Assistant Professor	1	Nil	Nil	Nil	Nil	Nil	1	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	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 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester	-	-	-	-	-
2	II Semester	-	139	68	71	96.00%
3	III Semester	93	93	34	59	54.83%
4	IV Semester	97	97	43	54	95.5.00%
5	V Semester	20	20	10	10	
6	VI Semester	20	20	10	10	

9. Student - Teacher Ratio:1st Semester, -2nd Semester, 139: 53rd Semester, 93: 54th Semester, 97: 55th Semester, 20: 56th Semester, 20: 5**10. Annual Average Attendance Percentage of the Student: 80%****11. Study tour conducted under year of report: Nil****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	Course/Title	Organised by	Duration /Date	Level
1	Dr. Lalhmingliana Hnamte	Participated in one day National level webinar on “Post Covid Teaching Scenario with Google Classroom”	Smt. Narmadabai Nago Chaudari Arts, Commerce & Science College	7 th June, 2020	National
		Participated in a webinar on “Indian Economy in Post Covid 19:Prospects and Challenges”	Deptt. of Economics and IQAC, T.H.K. Jain College	9 th June, 2020	National
		Attended national level webinar on “Digital Media for Learning and Teaching”	Deptt. of Physics, Sir Theagaraya College	8 th June, 2020	National
		Participated in a webinar on “The Importance of Symbiotic Microorganisms in Drug Discovery”	Deptt. of Forestry and Environmental Sciences, MZU	6 th June, 2020	International
		Participated in a webinar on “Contribution of B-1 Cells During Mycobacterium Infections”	Deptt. of Zoology & Biotechnology, MZU	6 th June, 2020	International
		Participated in webinar on “Environmental and Sustainable Development”	Vidyavardhaka College of Engineering, Mysore	5 th June, 2020	National
		Participated in a webinar on “Exam from Home: An Alternative Assessment and Evaluation Model in the Wake of COVID-19”	Jawahar Arts, Science & Commerce College	7 th June, 2020	National
		Participated in a national webinar on “Two Dimensional Materials for Diverse Applications”	Deptt. of Basic Sciences , Cambridge Institute of Technology, Bengaluru	23 rd May, 2020	National
		Attended a webinar on “An Overview of the Degradation of Emerging Micro-Pollutants by Ferrate(VI) Treatment & Issues in Microplastics Research: Focusing on analytical Methods”	Deptt. of Chemistry, MZU	20 th May, 2020	National
		Attended a webinar on “Topochemical reactions”	Deptt. of Industrial Chemistry, MZU	19 th May, 2020	National
		Attended webinar on “Managing Stress and Relationship During COVID-19 Pandemic”	Deptt. of Psychology, MZU	22 nd June, 2020	National
		Attended Webinar on “Research Publications and Citations: Perspective of a Highly Cited Researcher”	Deptt. of Physics, MZU	16 th June, 2020	National
		Participated in two days international virtual conference on “Global Understanding for Sustainable Development”	B.Com Corporate Secretaryship & IQAC, Shree Chandraprabhu Jain College	11 th – 12 th June, 2020	International
		Attended Webinar on “Mathematical Modelling of	Deptt. of Mathematics & Computer Sciences,	11 th June, 2020	National

		Infectious Diseases: Its relevance in Time of COVID and Binary Recurrence Sequences and its Arithmetic”	MZU		
		Participated in “Four Days National Level Faculty Development Program on Managing the Difficult Times”	Nagindas Khandwala College	4 th – 7 th June, 2020	National
		Participated in a national webinar on “IPR & e-Content Development”	Rajaram College, Kolhapur	8 th – 10 th June, 2020	National
		Attended Webinar on “Clinical Trails and Drug Development ” and” Business Communication for Professional Graduates”	Deptt. of Mathematics & Computer Sciences, MZU	4 th June, 2020	International
		Participated in online international workshop on “Academic Process, Measures and Metrics of TEI for NAAC-RAF”	V.O.C. College of Education	12 th June, 2020	International
		Attended Webinar on “Recent Development in 5G SUB-6GHZ Antenna Designs for Smartphone Applications”	Deptt. of Electronics & Communication Engineering, MZU	9 th June, 2020	National
		Participated in a national webinar on “Voice Culture: The Basics of a Singing Voice for Specific Styles and the Role of Music in Education”	Deptt. of Education, MZU	5 th June, 2020	National
2.	Dr. K.B Singh	Participated in seminar on “Women in Science” on occasion of National Science Day, 2020	MISTIC& GZRSC	28 th Feb, 2020	State
		Participated in International Workshop on Tectonic and its Implications with Special Reference to Indo-Burma range	Research & Seminar Committee and IQAC, deptt. of Geology, GZRSC, MZU	17 th – 18 th Jan., 2020	International
		Participated in one day National level workshop on “Making E-Lecture Vibrant & Interactive”	Rajiv Gandhi College Arts, Commerce& Science	23 rd May, 2020	National
		Attended Webinar series on “Beyond the Boundaries: Reinventing Horizons”	Swami Keshvanand Institute of Technology, Management & Gramothan	30 th May, 2020	National
		Participated in Cell Designer training	Auxilium College Autonomous	Jan., 2020	National
		Attended International Webinar on “Sleep Disorders and Health Related Challenges: What Evidence Based Medicine Inform Us”	Deptt. of Psychology, MZU	1 st May, 2020	International
		Attended International Webinar on “Emerging Trends in Genetic Engineering”	Deptt. of Biochemistry/Biotechnology/Microbiology, Chaitanya University	30 th June, 2020	International

	Attended national Webinar on “Impact of COVID-19 Lock Down on Trade and Commerce”	MZU & Sikkim University	19 June 2020	National
	Participated in seminar on “State level workshop on Copyright”	IPR Committee GZRSC& MISTIC	16 th Oct., 2019	State
	Participated in seminar on “State level workshop on Plagiarism”	IPR Committee GZRSC& MISTIC	17 th Oct., 2019	State
	Paper Examiner in UG Exam	MZU	27 th May – 3 rd June, 2019	State
	Participated in “Online International COVID-19 Awareness Quiz, 2020”	Rajiv Gandhi University	1 st June, 2020	International
	Attended Webinar on “Sustainable IT in Rural & Remote Environments”	MZU	2 nd June, 2020	International
	Attended Webinar on “The Upside of Stress: Staying Psychologically Fit and Productive During The Pandemic and Beyond & Coping with the Stress During the 2019-nCoV Outbreak”	MZU	10 th June, 2020	National
	Participated in “Four Days National Level Faculty Development Program on Managing the Difficult Times”	Nagindas Khandwala College	4 th – 7 th June, 2020	National
	Participated in “Faculty Development Program on Designing and Development of MOOCs”	Dyal Singh College	14 th June, 2020	National
	Attended Webinar on “Research Publications and Citations: Perspective of a Highly Cited Researcher”	Deptt. of Physics, MZU	16 th June, 2020	National
	Attended one day International webinar on “Impact of COVID-19 on Teaching Learning Process: Challenges and Solutions”	Ragendra Academy for Teachers’ Education	30 th June, 2020	National
	Attended National webinar on “Biodiversity Conservation in India”	Dyal Singh College	5 th June, 2020	National
	Participated in “Split-free India Movement”	Alamelu Charitable Foundations	June – Aug., 2020	National
	Attended National webinar on “Rare-earth Doped Nanomaterials for Light Emitting Display, Light Harvesting, Security Ink, Temperature Sensor and Biological Applications”	Deptt. of Chemistry, MZU	8 th June, 2020	National

		Attended webinar on “Be Vocal About Local”	Ministry of Electronics and IT, Govt. of India	11 th June, 2020	National
		Participated in National level online quiz entitled “English language and Literature”	PG & research Department of English, Mazharul Uloom College	4 th June, 2020	National
		Attended National level webinar on “Digital Media for Learning and Teaching”	Deptt. of Physics, Sir Theagaraya College	8 th June, 2020	National
		Attended two days of International webinar on “Emerging Trends in Chemistry Education and Research”	Wilson College, University of Mumbai and Association of Chemistry teachers	25 th - 26 th June, 2020	International
		Attended International webinar on “Emerging Trends in Biotechnology”	Deptt. of Biotechnology, PUC&MZU	24 th - 26 th June, 2020	International
		Attended International webinar on “Challenges to Water Quality Governance: A global Perspective”	Mahatma Gandhi Kashi Vidyapith	10 th June, 2020	International
		Practical examiner, MZU-UG Examination, 2019	Controller of Examinations, MZU	14 th Oct., 2019	State
3.	R. Lalramengzami	Attended International Webinar on Positive Supervision	Deptt. of Clinical Psychology, MZU	7 th July, 2020	International
		Attended International Webinar on “Women in Indian History”	Deptt. of History & Ethnography, MZU	30 th June, 2020	International
4.	Zonunthari	Participated in National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, deptt. of Psychology, MZU	12 th – 17 th Aug. 2019	National
		Presented paper in International Conference on Recent Advances in Animal Sciences	Deptt. of Zoology, PUC	6 th – 8 th Nov. 2019	International
		Presented paper in third national seminar on Natural Resources Management for Sustainable Development	Deptt. of Geography & Resource Management, MZU	7 th – 8 th Nov. 2019	National
5.	Dr. Samuel Lallianrawna	Invited lecture for M.Sc.(Life sciences) as a visiting faculty	Deptt. of Life Sciences, PG-Section, PUC	1 st , 8 th & 15 th May, 2019	State
		Participated in One-Day State Level Consultation on draft NEP, 2019	MCTA & SPD (RUSA)	21 st Aug. 2019	State
		Participated in State Level One-Day Workshop on Best Practices for Colleges	SPD (RUSA)	9 th Aug, 2019	State
		Participated in International Level Winter School 2019 for B.Sc Students	Deptt. of Chemistry & Deptt. of Geology, PUC	9 th – 13 th , 2019	International
		Participated in National Level training on Capacity Building of Leadership and Personality Development through Life	Govt. Serchhip College	3 rd – 7 th December, 2019	National

		Skills			
		Participated in One Day Workshop on e-Content Development	IQAC-GZRSC	10 th Feb., 2020	Institutional
		Organising member in the seminar on “Women in Science” on occasion of National Science Day, 2020	MISTIC& GZRSC	28 th Feb, 2020	State

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

Sl.No	Topic	Funded by	Collaborations
-	-	-	-

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

17. Recognised Research Centre /facility: Nil

18. Number of Faculty as members in

a) University

1. Dr. K.B. Singh, Member, Moderation Board, Department of Chemistry, MZU
2. Dr. Samuel Lallianrawna, Member, Moderation Board, Department of Chemistry, MZU
3. Zonunthari, Member, Board of Studies, Department of Chemistry, MZU
4. Dr. Samuel Lallianrawna, Member, Board of Studies, Department of Chemistry, MZU

b) State:

1. Dr. Samuel Lallianrawna, Executive Member, State Medicinal Plants Board, Mizoram, 2018-2020.

c) Regional: Nil

d) National committees: Nil

e) International Committees: Nil

f) Editorial Board: Nil

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: Nil

22. Extension activities by the department: Remedial Classes were conducted for 1stSemester and for 2nd Semester with the help of RUSA, GZRSC under Equity Initiatives.

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):

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) : 9436366800
 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). At a time when IT industries and technology changes took place globally and the youth of the state are eager to explore the field of Information Technology, the Department was set up by the Government to meet the demand and hunger in the field of Information Technology. And, it was set up as 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 is 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, M.Phil(CS), Ph.D(on going)	Computer Science	12
2	MS. Dawngliani	Assistant Professor	MSc(CS) Ph.D(on going)	Computer Science	12
3	Lalhruaitluanga	Assistant Professor (Contract)	MSc(IT), MPhil(CS), Ph.D(on going)	Computer Science	12
4	R. Lalmawipuii	Assistant Professor (Contract)	B.Tech(CSE) MTech(IT)	Computer Science	12
5	H. Thangkhanhau	Assistant Professor (Contract)	MCA, MTech, Ph.D(on going)	Computer Science	10
6	Vanlallura	Assistant Professor (Part-time)	MCA	Computer Science	10
7	Laldingliana Sailo	Assistant Professor (Part-time)	MCA	Computer Science	10
8	Lalsangzuali	Assistant Professor (Part-time)	M.Sc(Maths & Comp. Sc)	Mathematics	1

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	1	1	2	1	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
			23
5th Sem			
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 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester	20	20	17	3	40
2	II Semester	20	20	17	3	33
3	III Semester	29	29	26	3	42
4	IV Semester	29	29	26	3	87.5
5	V Semester	26	26	20	6	96
6	VI Semester	22	22	15	7	68

9. Student - Teacher Ratio: 9:1

10. Annual Average Attendance Percentage of the Student: 80%

11. Study tour conducted under year of report: Nil

12. Awards / Recognitions received by students:

There are three students got ranking in BCA under MZU Examination in 2019 as follows:

- (i) Vanlalmalsawma 1st Rank
- (ii) K. Laltlanhlua 6th Rank
- (iii) Lalrinchhana 7th 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	M.S. Dawngliani	Development of a Model to Predict Breast Cancer Recurrence Using Decision Tree based Learning Algorithms	NIER		International
		Prediction of Breast Cancer Recurrence Using Ensemble Machine Learning Classifiers.	3rd International Conference on Security with Intelligent Computing and Big-data Services 2019, New Taipei City, Taiwan	4 th -5 th December 2019	International
		Comparison of Decision Tree-based Learning Algorithms using Breast Cancer Data.	2 nd International Conference on Computer Networks, Big Data		International

			and IoT (ICCB I 2019), Madurai, Tamil Nadu		
		Breast Cancer Recurrence Prediction Model Using Voting Technique	International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2020), Nepal	23 rd -24 th January 2020	International
		Webinar on Artificial Intelligence	Department of IT, MZU	28 th May 2020	National
		Faculty Development Programme on Forensic	AISSM, Pune	25 th May 2020	National
		Faculty Development Programme on Artificial Intelligence	G Narayanamma Institute of Technology and Science	22 nd -26 th June 2020	National
		Short term course on Research Methodology	Research and Seminar committee & IQAC, GZRSC	12 th -17 th August 2019	National
		Workshop on Best Practices	State Project Directorate	9 th August 2019	State
2	C Lalrinawma	Faculty Induction Programme	FDC, MZU	27 th May- 25 th June 2019	University
		National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho., MZU	12 th -17 th Aug., 2019	National
		Observance of World Ozone Day 2019	Eco-Club, GZRSC and MSPCB, GOM	16 th Sept., 2019	College
		One Day Workshop on NAAC Awareness Programme	IQAC and Research & Seminar Committee, GZRSC	25 th Sept., 2019	College
		State Level Workshop on Copyrights	IQAC and Research & Seminar Committee, GZRSC	16 th Oct., 2019	College
		State Level Workshop on Plagiarism	IQAC and Research & Seminar Committee, GZRSC	17 th Oct., 2019	College
		International Workshop on Tectonic and its implications with special reference to Indo-Burma range	Research and Seminar Committee and Dept. of Geology, GZRSC	17 th -18 th Jan, 2020	International
		One-Day Workshop on E-content Development	IQAC	10 th Feb., 2020	College
		FDP on Research Methodology and ICT Tools	Dr Janak Singh Socio Cultural Society	14 th -20 th June, 2020	National
3	Lalhrualtuanga	SoftSkill and Career Readiness Programme	Student Support Committee and Avenue Shillong	17 th July 2019	College
		International Workshop on Tectonic and its implications with special reference to Indo-Burma	Research and Seminar Committee and Dept. of	17 th -18 th Jan, 2020	International

		range	Geology, GZRSC		
		National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho., MZU	12 th -17 th Aug.,2019	National
4	R Lalmawipuii	International Workshop on Tectonic and its implications with special reference to Indo-Burma range	Research and Seminar Committee and Dept. of Geology, GZRSC	17 th -18 th Jan, 2020	International
		National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho., MZU	12 th -17 th Aug.,2019	National
		FDP on Research Methodology and ICT Tools	Dr Janak Singh Socio Cultural Society	14 th -20 th June, 2020	National
5	H Thangkhahau	International Workshop on Tectonic and its implications with special reference to Indo-Burma range	Research and Seminar Committee and Dept. of Geology, GZRSC	17 th -18 th Jan, 2020	International
		National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho., MZU	12 th -17 th Aug.,2019	National
		One-Day Workshop on E-content Development	IQAC	10 th Feb., 2020	College
		Python for Data Science	NPTEL	Jan - Feb, 2020	National
		E-Content methodology: Four Model, OERs and Copyright issues	SGTB Khalsa	15 th May, 2020	National
		FDP on "Cyber Security"	NIT, Mizoram	3 rd – 7 th , Mar.,2020	
6	Vanlallura	National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho., MZU	12 th -17 th Aug.,2019	National
7	Laldingliana Sailo	National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho., MZU	12 th -17 th Aug.,2019	National
		International Webinar on "Wireless network and the NS-3 Network Simulator"	Faculty of Computer applications, Ganpat University, Gujarat	20 th June 2020	International
		Online faculty Development Programme on LaTeX (One Week)	Dept of Information Technology, MZU	29 th June to 3 rd Aug 2020	National
8	Lalsangzuali	National Level Short Course Training on Research Methodology	Research & Seminar Committee and IQAC, GZRSC, Dept. of Psycho.,	12 th -17 th Aug.,2019	National

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

Sl.No	Topic	Funded by	Collaborations

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 1

b) State:

c) Regional:

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	MS Dawngliani	A Comparative Study between Data Mining Classification and Ensemble Techniques for Predicting Survivability of Breast Cancer Patients	September 2019	International Journal of Computer Science and Mobile Computing	ISSN 2320-088X
		Development of a Model to Predict Breast Cancer Recurrence Using Decision Tree based Learning Algorithms	November 2019	Think India Journal	ISSN:0971-1260
		Prediction of Breast Cancer Recurrence Using Ensemble Machine Learning Classifiers.	April 2020	Advances in Intelligent Systems and Computing” (AISC) by Springer	ISBN: 978-3-030-46828-6
		Comparison of Decision Tree-based Learning Algorithms using Breast Cancer Data.	March 2020	Lecture Notes on Data Engineering and Communications Technologies by Springer Publication	ISBN: 978-3-030-43191-4
		A Comparative Study between Data Mining Classification and Ensemble Techniques for Predicting Survivability of Breast Cancer Patients	September 2019	International Journal of Computer Science and Mobile Computing	ISSN 2320-088X

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

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

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

22. Extension activities by the department:

1. Parents- Teacher Meet for First Semester was held on 29th August 2019.

2. The Department organized Computer Free Clinic for the locality on 25th and 26th Oct, 2019.

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books: 880

b. Journals:

c. E-Books and E Journals:

d. Any other:

24. Any other relevant information (reports):

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 Lalhmangaihzualla
b) Phone No (Official) : 9862364797
c) Email : [rickylralte@gmail.com](mailto:rickyralte@gmail.com)

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. Aware of this basic need, the college also put forward a proposal for establishing Electronics department in 2002 to the 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. In addition, another faculty left the department and joined as academic officer in Mizoram Board of School Education (MBSE). Recently, on 17th March 2020, new faculty members have joined the department as Assistant professor under RUSA scheme.

As per the letter No. MZU/CDC-3/9/20/2480 issued on 10th July 2020; the department is authorized to open Core course for a period of 1 (one) year by 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 four (04) Assistant Professors. Dr. Ricky Lalhmangaihzualla took over charge as the H.O.D (Head of Department) on 18th July, 2019 till date.

Type of affiliation: Temporary to MZU. Presently only General papers are allotted to this department.

5. Teaching Faculties in the department:

Sl.No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1.	Dr. Ricky Lalhmangaihzualla	Asst. Professor (Contract)	MSc(Physics),Ph.D	Advanced Electronics	11
2.	Dr. PC. Rohmingliana	Asst. Professor	MSc(Physics),Ph.D	Computer	6
3.	Dr. Lalrinmawia Punte	Asst. Professor	MSc(Physics),Ph.D	Advanced	2.2
4.	Mr. Reginald H.Vanlalchaka	Asst. Professor (RUSA)	B.E (Electronics & Comm.) M. Tech (Electronics & Comm) UGC-NET (Electronics	Electronics Design & Technology	6

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	0	0	0	0	0	0	0	0
Assistant Professor	RUSA(2)	0	2	0		0	4	0
Lab Assistant	0	1	0	0	0	0	0	1

Lab Attendant	0	0	0	0	0	0	0	0
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7. Details of the Courses conducted by the department:

Semester	Course No.	Name of Paper	Credit
1 st	EL/I/EC/01	Electronics Instrument and Circuit Analysis	4
	EL/I/EC/02	Laboratory-I	2
2 nd	EL/II/EC/03	Semiconductor Physics	4
	EL/II/EC/04	Laboratory-II	2
3 rd	EL/III/EC/05	Electronic Devices and Amplifier	4
	EL/III/EC/06	Laboratory-III	2
4 th	EL/IV/EC/07	Pulse Switching Circuits	4
	EL/IV/EC/08	Laboratory-IV	2
5 th	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
6 th	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) EL/VI/CC/23(b)	Power Electronic Devices Fiber Optics and Electronic Communication	4
	EL/VI/CC/24	Project – II	2
			72

8. Students Particulars:

Sl.No	Semester	Applications received 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester	41	34	24	8	74
2	II Semester	38	32	25	7	50
3	III Semester	30	27	25	2	95
4	IV Semester	30	26	24	2	72
5	V Semester	-	-	-	-	-
6	VI Semester	-	-	-	-	-

9. Student - Teacher Ratio : 19: 1

10. Annual Average Attendance Percentage of the Student: 82.59%

11. Study tour conducted under year of report: NIL

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	Course/Title	Organised by	Duration /Date	Level
1	Dr. Ricky Lalmangaihzualla	Participated in the “Faculty development programme” on 1 st July, 2019 at the college Hall, GZRSC.	IQAC, GZRSC.	1 Day 1 st July, 2019	College
		Participated in the 3-Days National Level Workshop on “Quantum Science and Technology” held at the Seminar Hall.	Pachhunga University College	3 days 29 th -31 st July, 2019	National
		Participated in ‘National Level Short Course Training on Research Methodology’ held at Govt. Zirtiri Residential Science College.	Research & Seminar Committee and IQAC, GZRSC in collaboration with Dept. of Psychology, MZU.	6 Days 12 th – 17 th August, 2019	National
		Participated in ‘One Day Workshop on NAAC Awareness Programme’ held at Govt. Zirtiri Residential Science College.	Organized by Research & Seminar Committee and IQAC, GZRSC.	1 Day 25 th September 2019	College
		Attended the Observance of World Ozone Day 2019 cum Debate on Ozone Healing at Govt. Zirtiri Residential Science College, Aizawl.	Eco-Club, GZRSC and Mizoram State Pollution Control Board.	16 th September 2019	State
		Participated in State Level Workshop on Copyright, held at Govt. Zirtiri Residential Science College	IPR Committee, GZRSC and MISTIC, Deptt. of Science & Technology, Govt. of Mizoram	1 Day 16 th October, 2019	State
		Participated in State Level Workshop on Plagiarism, held at Govt. Zirtiri Residential Science College..	IPR Committee, GZRSC and MISTIC, Deptt. of Science & Technology, Govt. of Mizoram.	1 Day 17 th October, 2019	State
		Co-coordinator in ‘International Workshop on Tectonic and its Implications with special reference to Indo-Burma Range’ held at Govt. Zirtiri Residential Science College.	Research & Seminar Committee and Department of Geology, GZRSC	2 Days 17 th – 18 th January, 2020	International
		Attended workshop for EAT Module training programme	Assam Downtown University	1 Day 31 st January 2020	University
		Participated in Hands on training on molecular techniques	Dept, of Biochemistry GZRSC in collaboration with Dept. of Biotechnology, Mizoram University	1 Day 20 th February, 2020	College
		Organising Secretary in the seminar on ‘Women in Science’ on the	GZRSC and Mizoram Science,	1 Day 28 th	College

		occasion of national science day 2020	Technology and Innovation Council. Catalysed and supported by NCSTC, DST, New Delhi.	February, 2020	
		Participated in national webinar Academic Integrity and Quality Measuring Tools in Research and Publication	Dr. Balkrishna Information & Knowledge Resource Centre and IQAC, Rajam College, Kolhapur	1 Day 31 st May 2020	National
		Participated in webinar series on Beyond the boundaries: Reinventing Horizons	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.	30 th May, 2020	National
		Attended webinar presentation topics of Science Communication & Analysis of Scientific Publication for enhanced visibility	Under UGC STRIDE program, Mizoram University, Aizawl, India	29 th May, 2020	National
		Participated in Faculty Development Programme	Auxilium College(Autonomous) &Spoken Tutorial Project, IIT Bombay	7 Days 2020	National
		Participated in Cross Platform Application Development	Department of Information Technology, Easwari Engineering College	1 Day 3 rd June, 2020	National
		Participated in Digital Media for Learning and Teaching	Sir Theagaraya College	1 Day 9 June 2020	National
		Participated in Data Science for Engineer	Kalaigarkarunanidhi Institute of Technology	1 Day 30 th May, 2020	National
		Participated in national webinar on Creating a green Campus	IQAC, Bharath College of Art & Commerce and Roshni Udyavar & Associates (RU&A)	1 Day 5 th June, 2020	National
		Participated in online webinar on Environment and Sustainable Development	NSS and Red Cross Youth Wing, Vidyavardhaka College of Engineering	1 Day 5 th June, 2020	National
2	Dr. PC. Rohmingliana	Participated in the “Faculty development programme” on 1 st July, 2019 at the college Hall, GZRSC.	IQAC, GZRSC.	1 Day 1 st July, 2019	College
		Participated in the 3-Days National Level Workshop on “Quantum Science and Technology” held at the Seminar Hall.	Pachhunga University College	3 days 29 th -31 st July, 2019	National
		Participated in ‘National Level Short Course Training on Research	Research & Seminar Committee and	6 Days 12 th – 17 th	National

	Methodology' held at Govt. Zirtiri Residential Science College.	IQAC, GZRSC in collaboration with Dept. of Psychology, MZU.	August, 2019	
	Participated on the Awareness Campaign on Plastic Free City at College Auditorium.	Aizawl Municipal Corporation (AMC) and Eco-Club, GZRSC	9 th August, 2019	State
	Participated in 'One Day Workshop on NAAC Awareness Programme' held at Govt. Zirtiri Residential Science College.	Organized by Research & Seminar Committee and IQAC, GZRSC.	1 Day 25 th September 2019	College
	Attended the Observance of World Ozone Day 2019 cum Debate on Ozone Healing held at Govt. Zirtiri Residential Science College, Aizawl.	Eco-Club, GZRSC and Mizoram State Pollution Control Board.	16 th September 2019	State
	Chaired the session on the Observation of Poshan Abhiyan (Nutrition Month) on at the College Auditorium.	NSS Unit, GZRSC.	18 th September, 2019	College
	Attended on the Celebration of 50 th NSS Foundation Day on at Vanapa Hall, Aizawl.	All NSS Units within Aizawl City.	24 th September, 2019	National
	Participated in State Level Workshop on Copyright, held at Govt. Zirtiri Residential Science College	IPR Committee, GZRSC and MISTIC, Deptt. of Science & Technology, Govt. of Mizoram.	1 Day 16 th October, 2019	State
	Participated in State Level Workshop on Plagiarism, held at Govt. Zirtiri Residential Science College.	IPR Committee, GZRSC and MISTIC, Deptt. of Science & Technology, Govt. of Mizoram.	1 Day 17 th October, 2019	State
	Co-coordinator in 'International Workshop on Tectonic and its Implications with special reference to Indo-Burma Range' held at Govt. Zirtiri Residential Science College.	Research & Seminar Committee and Department of Geology, GZRSC	2 Days 17 th – 18 th January, 2020	International
	Successfully performed as a Co-ordinator in "Training on Capacity Building of Leadership and Personality Development through Life Skills" held from at GZRSC,	Regional Directorate of NSS, Guwahati in collaboration with NSS Cell, Sports & Youth Services Department, Govt. of Mizoram.	4 Days 2 nd – 6 th December, 2019	National
	Participated at the programme of Fit India Movement - Holding of Walkathon from Vanapa Hall to Chanmari.	NSS Cell, Mizoram, Sports & Youth Services Department, Govt. of Mizoram.	1 Day 18 th January, 2020	State
	Participated on behalf of Electronics Department in 'One Day Workshop on E-Content	Internal Quality Assurance (IQAC), Govt. Zirtiri	1 Day 10 th February,	College

		Development' held at Govt. Zirtiri Residential Science College.	Residential Science College.	2020	
		An Organising Member in the Seminar on 'Women in Science' on the occasion of National Science Day 2020 celebration held at Govt. Zirtiri Residential Science College, Aizawl.	GZRSC & Mizoram Science, Technology and Innovation Council.	28 th February, 2020	College
		Participated in Cell Designer Training	Spoken Tutorial Project, IIT-Bombay	29 th April, 2020	National
		Participated in Digital Circuits for VLSI Design.	Dept. of Electronics and Communication Engineering, Gnanamani College of Technology	1 Day 25 th May, 2020	National
		Participated in Heart to Brain Communication: Impact of RF radiation.	Dept. of Electronics and Communication Engineering, MZU	1 Day 26 th May, 2020	National
		Participated in Production & Processing of Horticulture Crops.	Department of Horticulture, Aromatic and Medicinal Plants, MZU, Aizawl.	1 Day 26 th May, 2020	National
		Participated in Advances in Research Methodology.	Research & Development Cell, RJS International Multidisciplinary Research Foundation.	3 Days 27 th – 29 th May, 2020	International
		Participated in Artificial Intelligence and Cloud technology.	Department of Information Technology, MZU, Aizawl.	1 Day 28 th May, 2020	National
		Participated in Science Communication & Analysis of Scientific Publications for enhanced visibility.	Department of Zoology, MZU, Aizawl.	1 Day 29 th May, 2020	National
		Participated in Department of Computer Applications, Noorul Islam Centre for Higher Education. Tamil Nadu, India	Noorul Islam Centre for Higher Education. Tamil Nadu, India	1 Day 29 th May, 2020	National
		Participated in Power Quality Improvement techniques.	Dhaanish Ahmed College of Engineering, Chennai, India.	1 Day 29 th May, 2020	National
		Participated in Artificial Intelligence.	Department of Information Technology, Easwari Engineering College, Chennai, India	1 Day 30 th May, 2020	National
		Participated in Online: The New Normal in Education.	Swami Keshvanand Institute of Technology,	1 Day 30 th May, 2020	National

			Management & Gramothan, Jaipur, India.		
		Participated in Data Science for Engineers.	Kalaighnarkarunanidhi Institute of Technology (KIT), Coimbatore, India.	1 Day 30 th May, 2020	National
		Participated in Academic Integrity and Quality Measuring Tools in Research and Publication.	Dr. Balkrishna Information & Knowledge Resource Centre and IQAC, Rajaram College, Kolhapur,	1 Day 31 st May, 2020	National
		Participated in Atmospheric Disaster, Covid 19 and the way forward.	Department of Civil Engineering, MZU, Aizawl.	1 Day 01 st June, 2020	National
		Participated in Role of Channel State Information in Adaptation and resource Allocation in Next Generation Wireless System and Wide Band-Gap Semiconductor: Past, Present and Future.	Department of Electronics & Communication Engineering: MZU, Aizawl.	1 Day 03 rd June, 2020	National
		Participated in Cross Platform Application Development.	Department of Information Technology, Easwari Engineering College, Chennai, India.	1 Day 03 rd June, 2020	National
		Participated in 4-Days National Level faculty Development Program on Managing in Difficult Times.	Nagindas Khandwala College.	4 Days 04 th – 07 th June, 2020	National
		Participated in Environment and Sustainable Development.	NSS and Red Cross Youth Wing, Vidyavardhaka College of Engineering, Mysore, India.	1 Day 05 th June, 2020	National
		Participated in Creating a Green Campus.	IQAC, Bharat College of Arts & Commerce and Roshni Udyavar & Associates (RU & A)	1 Day 05 th June, 2020	National
		Participated in Virtual Reality.	Department of Information Technology, Easwari Engineering College, Chennai, India.	1 Day 05 th June, 2020	National
		Participated in Selection of Power Converters for various Applications and Grid Connected Issues.	µ-maker Pvt. Ltd., Trichy.	1 Day 06 th June, 2020	National
		Participated in Fostering Research Environment in Academic Institutions.	Satpuda Shikshan Sanstha Jalgaon (Jamod)'s Art's,	1 Day 06 th June, 2020	National

			Commerce College, Warwat Bakal.		
		Participated in the Impacts of COVID 19 on Indigenous Peoples in India.	Dept. of Sociology of Lokmanya Mahavidhyalaya, Warora.	1 Day 06 th June, 2020	National
		Participated in Post COVID Teaching Scenario with google Classroom.	Social and Cultural Association's, Smt. Narmadabai Nago Chaudhari Arts, Commerce 7 Science College, Kusumba, Maharastra, India.	1 Day 07 th June, 2020	National
		Participated in Rare-Earth Doped Nanomaterials for Light Emitting Display, Light harvesting, Security Ink, Temperature Sensor and Biological Applications.	Dept. of Chemistry, MZU, Aizawl.	1 Day 08 th June, 2020	National
		Participated in Digital Media for Learning and Teaching.	Dept. of Physics, Sir Theagaraya College, Chennai.	1 Day 08 th June, 2020	National
		Participated in IPR & e-Content Development.	Rajaram College, Kolhapur, Maharastra	3 Days 08 th – 10 th June, 2020	National
		Participated in Soft Skill and Creative Thinking in Chemical and Physical Sciences. ,	Dept. of Chemical and Physical Sciences of Jalgaon District Maratha Vidya Prasarak Co-Op Samaj's Arts, Commerce and Science College, Yawal	1 Day 08 th June, 2020	National
		Participated in Virtual faculty Development Program on Antenna and Microwave Engineering.	Electronics & Communication Engineering Dept., K. Ramakrishnan College of Technology, Trichy.	6 Days 08 th – 13 th June, 2020	National
		Participated in Recent Development in 5G sub-6GHz Antenna Designs for Smartphone Applications	Department of Electronics & Communication Engineering: MZU, Aizawl.	1 Day 09 th June, 2020	National
		Participated in Recent Advances in Physics.	Dept. of Physics & IQAC, Govt. College for Men, Kurnool.	1 Day 10 th June, 2020	National
		Participated in Mathematical Modelling of Infectious Diseases: Its relevance in time of COVID and Binary Recurrence Sequences and its Arithmetic.	Dept. of Mathematics & Computer Science, MZU, India.	1 Day 11 th June, 2020	National
		Participated in Know your Intellectual Property Rights.	AIC-ADT, Baramati Foundation and Shardabai Pawar	1 Day 11 th June, 2020	National

			Mahila Arts, Commerce and Science College, Baramati.		
		Participated in 5G: Satellite Network.	Electronics and Communication Engineering Department, Parul Polytechnic Institute, Parul University.	1 Day 12 th June, 2020	National
		Participated in Origin of Universe: Scientific and Vedic Perspective.	QUBIT, The Physics Society, Bhaskaracharya College of Applied Sciences	1 Day 12 th June, 2020	National
		Participated in Revisiting Rambuai: It's Impact on the Mizo Culture, Society and Literature.	Dept. of Mizo, MZU.	1 Day 12 th June, 2020	National
		Exploring and Understanding COVID-19 Pandemic.	Maa Omwati College of Education, Hassanpur (Palwa).	1 Day 12 th June, 2020	International
		Participated in COVID-19 and Social Problems.	Dept. of Sociology and IQAC, B.S.S. Arts, Science and Commerce College, Makani.	1 Day 14 th June, 2020	National
		Participated in Recent Trends in Nanomaterials & Nano biomaterials (RTNN).	Dept. of Physics, Narajole Raj Collge,	2 Days 14 th – 15 th June, 2020	International
		Participated in 5G: Network Architecture and SDN.	Electronics and Communication Engineering Department, Parul Polytechnic Institute, Parul University.	1 Day 15 th June, 2020	National
		Participated in Understanding Data Science: Application & Employment. .	Dept. of Electronics, Nabira Mahavidyalaya, Nagpur	1 Day 15 th June, 2020	National
		Participated in Art of teaching.	ISTE Staff Chapter of K. Ramakrishnan College of Technology.	1 Day 16 th June, 2020	National
		Participated in Nanomaterials and Robotics.	IQAC, Dept. of Physics & Electronics, Rajalakshmagouda Science Institute, Belagavi.	1 Day 16 th June, 2020	International
		Participated in Advancements in Industrial Electrical Installation Process.	Dept. of Electrical Engineering, MZU	1 Day 17 th June, 2020	National
		Participated in Mathematics and Covid-19.	Royal School of Applied & Pure	1 Day 17 th June,	National

			Sciences, Royal Global University, Guwahati.	2020	
		Participated in Microwave Antenna Measurements Yesterday Today & Tomorrow and Design of Antennas through Simulation using Tarang 19.1.	Department of Electronics & Communication Engineering: MZU, Aizawl.	1 Day 18 th June, 2020	National
		Participated in Role of Applied Sciences in current Scenario.	Dept. of Applied Sciences and Humanities, Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra.	1 Day 18 th June, 2020	International
		Participated in Digital Transformation of Higher Education in India.	Guru Angad Dev Teaching Learning Centre and Sri Aurobindo College of Commerce and Management, Ludhiana.	1 Day 18 th June, 2020	National
		Participated in Environmental Degradation & Disasters in India.	Dept. of Geography, Borholla College.	18 th – 19 th June, 2020	National
		Participated in Faculty Development Programme on Research Methodology: Tools and Techniques.	Dept. of History, M.V. Muthiah Govt. Arts College for Women, Dindigul, Tamil Nadu.	One Week 18 th – 24 th June, 2020	National
		Participated in Post-COVID-19 Indian Education System: Impact and Strategies.	Anandi Shikshan Prasarak Mandal's Padmashri Dr. G.G. Jadhav Mahavidhyalaya, Kolhapur.	1 Day 19 th June, 2020	National
		Participated in Post COVID-19 Economic Scenario – Economic, Industrial and Investment Perspective.	Dept. of Business Economics and IQAC, Dhananjayrao Gadgil College of Commerce, Satara.	1 Day 20 th June, 2020	International
		Participated in Intellectual Property Rights.	IQAC, Maniben M.P. Shah Mahila Arts College, Kadi.	1 Day 21 st June, 2020	National
		Participated in Environmental Impact Assessment with Special reference to Water resources Project.	ASCE Student Chapter of Dept. of Civil Engineering, Federal Institute of Science and Technology and KSCSTE- Centre for water Resources Development and management.	1 Day 22 nd June, 2020	National
		Participated in Faculty Development Program on	Dept. of Electrical and Electronics	3 days 23 th –	National

	Applications of Power Electronics for Renewable Energy and Power Systems.	Engineering, Rajalakshmi Engineering College, Thandalam, Chennai	25 th June, 2020	
	Participated in Solar PV Technology.	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 24 th June, 2020	National
	Participated in Recent Advances in Physics: A Promise to Society (IC-RAPPS) 2020.	Govt. PG College, Bazpur, Uttarakhand	24 th – 25 th June, 2020	International
	Participated in Health and Environmental Protection During Pandemic Outbreak of COVID-19.	Dept. of Chemistry, Faculty of Science, Ssram Higginbottom University of Agriculture, Technology and Sciences.	2 days 25 th – 26 th June, 2020	International
	Participated in Impact of COVID-19 on Rural Economy.	Dept. of Economics, Amdar Shashikant Mahavidyalaya, Medha & Shivaji University Economic Association, Kolhapur.	1 Day 25 th June, 2020	National
	Participated in Environment Sustainability: Recent Scenario and Solutions.	IQAC of Smt. Kasturbai Walchand College (Arts & Science) Sangli.	1 Day 25 th June, 2020	National
	Participated in Renewable Energy: Opportunities and Challenges Post COVID-19.	Dept. of Physics, P.C. Janin Science College, Hubballi Autonomous.	1 Day 25 th June, 2020	National
	Participated in Recent Research Trends in Chemistry.	Dept. of Chemistry, Nabira Mahavidyalaya, Nagpur.	1 Day 26 th June, 2020	National
	Participated in Sixty Years of Laser.	Dept. of Physics, Jamshedpur Women's College.	1 Day 26 th June, 2020	International
	Participated in Artificial Neural Network using MATLAB.	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 26 th June, 2020	National
	Participated in Online Circuit Debugging.	Dept. of Electronics and Communication Engineering of Rathinam Technical	1 Day 27 th June, 2020	National

			Campus.		
		Participated in Harmonic Issues from Power Converters and Mitigation Techniques.	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 27 th June, 2020	National
		Participated in Impact of Polymer-Based Biomaterials on Human Health.	Dept. of Chemistry, Smt. Kasturbai Walchand College (Arts & Science) Sangli.	1 Day 27 th June, 2020	National
		Participated Biodiversity Conservation and Sustainable Development.	IQAC of Prof. Dr. N.D. Patil Mahavidyalaya, Malkapur.	1 Day 28 th June, 2020	International
		Participated in Renewable Energy and Environmental Conservation.	ABHAV Foundation	28 th June, 2020	National
		Participated in Emerging Advances in Mathematical and Physical Sciences.	Dept. of Mathematics and Physics, Hindu College, Moradabad.	28 – 30 th June, 2020	International
		Participated in Perspective on the Corona Virus Crisis.	Dept. of Physics, Hindu College:: Gunrue, A.P.	1 Day 29 th June, 2020	National
		Participated in Power Enhancement Techniques in Photovoltaic Power System.	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 29 th June, 2020	National
		Participated in Financial Crisis and its Impact on Sustainable Eco-Tourism.	IQAC of Milagres College, Hampankatta, Mangaluru.	1 Day 30 th June, 2020	International
		Participated in Act as Camp Director in Inter-Institutional Camp on Leadership and Personality Development held at Govt. Zirtiri Residential Science College, Aizawl.	Regional Directorate of NSS, Guwahati in collaboration with State NSS Cell, Mizoram.	5 Days 2 nd – 6 th March, 2020	College
3	Dr. Lalrinmawia Punte	Participated in Digital Media for Learning and Teaching	SIR Theagaraya College, Chennai.	1 Day 8 th June, 2020.	National
		Participated in Documentation for Data Verification & Validation (DVV) and Peer Team Visit (PTV) NAAC, Internal Quality Assurance Cell (IQAC) of Mahatma Phule Mahavidyalaya, Kingaon.	UGC	1 Day 15 th June, 2020.	National
		Participated in 1. The Role of Science and Technology in the Times of War, Pandemic and Natural Disasters 2. Systematic and	MZU	18 th June, 2020	National

		Scientific Exploration of Medicinal Plants of NE Region.			
		Participated in Microwave Antenna Measurements Yesterday Today & Tomorrow 2. Design of Antennas through Simulation using TaraNG:19.1	Department of Electronics, MZU	18 th June, 2020	National
		Participated in One Week online Faculty Development Program (FDP) on “LaTeX”	Department of Information Technology, MZU	29 th June - 3 th July, 2020.	National
4	Mr. Reginald H. Vanlalchaka	Participated in the 3-Days National Level Workshop on “Quantum Science and Technology” held at the Seminar Hall.	Pachhunga University College	3 days 29 th -31 st July, 2019	National
		Participated in ‘National Level Short Course Training on Research Methodology’ held at Govt. Zirtiri Residential Science College.	Research & Seminar Committee and IQAC, GZRSC in collaboration with Dept. of Psychology, MZU.	6 Days 12 th – 17 th August, 2019	National
		Attended the Parents-teacher Meet held at College Auditorium as per the Academic Calendar prepared	IQAC, GZRSC.	29 th August, 2019	College
		Participated in ‘One Day Workshop on NAAC Awareness Programme’ held at Govt. Zirtiri Residential Science College.	Organized by Research & Seminar Committee and IQAC, GZRSC.	1 Day 25 th September 2019	College

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

Sl.No	Topic	Funded by	Collaborations
1.			

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

17. Recognized Research Centre / facility : Environmental Radiation Monitoring Research Laboratory.

18. Number of Faculty as members in

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

19. Details of Publications of Faculty : NIL

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN/ISBN No
1					

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 :

Study trip/ Outreach program:

A study tour was organized by the college with financial aid from the Govt. of Mizoram. The student union office bearers and two faculty members from the college were appointed to take in-charge during the tour program. Thirty-four (34) Students from various disciplines from Physical science, Life Science and BCA were selected to be participated in the tour program. Various places of Kolkata's City was successfully visited during 7th -17th January, 2020 which lasted for 10(ten) days. Mr. Reginald H.Vanlalchaka, faculty member of Electronics Department was one of the in-charge of the tour program.

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 : NIL

25. Any other report:

As per scheduled, on 22nd June, 2020; the Inspection team from MZU has inspected the Electronics Department successfully for the grant of permission to initiate core-subject in the department and the Academic council on 23th June 2020 has given its consent for starting the core-subject in the electronics department for a period of 1 (one) year for the time being and is extendable based on performance and circumstances.

F. ANNUAL DEPARTMENT REPORT FOR ENGLISH DEPARTMENT

1. Name of department : English
2. Year of establishment : 2000
3. a) Name of the Head of Department : Mrs 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. When the college was amalgamated with other science departments and came into existence as a purely science college in the year 2000, the 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 and has been utilizing the language laboratory to enhance the oral communication skills of the students. The department has always endeared itself towards the development and progress of the college.

5. Teaching Faculties in the department:

Sl.No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Laltluangkimi Hnamte	Assoc. Prof	MA(M.Phil)	English Literature	29
2	Lalmalsawmi Chhangte	Assoc. Prof	MA	English Literature	26
3	Lalrinsangi Nghinglova	Assoc. Prof	MA, PGDTE, LLM, Ph.D(on-going)	English Literature	23
4	Lalrinpuui Rokhum	Asst. Prof	MA	English Literature	11

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		3						
Assistant Professor				1				
Lab Assistant								
Lab Attendant								

7. Details of the Courses conducted by the department:

Semester	Course Name	Course Code	Credit
I BSc/BHSc	Foundation Course 1	ENG/I/FC/1	5
II BSc/BHSc	Foundation Course 2	ENG/II/FC/2	5
I BCA	English Language and Communication Skills	BCA/1/CC/01	4
II BCA	Personality and Soft Skills Development	BCA/2/CC/07	4

8. Students Particulars:

Sl.No	Semester	Applications received 2019-2020	Selected 2019-2020	Enrolled		Pass percentage
				M	F	
1	I Semester Life Science	142	142	58	81	
2	I Semester Physical Science	94	94	67	27	
3	I Semester Home Science	18	18			
4	I Semester BCA	23	23			

9. Student - Teacher Ratio:

- a. B.sc Life Science -35.5:1
- b. B.sc Physical Science -23.5:1
- c. Home Science -4.5:1
- d. BCA -5.75:1

10. Annual Average Attendance Percentage of the Student: 77 %**11. Study tour conducted under year of report: None****12. Awards / Recognitions received by faculty and students: None****13. Details of Faculty qualified for the Ph.D degree under year of report: NA****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	Laltluangkimi Hnamte	Workshop on NAAC awareness	IQAC & Research & Seminar Committee, GZRSC	25th September, 2019	College
		Workshop on IPR	IPR Committee, GZRSC, MISTIC, Dept of Science & Technology	16th Oct, 2019	State
		Attended international workshop on Tectonics	Research & Seminar Committee and Dept of Geology, GZRSC	17th & 18th, January, 2020	International
2	Lalmalsawmi Chhangte	Resource person at training NSS Cell, Sports & Youth Services, Govt of Mizoram	Sports & Youth Services, Govt of Mizoram	2nd -6th December, 2019	State
		Attended Seminar on interpretation of Mizo Culture in literature	Mizoram English Literary Society	4th Sept, 2019	
		Attended Research Methodology Seminar	IQAC, GZRSC, Dept of Psychology, MZU		National
		Attended seminar on NAAC awareness	IQAC, GZRSC	25th September, 2019	College
		Attended Seminar on Copyright	IPR Committee & MISTIC, Dept of Science & Technology	16th October, 2019	State
		Attended Seminar on Plagiarism	IPR committee & MISTIC, Dept of Science & Technology	17th October, 2019	State
		Attended consultation on NEP 2019	MCTA & SPD, RUSA	25th August 2019	State
		Attended International workshop on tectonics	Research & Seminar Committee, GZRSC and Dept of Geology	17th-18th January, 2020	International
3	Lalrinsangi Nghinglova	Resource person at Personality Development programme	Regional Institute of Paramedical and Nursing Studies	23 rd -30th July, 2019	State
		Attended webinars on i) Meet the author	Royal Global University	11 th June 2020	National

	ii)AQAR writing and submission as Per New NAAC guidelines	Miraj Mahavidyalaya	6 th & 7 th June 2020	National
	iii)Revisiting Rambuai : its impact on Mizo Culture	MZU	12 TH June 2020	National
	iv)Gender Implications of Covid 19 Pandemic : A way ahead	MZU	17 th June 2020	National
	v) Gender Issues and impact of Covid -19 on women	MZU	30 th June 2020	National
	Resource Person at Finishing School	Regional Institute of Paramedical & Nursing Studies	22nd - 30th July	State
	Resource Person at capacity Building of youth on leadership and personality development through life skills	NSS Cell, Sports& Youth Services Dept, Govt of Mizoram	2nd -6th December,2019	State
	Resource person at Life Skills and Personality development	NSS cell, S&YS, Govt of Mizoram	2nd-6th March,2020	
	Oral presentation on 'Interplay of Ethics & Law in delivering Justice in thee Society: A study of select novels in Legal context' in Transdisciplinary International Conference on 'Advancements in Legal Research: Reflections in contemporary Pandemic and Transdisciplinary Dimensions.	Amity University	4th - 5th,Oct,2019	International
	Short Course Training on Research Methodology	IQAC,GZRSC and Dept of Psychology, MZU	12th-17th, August ,2019	National
	Attended Seminar on interpretation of Mizo Culture in literature	Mizoram English Literary Society	4th September,2019	State
	Attended seminar on copyright	IPR Committee, GZRSC & MISTIC, Dept of Science &Technology, GOM	16th October,2019	State
	Attended Seminar on Plagiarism	IPR Committee, GZRSC & MISTIC, Dept of Science &Technology, GOM	17th October,2019	State
	Attended workshop on NIRF Committee on participation of colleges in NIRF	SPD, RUSA, GOM	8 th August,2019	State
	Attended State level consultation on draft NEP 2019	MCTA,SPD&RUSA	25 th August 2019	State
	Attended and organised seminar on women in Science	GZRSC & Mizoram Science, Technology and Innovation Council supported by NCSTC, DST, Delhi	28 th February 2020	College
	Attended and organised one day workshop on NAAC	IQAC,GZRSC	25 th Sept2019	College

		awareness			
		Attended Sensitization program on NAAC	IQAC,PUC under Paramarsh scheme	27 th February 2020	National
		Organised and session chaired on international workshop on tectonics	Research & Seminar committee and Dept of geology, GZRSC	17th-18thJanuary,2020	International
		Organised online Personality Development Program	Student support Committee & IQAC	19 th June - 23 June 2020	College
4	Lalrinpuii Rokhum	Attended International workshop on Tectonic and its Implications with special reference to Indo-Burma range	Research and Seminar Committee and Dept of Geology, GZRSC	17-18 th January,2020	International
		Attended One day workshop on E-Content Development	IQAC,GZRSC	10 th February,2020	College
		Attended Observation of Constitution Day	Socio-cultural and Debating committee	5 th February,2020	College

15. Details of conference/Seminar organized by the department: None

Sl.No	Topic	Funded by	Collaborations

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:** Lalrinsangi Nghinglova, BOS Member

b) **State:** Laltluangkimi Hnamte - Member MIELS, Member Screening Board for Asst. Prof under RUSA, Subject Expert for MPSC

Lalrinsangi Nghinglova - 1. Draft Committee member Amendment of Mizoram State Higher Education Council, 2017

2. Jury member at district and State level Declamation contest organised by Nehru Yuva Kendra, Ministry of Youth Affairs and Sports, Govt of India during 13 &14th, January, 2020

3 Board member B certificate examination of NCC

4 Subject expert for MPSC, Evaluator for MPSC

5 Executive member, MIELS and MCTA Hqrs

Lalmalsawmi Chhangte: Treasurer, MIELS, Subject Expert for MPSC (Evaluator)

c) **Regional:**

d) **National committees:** Lalrinsangi Nghinglova, Women's Cell, AIFUCTO

e) **International Committees:**

f) **Editorial Board:** Laltluangkimi Hnamte Chairman, College Magazine

Lalmalsawmi Chhangte Member, College Magazine

Lalrinsangi Nghinglova, Board of Editors for UG studies in English, Mizoram University

19. Details of Publications of Faculty:

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN No
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1	Lalrinsangi Nghinglova	Indigeneity and: Religion; The Mizo context.	June 2019	Journal of Literature and Cultural Studies	ISSN: 2348-118
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20. Participation of the department in the courses offered by other departments:

All the four faculty members of the department are involved in the teaching-learning - evaluation process of the three streams ie Science, Home Science and Computer Science.

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: 830

b. Journals: 2

c. E-Books and E Journals:

d. Any other:

24. Any other relevant information (reports):

1. Laltluangkimi Hnamte: Subject expert in Competitive Examinations conducted by MPSC and KVI Board, Prepared UG Question bank for MZU during 1st May-30th June 2020

2. Lalmalsawmi Chhangte: Subject expert in Competitive Examinations conducted by MPSC

Counting Supervisor in MLA and MP Elections

3. Lalrinsangi Nghinglova: Subject expert in Competitive, Examinations conducted by MPSC

Counting supervisor for MP and MLA Elections, Caretaker Officer NCC, Prepared UG Question bank for MZU during 1st May-30th June 2020

4. Lalrinpuui Rokhum: Prepared UG Question bank for MZU during 1st May-30th June 2020

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:

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 especially in the field of earthquake and landslide; 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 & Head	Ph.D (Geology) NET JRF	Sedimentology, Structural geology	8yrs
2.	Dr. C. Lalmuankimi	Asst. Professor	Ph.D (Geology)	Economic Geology, Micropaleontology, Geochemistry	6 yrs
3.	Laltlankima	Asst. Professor	M.Sc (Geology) NET	Landslide Remote Sensing & GIS	6 Yrs
4.	Dr. C. Lalremruatfela	Asst. Professor	Ph.D (Geology) NET	Paleomagnetism, Magneto stratigraphy, Structural Geology	6 yrs

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	Nil	nil	nil	nil	nil	nil	nil	nil
Associate Professor	Nil	nil	nil	nil	nil	nil	nil	nil
Assistant Professor	1	Nil	2	1	nil	nil	3	1
Lab Assistant	Nil	1	nil	nil	nil	nil	nil	1
Lab Attendant	Nil	nil	nil	nil	nil	nil	nil	nil

7. Details of the Courses conducted by the department:

Semester	Course	Course No.	Category	Credit	Marks		
					Conti. Assessment	End Semester	Total
I	General & Structural	Course- I Theory	CC	4	40	60	100

	Geology and Mineralogy	Course- I Practical	CC	2	40	60	100
	Total			6	80	120	200
II	Petrology & Geochemistry	Course- III Theory	CC	3	40	60	100
		Course- IV Practical	CC	2	40	60	100
	Total			5	80	120	200
III	Stratigraphy & Paleontology-I	Course- V Theory	CC	3	40	60	100
		Course- VI Practical	CC	2	40	60	100
	Total			6	80	120	200
IV	Economic & Applied Geology	Course- VII Theory	CC	4	40	60	100
		Course- VIII Practical	CC	2	40	60	100
	Total			6	80	120	200
V	Applied & Engineering Geology	Course- IX Theory	CC	3	40	60	100
		Course- X Practical	CC	2	40	60	100
	Sedimentology & Sequence Stratigraphy	Course- XI Theory	CC	3	40	60	100
		Course- XII Practical	CC	2	40	60	100
	Igneous & Metamorphic Petrology	Course- XIII Theory	CC	3	40	60	100
		Course- XIV Practical	CC	2	40	60	100
	Option A: Hydrogeology, Oceanography & Environmental Geology	Course- XV Theory	CC	3	40	60	100
	Option B: Geology of North East India	Course- XVI Practical	CC	2	40	60	100
	Total			20	320	480	800
VI	Paleontology & Stratigraphy-II	Course- XVII Theory	CC	3	40	60	100
		Course- XVIII Practical	CC	2	40	60	100
	Economic Geology & Mineral Resources of India	Course- XIX Theory	CC	3	40	60	100
		Course- XX Practical	CC	2	40	60	100
	Dynamics of the Earth & Structural Geology	Course- XXI Theory	CC	3	40	60	100
		Course- XXII Practical	CC	2	40	60	100
	Option A: Fuel Geology & Mineral Exploration	Course- XXIII Theory	CC	3	40	60	100
	Option B: Environmental Geology	Course- XXIV Practical	CC	2	40	60	100
	Total			20	320	480	800

8. Students Particulars:

Sl.No	Semester	Applications received 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester	43	32	20	12	59.37
2	II Semester	32	32	20	12	
3	III Semester	15	15	10	5	93.33
4	IV Semester	15	15	10	5	

5	V Semester	10	10	7	3	60
6	VI Semester	10	10	7	3	

9. Student - Teacher Ratio: 14:1

10. Annual Average Attendance Percentage of the Student: 81%

11. Study tour conducted under year of report:

i) Geological field work at Kolasib, Kolasib District, Mizoram during 18th to 19th October 2019.

12. Awards / Recognitions received by faculty and students:

i) Dr. C. Lalmuankimi received a certificate for her outstanding achievement (PhD) in the field of Geological sciences from MISTIC, DST, Government of Mizoram on 28th February 2020, National Science Day under the theme “Women in Science”.

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

i) Dr. C. Zoramthara (HOD) was awarded Ph.D degree (Doctor of philosophy) from Department of Geology, Mizoram University on 9th August, 2019. The title of his thesis is “Sedimentological studies on Timpam rocks in Kolasib District, Mizoram”.

ii) Dr. C. Lalremruatfela was awarded PhD degree from Department of Geology, Mizoram University on 9th January 2020. The title of his thesis is “Magnetostatigraphic study of Barail Group in Champhai District, Mizoram”.

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. C. Lalmuankimi	Workshop on ‘Quantum Science and Technology’	PUC	29 th to 31 st July (3days)	State
2.	Dr. C. Lalmuankimi	UGC-Sponsored Special Summer School	HRDC, MZU	11 th to 24 th June (14 days)	National
3.	Dr. C. Zoramthara Dr. C. Lalmuankimi Mr. Laltlankima Dr. C. Lalremruatfela	National level short course on Research Methodology	GZRSC	12 th to 17 th August, 2019. (6days)	National
4.	Dr. C. Zoramthara Dr. C. Lalremruatfela	Two Days National Workshop on “Introduction and Demonstration of Advanced Equipments in Surveying”	Dept. of Civil engineering, MZU	29 th to 30 th August, 2019. (2 days)	National
5.	Dr. C. Zoramthara Dr. C. Lalmuankimi Mr. Laltlankima Dr. C. Lalremruatfela	One day workshop on ‘NAAC Awareness Programme’	IQAC and Research and Seminar committee, GZRSC	25 th Sept, 2019 (1 day)	College
6.	Dr. C. Zoramthara Dr. C. Lalremruatfela	Observance of Ozone day 2019 cum debate on Ozone healing	Eco Club GZRSC & Mizoram State Pollution Control	16 th September 2019	State

			Board.	(1 day)	
7.	Dr. C. Zoramthara Dr. C. Lalremruatfela	Two days departmental seminar on 'Disaster Management'	Dept. of Geology, Lunglei Govt. College	3 rd and 4 th September, 2019. (2 days)	College
8.	Dr. C. Zoramthara Dr. C. Lalmuankimi Mr. Laltlankima Dr. C. Lalremruatfela	State level workshop on 'Plagiarism' at GZRSC	IPR committee, GZRSC and MISTC, DST, Govt. of Mizoram	17 th October, 2019	State
9.	Dr. C. Zoramthara Dr. C. Lalmuankimi Dr. C. Lalremruatfela	State level workshop on 'Copyright' at GZRSC	IPR committee, GZRSC and MISTC, DST, Govt. of Mizoram	18 th October, 2019	State
10.	Dr. C. Zoramthara Dr. C. Lalremruatfela	Three days National workshop on 'Landslide hazard in Southern Mizoram' at Lunglei Govt. College	MIRSAC, DG&MR, LGC, GSM	24 th to 26 th October 2019. (3 days)	State
11.	Dr. C. Zoramthara Dr. C. Lalremruatfela	Training on PFMS	State NSS Office	28 th October 2019	State
12.	Dr. C. Lalmuankimi	Presented a paper on "Tectonic setting and its impact on the properties of the Upper Bhuban sandstones, Mizoram, India at the American Geophysical Union (AGU) fall meeting 2019 at San Francisco, CA, USA.	American Geophysical Union	9 th to 13 th Dec, 2019 (5 days)	Internati onal
13.	Dr. C. Zoramthara	One day workshop on 'Inclusion of regional contents and identification of reliable materials for Applied Geology for Higher Secondary stage'.	MBSE	13 th Dec, 2019	State
14.	Dr. C. Lalremruatfela	Presented a paper on 'Tectonics of IBR' at International workshop on Tectonics and its implications with special reference to Indo-Burma Range.	Research and Seminar committee & Dept. of Geology, GZRSC	during 17 th to 18 th January 2020	Internati onal
15.	Dr. C. Zoramthara Dr. C. Lalremruatfela	Participated in Seminar on 'Women in Science'	GZRSC and MISTIC.	28 th Feb, 2020.	State
16.	Dr. C. Lalremruatfela	International Day for Drug abuse and illicit trafficking	P.K College of Education, Nehru Nagar	26 th June 2020 (One day)	National
17.	Dr. C. Lalremruatfela	E-training on 'Paleontology with emphasis on the Biostratigraphy and Paleoenvironment interpretation'.	RTD, NER, GSITI, Shillong	15 th to 20 th June 2020 (6 days)	National
18.	Mr. Laltlankima	Webinar session on 'Atmospheric Disaster, Covid 19 and the way forward'	Dept. of Civil Engineering, Mizoram University	1 st June 2020 (One day)	Internati onal
19.	Mr. Laltlankima	Webinar on '1 st International (Virtual) Symposium on Geoethics'	IAPG, Indian Chapter; NIDM & Amity University, Haryana	14 th June 2020 (One day)	Internati onal
20.	Mr. Laltlankima	Webinar on 'Disaster Risk Reduction with Special Reference to Earthquake, Flood, Landslide, Fire and other emergent Hazards'	Department of Social Work, Rajiv Gandhi University, Arunachal Pradesh, India	19 th June 2020 (One day)	National

21.	Mr. Laltlankima	Virtual International Workshop on 'Unconventional Resources: Shale Gas & CBM Exploration and Exploitation	Department of Petroleum Engineering and Earth Sciences, Dehradun & Dept. of Geoscience, Univ of Texas, USA	25 th to 26 th June 2020 (Two days)	International
22.	Dr. C. Zoramthara	e-Training on 'Refresher Course on Marine Geoscience'	TC Division, GSITI, Hyderabad	24 th to 29 th June, 2020 (6 days)	National

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

Sl.No	Topic	Funded by	Collaborations
1.	'International workshop on Tectonics and its implications with special reference to Indo-Burma Range'.	MISTIC, Dept. of Science and Technology, DM&R, H&TE, Govt. of Mizoram.	George Mason University, New York, Radford University, Virginia, USA. Geological Survey of India and Pachhunga University College, Mizoram.

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

Classification, Mapping And Structural Analysis Of Mass Wasting Activities In Parts Of The Northern Flanks Of Aizawl Anticline, Mizoram, India funded by Department of Science & Technology, Government of Mizoram. ₹ 1,80,000.00 (Rupees One lakh Eighty Thousand Only)

P.I. – Dr. C. Zoramthara

Co- P.I. – Dr. C. Lalremruatfela

17. Recognised Research Centre /facility: N.A.

18. Number of Faculty as members in

a) University:

- Dr. C. Zoramthara and Dr. C. Lalmuankimi, members of moderation board.
- Dr. C. Zoramthara; member of the Board of Studies of Dept. of Geology for a period of three years with effect from 28th September, 2019

b) State: N.A.

c) Regional: N.A.

d) National committees: N.A.

e) **International Committees:** Dr. C. Lalmuankimi; member of the American Geophysical Union (AGU) on 26th July, 2019.

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. C. Zoramthara	Risk analysis and community based Disaster management plan of Sateek Village, Aizawl District, Mizoram, India	2019	Senhri Journal of Multidisciplinary Studies. Vol-4, No-1, p. 11-20	2456-3757
2.	Laltlankima	Landslide hazard zonation mapping of selected part of Aibawk RD block, Mizoram using remote sensing and GIS technique	November, 2019	Natural resource management for development for sustainable development	81-7019-654-2

		Landslide hazard zonation along Phulmawi village and Tlungvel village road in Thingsulthliah rural development block, Aizawl district	November, 2019	Natural resource management for development for sustainable development	81-7019-654-2
		Water security plan for Thingsai village, Lunglei district of Mizoram	November, 2019	Natural resource management for development for sustainable development	81-7019-654-2
		Landslide hazard zonation along world bank road within Aibawk Block, Mizoram India using geospatial Technique	June 2020	International Journal of Research and E-Analytical Reviews (IJRAR)	E-ISSN 2348-P-ISSN 1269 2349-5138
		Geological Investigation for Landslide management :Keifang Quarry Area, Mizoram	June 2020	Journal of Emerging Technologies and Innovative Research	2349-5162

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) Visit of Geology Laboratory, Mizoram University for 5th Semester students on 15th October 2019

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books: 507

b. Journals:

c. E-Books and E Journals:

d. Any other:

24. Any other relevant information (reports):

- 1) Dr. C. Lalmuankimi performed her duty as an external Practical examiner for B.Sc. V semester 2019 during 21st October 2019 to 1st November 2019 at Lunglei Govt. College.
- 2) Invited lecture: 29th July, 2019, Dr. J. Malsawma, Assistant Professor, MZU gave lecture on various scopes and career opportunities in Geology for Core students.
- 3) Dr. C. Zoramthara and Mr. C. Lalremruatfela Programme Officers, NSS and members of the Cleanliness committee organized “Mass Cleaning of College Campus” on 15th July 2019.
- 4) Dr. C. Zoramthara and Mr. C. Lalremruatfela Programme Officers, NSS and members of Eco-Club GZRSC organized “Green Mizoram Programme at Durtlang campus” on 26th July, 2019.
- 5) Dr. C. Zoramthara and Mr. C. Lalremruatfela Programme Officers, NSS and members of Eco-Club GZRSC participated in “Single use plastic free drive in and around college campus” on 11th July, 2019.
- 6) Dr. C. Zoramthara and Mr. C. Lalremruatfela Programme Officers, NSS GZRSC Unit organized “Orientation Programme for NSS volunteers” on 15th July 2019. Mr. C. Lalremruatfela chaired the event and Dr. C. Zoramthara was the resource person for the day.

- 7) Dr. C. Zoramthara, Mr. C. Lalremruatfela, P.O NSS GZRSC Unit organized Observance of Nutrition Month (POSHAN ABHIYAAN) on 18th September 2019.
- 8) Dr. C. Zoramthara was a convener in 'International workshop on Tectonics and its implications with special reference to Indo-Burma Range' during 17th to 18th January 2020.
- 9) Dr. C. Lalmuankimi and Mr. Laltlankima were Co-coordinators in 'International workshop on Tectonics and its implications with special reference to Indo-Burma Range' during 17th to 18th January 2020.
- 10) Dr. C. Zoramthara and Dr. C. Lalremruatfela Programme Officers, NSS GZRSC Unit and members of Cleanliness Committee organized "Mass Cleanliness Drive" at College campus on 16th January 2020.
- 11) Dr. C. Zoramthara and Dr. C. Lalremruatfela Programme Officers, NSS GZRSC Unit organized "Blood Donation Camp" on 28th January 2020 at College Auditorium.
- 12) Dr. C. Zoramthara (HOD) was requisitioned as CoVID-19 Incharge Officer to discharge the duty of preventive and containment measures against the spread of Corona Virus (CoVID-19) in Mizoram.

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 : Mrs. Lalrinngheti Ralte
 b) Phone No (Official) : 9436159575
 c) Email : Lalrinnghetijofi@gmail.com

4. Brief Introduction of the Department (maximum 200 words): The initiation of Home Science studies was recommended by Mrs Chapman, a pioneer missionary. After Mrs Lalziki Sailo took over from Mrs Chapman the department had been functioning with Arts departments under Zirtiri Women College. After amalgamation, it came under Govt, Zirtiri Residential Science College for which the requirements was inter-science.

B.sc Home Science is an under-graduate Home Science professional course. The degree course mainly comprise of the study of major topics of Home Science like Fundamentals of Food and Nutrition, Resource Management, Human Development, Fabrics and Apparel Science. In other words, 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. The duration of the course is three years and the syllabus for the course is divided into six semesters.

At present, the department is functioning with 12 faculty members with different disciplines, one laboratory assistant and one laboratory bearer. The department also has two laboratories which is not sufficient for different subjects. Family resource management and Food and Nutrition share their practical in one room and Clothing and Textiles and Chemistry share their practical in one room.

5. Teaching Faculties in the department:

Sl.No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Lalrinngheti Ralte	Associate Professor	M.A	Extension Education	32
2	Lalsangliani Khawlhring	Associate Professor	M.Sc	Family Resource Management	34
3	Lalsangkimi Hmar	Associate Professor	M.Sc	Human Development	31
4	Lalthanpuui Ralte	Associate Professor	M.Sc,LL.B	Human Development	30
5	Lalhmingliani Hlondo	Associate Professor	M.Sc, (Ph.D on-going)	Human Development	29
6	C.Lalramdina	Associate Professor	M.Sc	Zoology	27
7	C. Zarzokimi	Associate Professor	M.Sc	Zoology	22
8	Vanlallawmi	Associate Professor	M.Sc	Family Resource Management	22
9	Lalrammawii	Associate Professor	M.Sc	Food & Nutrition	22
10	Mimi Lalmuanawmi	Assistant Professor	M.Sc, NET	Clothing & Textiles	9
11	Maria Lalhmingmawii	Assistant Professor	M.Sc, NET	Food & Nutrition	15
12	Rebecca Lalnuntluangi	Assistant Professor	M.Sc	Clothing & Textiles	8

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	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:

	Subject Code	Subject Name	Credit
English -I	Foundation Course		5
I Sem	HS-101	Introduction to Family Resource Management	4
	HS-102	Practical for HS-101	2
	HS-103	Chemistry	4
	HS-104	Practical for HS-103	2
	HS-105	Textiles	4
	HS-106	Practical for HS-105	2
English-II	Foundation Course		
II Sem	HS-201	Introduction to Nutrition	4
	HS-202	Practical for HS-201	2
	HS-203	Biochemistry	4
	HS-204	Practical for HS-203	2
	HS-205	Extension Education	4
	HS-206	Practical for HS-205	2
	Foundation Course		
III Sem	HS-301	Extension Education & Communication	4
	HS-302	Practical for HS-301	2
	HS-303	Physiology	4
	HS-304	Practical for HS-303	2
	HS-305	Household Equipment & Consumer Education	4
	HS-306	Practical for HS-305	2
IV Sem	Foundation Course		
	HS-401	Human Development-Childhood	4
	HS-402	Practical for HS-401	2
	HS-403	Clothing & Textiles	4
	HS-404	Practical for HS-403	2
	HS-405	Nutrition for the Family	4
	HS-406	Practical for HS-405	2
V Sem	HS-501	Family and Child Welfare	4
	HS-502	Practical for HS-501	2
	HS-503	Early Childhood Education	4
	HS-504	Practical for HS-503	2
	HS-505	Garment Design	4
	HS-506	Practical for HS-505	2
	OPTIONAL PAPERS		
	HS-507	Dietetics	4
	HS-508	Practical for HS-507	2
	HS-509	Food Processing & Preservation Technology	4
	HS-510	Practical for HS -509	2
		TOTAL	24

VI Sem	HS-601	Child Psychology	4
	HS-602	Practical for Hs-601	2
	HS-603	Human Development	4
	HS-604	Practical for HS-603	2
	HS-605	Housing & Interior Space Management	4
	HS-606	Practical for HS-605	2
	OPTIONAL PAPERS		
	HS-607	Community Development	4
	HS-608	Practical for HS-607	2
	HS-609	Management & Practices of Extension Education	4
	HS-610	Practical for Hs-609	2
		TOTAL	24
Entire Programme		TOTAL	140

8. Students Particulars:

Sl.No	Semester	Applications received 2019-20	Selected 2019-20	Enrolled		Pass percentage
				M	F	
1	I Semester	25	20	Nil	20	70
2	II Semester	20	20	1	19	
3	III Semester	20	20	1	19	68.18
4	IV Semester	25	25	Nil	25	
5	V Semester	25	25	Nil	25	88.89
6	VI Semester	10	10	Nil	10	

9. Student - Teacher Ratio: 1:5

10. Annual Average Attendance Percentage of the Student: 80 per cent

11. Study tour conducted under year of report:

1. Study trip/outreach Programme-Observation of a Pre-School Centre on 6th Aug 2019 by 5th Semester.
2. Visit to Motherless Baby's Home on 13th Aug 2019 by 5th Semester
3. Visit to Ephatha Special School at Vaivakawn on 26th August 2019
4. Study trip- Visit and Observation of Patients at Synod Hospital, Durtlang on 18th Sept 2019
5. Study tour/field trip was conducted to visit Silchar and surroundings on 10th Oct-11th Oct, 2019

12. Awards / Recognitions received by faculty and students: Vanlaldanhluui was awarded the Pi Lalziki award Rs.5,000/-

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	Lalrinngheti Ralte	International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		Observation of Constitution Day	Socio-Cultural & Debating Committee, GZRSC	5 th Feb 2020	College
		Preparation of Under Graduate Question Bank	MZU	1 st -30 th May 2020	Univ/ College

		Impact of Covid-19 on Teaching Learning Process: Challenges & Solutions	Rajendra Academy for Teachers' Education, Univ of Burdwan	30 th June 2020	International
		Managing Emotion and self-care in times of uncertainty	Dept of Clinical Psychology, MZU	30 th June 2020	University
2	Lalsangliani Khawlhing	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College
		State Level Workshop on Plagiarism	IPR Committee & MISTIC, Dept of Sc & Tech, Gov't of Mizoram	17 th Oct 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		Observation of Constitution Day	Socio-Cultural & Debating Committee, GZRSC	5 th Feb 2020	College
		Preparation of Under Graduate Question Bank	MZU	1 st -30 th May 2020	Univ/ College
3	Lalsangkimi Hmar	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	National
		One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		Organizing member of Personality Development Programme 2020 for final year students	Student Support Committee, GZRSC	19-23 rd June 2020	College
4	Lalthanpuui Ralte	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College
		One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		Judge in Observation of World Ozone Day cum Debate on Ozone Healing	Eco-club, GZRSC & Mizoram Pollution Control Board	16 th Sept 2019	College
		State Level Workshop on Plagiarism	IPR Committee & MISTIC, Dept of Sc & Tech, Gov't of Mizoram	17 th Oct 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International

		Organizing member in Observation of Constitution Day	Socio-Cultural & Debating Committee, GZRSC	5 th Feb 2020	College
		Documentation for Data verification & Validation (DVV)&Peer Team Visit(PTV)NAAC	IQAC, Mahatma Phule Mahavidhyalaya, Kingaon	15 th June 2020	National
		Webinar on Gender implications on Covid-19 Pandemic, A way Ahead	Dept of Clinical Psychology, MZU	17 th June 2020	University
		Organizing member of Personality Development Programme 2020 for final year students	Student Support Committee, GZRSC	19-23 rd June 2020	College
		Impact of Pandemic on Women and Girls	Dept of Eng&Edu, Netaji Subash Chandra Bose gov't Girls PG College, Alliganj, Lucknow	19 th June 2020	International
		Covid-19 and Indian Economy : Issues & Challenges	PG Dept of Commerce&Management, Danesh Girls College, Punjab	20 th June 2020	National
		Intellectual Property Rights	IQAC, Maniben M.P Shah Mahila Arts College, Kadi	21 st June 2020	National
		Webinar on Why is Emotional Intelligence Important	Dept of Psy, Najath Arts & Sc College, Mannarkad	20 th June 2020	National
		Webinar on Managing Stress & Relationships during Covid-19 Pandemic	Dept of Psychology, MZU	22 nd June 2020	University
		Five Day online FDP on Gateway To Innovation	IQAC, Srimati Indira Mahadev, Shriman Chandulal Sheth College, Ratnagiri	26 th June 2020	International
		E-Seminar on Impact of Covid-19 on Intellectual Health of youngsters its Remedial Measures & Use of ICT	Shankarlal Agarwal Sc College, Gondia, Maharashtra	27 th June 2020	International
		Impact of Covid-19 Pandemic in India	Ranvir Rananjay PG College, Amethi(UP)	29 th June 2020	International
		Gender Issues & Impact of Covid-19 on Women	UGC Women's Studies Centre, MZU	30 th June 2020	National
		Impact of Covid-19 on Teaching Learning Process: Challenges & Solutions	Rajendra Academy for Teacher's Education, Burbuan	30 th June 2020	International
		Managing Emotions & Self-care in times of Uncertainty	Dept of Clinical Psychology, MZU	30 th June 2020	University
5	Lalhmingliani Hlondo	2) National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College

		One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		State Level Workshop on Copyright	Research & Seminar Committee, Dept of Geology, GZRSC	16 th Oct 2019	State
		State Level Workshop on Plagiarism	IPR Committee & MISTIC, Dept of Sc & Tech, Gov't of Mizoram	17 th Oct 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		Webinar on Gender implications on Covid-19 Pandemic, A way Ahead	Dept of Clinical Psychology, MZU	17 th June 2020	University
		Managing Emotions & Self-care in times of Uncertainty	Dept of Clinical Psychology, MZU	30 th June 2020	University
6	C.Lalramdina	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College
		One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		E-content Development	IQAC, GZRSC	10 th Feb 2020	College
7	C. Zarzokimi	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College
		One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		Training Officers, Red Ribbon Club	MSACS	26 th Sept 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
8	Vanlallawmi	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
9	Lalrammawii	One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		State Level Workshop on Copyright	Research & Seminar Committee, Dept of Geology, GZRSC	16 th Oct 2019	State

		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		Women in Science on the occasion of National Science Day 2020	GZRSC & Mizoram Sc, Tech & Innovation Council	28 th Feb, 2020	College
10	Mimi Lalmuanawm i	National Level Short Course Training on Research Methodology	Research Committee and IQAC, GZRSC, Dept of Psychology MZU	12-17 th August, 2019	College
		One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		State Level Workshop on Plagiarism	IPR Committee & MISTIC, Dept of Sc & Tech, Gov't of Mizoram	17 th Oct 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International
		Nutrition & Malnutrition	Jivan Foundation	11 th June 2020	National
		Recent trends in food processing	Dept of Biotechnology, Sc of Life Sc, Vels Ins of Sc, Chennai in Asso with National Council of Vocational & Research & Training, New Delhi	12 th June 2020	National
		Five days FDP on Gateway to Innovation	IQAC, Srimati Indira Mahadev, Shriman Chandulal Sheth College, Ratnagiri	22-26 June 2020	International
11	Maria Lalhmingma wii	National Level Short Course Training on Research Methodology	IQAC, GZRSC, Dept of Psychology, MZU	12-17 th Aug 2019	College
		State Level Workshop on Copyright	Research & Seminar Committee, Dept of Geology, GZRSC	16 th Oct 2019	State
		State Level Workshop on Plagiarism	IPR Committee & MISTIC, Dept of Sc & Tech, Gov't of Mizoram	17 th Oct 2019	State
		One day Workshop to prepare Scheme of Examination & Question Design for Home Science for HSS	MBSE, Chaltlang	5 th Dec 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research & Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International

		One Day National Level Workshop on Making E-Lecture Vibrant & Interactive	IQAC, Dept of Computer Sc & I.T,R.G College, Navi Mumbai	23 rd May 2020	National
		International Webinar on Advances in Research Methodology	Research& Development Cell, RJS IMRF	27-29 th May 2020	International
		Seven Days Faculty Development Programme	Dept of Biochemistry, Auxilium College, Vellore, IIT Mumbai	25-31 st May 2020	National
		Academic Integrity and Quality Measuring Tools in Research & Publication	Dr. Balkrishna Information& Knowledge Resource Centre& IQAC, Rajaram College, Kolhapur	31 st May 2020	National
		Environment & Sustainable Development	NSS& Red Cross Youth Wing, Vidyavardhaka College of Engineering, Mysore	5 th June 2020	National
		Intellectual Property Rights and It's Challenges	Library in collaboration with Internal Quality Assurance Cell(IQAC)of Mahatma Phule Mahavidya, Kingaon	11 th June 2020	National
		Seven days online FDP on Research Methodology & Statistical Data Analysis through SPSS	Faculty of Management Studies, ICFAI University, Tripura	22-28 th June 2020	National
		Impact of Covid-19 on Teaching Learning Process: Challenges & Solutions	Rajendra Academy for Teachers' Education, Univ of Burdwan	30 th June 2020	International
12	Rebecca Lalnuntluangi	One day Workshop on NAAC Awareness Programme	IQAC & Research Committee, GZRSC	25 th Sept 2019	College
		State Level Workshop on Plagiarism	IPR Committee & MISTIC, Dept of Sc & Tech, Gov't of Mizoram	17 th Oct 2019	State
		International Workshop on Tectonic & its implications with Special reference to Indo-Burma Range	Research& Seminar Committee, Dept of Geology, GZRSC	17-18 th Jan 2020	International

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

Sl.No	Topic	Funded by	Collaborations
	Nil	Nil	Nil

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 7

b) State: 2

c) Regional: 1

d) National committees: Nil

e) International Committees: Nil

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	Maria Lalhmingmawii	A study on Food Taboos that prevails among the tribal women within Aizawl District, Mizoram, India	08-06-2020	JETIR	2349-5162

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:

1. Contribution of Rs.10500/- by Home science Department faculty and students donated to Shalom Special Children School, Serchhip for their Mid-Day Meal on 11th July 2019.

2. Due to the onset of Covid -19 Pandemic, the Department was involved in stitching a good number of protective mask which was donated to the DM&R deptt, for which they were given certificate of appreciation.

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books:

b. Journals: 2

c. E-Books and E Journals:

d. Any other:

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):

The Department of Mathematics was established in the year 2000 in GZRSC. Mathematics subject has been offered as a Core subject since its introduction. The number of teachers at the time of establishment was four (4), viz. Dr. P.C. Pandey, Dr. Urmila Pandey, Mr. L.B. Singh and Mrs. Parijat Kumar. Dr R. Lalawmpuii joined as a part-time teacher in 2007 and continued her service till 2012. She later joined as a contract teacher in 2015 and was given appointment as regular teacher in 2018. Mr. Lalhmangaihzualla joined as a part-time teacher in 2012 and was then engaged as a contract teacher in 2017. Mr. Lalngaihawma joined as a contract teacher in 2017. Mr. David Rosangliana joined the department from Govt. Serchhip College on November, 2019. Mr. Lalngaihawma left the department on transfer and joined Govt. Kolasib College on November, 2019.

Some of the recent successes made and the awards received by faculty members and students are

- Zathuama got 1st position in the University Examination 2013.
- V. L. Muankimi Hrahsel got 2nd position in University Examination 2014.
- Rita Kumari Katwal got 3rd position in the University Examination 2014.
- Sudha got 6th position in the University Examination 2014.
- F. Lalramluahpuia got 8th position in the University Examination 2014.
- Zothangpuia got 10th position in the University Examination 2014.
- Dr. R Lalawmpuii, Assistant professor got a Ph. D degree in 2014.
- Mohan Kumari Katwal got 5th position in the University Examination 2015.
- T. Zothansanga got 6th position in the University Examination 2015.
- Dr. Lalhmangaihzualla, Assistant professor got a Ph. D degree in 2015.
- Mohan Khatri got 3rd Position in University examination in 2016.
- Raphael Lalchhanchhuaha got 10th Position in University examination in 2016.
- C. Zoramawia got 2nd position in University examination in 2017.
- Lallungkhama got 4th position in University examination in 2017.
- Lallianmawii got 7th Position in University examination in 2017.

5. Teaching Faculties in the department:

Sl.No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Leishangthem Budha Singh	Associate Professor	M.Sc	Magneto Hydro Dynamics & Plasma Physics	23 years
2	Parijat Kumar	Associate Professor	M.Sc	Real Analysis, Algebra	23 years
3	Dr R. Lalawmpuii	Assistant Professor	Ph.D	Mathematical Modelling	13 years
4	Dr. Lalhmangaihzualla	Assistant Professor (Contract)	Ph.D	Dynamical system	9 years
5	C. Lalngaihawma	Assistant	M.Sc	Calculus, Differential	3 years

	(Left The College On Transfer To Govt Kolasib College On November, 2019)	Professor (Contract)		Equations	
6	David Rosangliana	Assistant Professor	M.Sc	Data Analysis	12 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					1	1
Assistant Professor	1	1	1				2	1
Lab Assistant								
Lab Attendant								

7. Details of the Courses conducted by the department:

SEMESTER	COURSE/PAPER No	PAPER NAME	CREDIT
I Semester	MATH/1/CC/111	Calculus	6
II Semester	MATH/2/CC/121	Algebra	6
III Semester	MATH/3/CC/231	Differential Calculus	6
IV Semester	MATH/4/CC/241	Vector Calculus & Solid Geometry	6
V Semester	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/ B	Probability Theory	6
VI Semester	MATH/6/CC/361	Modern Algebra	6
	MATH/6/CC/362	Advanced 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 2019-20	Selected 2019-20	Passed	Fail	Pass percentage
1	I Semester		75	21	54	28
2	II Semester		75	Exam not yet conducted		
3	III Semester		55	34	21	61.81
4	IV Semester		55	Exam not yet conducted		
5	V Semester		17	10	7	58
6	VI Semester		17	Exam not yet conducted		

9. Student – Teacher Ratio: 30:1

10. Annual Average Attendance Percentage of the Student:

11. Study tour conducted under year of report:

12. Awards / Recognitions received by faculty and students:

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:

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Level
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1	L B Singh	National Level Short Course on Research Methodology	Research and Seminar Committee, GZRSC	1 week (12 th to 17 th August, 2019)	National
		One day workshop on NAAC Awareness Programme	Research and Seminar Committee, GZRSC	25 th Sept, 2019	College
		State Level Workshop on Plagiarism	IPR committee, GZRSC and MISTIC, Dept of Sc and Tech, Govt of Mizoram	17 th Oct, 2019	State
		International Workshop on Tectonic and its implications with special reference to Indo-Burma Range	Research and Seminar Committee and Department of Geology, GZRSC	17 th – 18 th January, 2020	International
		National Science Day Celebration, 2020	GZRSC and MISTIC	1 day 28 th February	State
2	Parijat Kumar	One day workshop on NAAC Awareness Programme	Research and Seminar Committee, GZRSC	25 th Sept, 2019	College
		International Workshop on Tectonic and its implications with special reference to Indo-Burma Range	Research and Seminar Committee and Department of Geology, GZRSC	17 th – 18 th January, 2020	International
3	Dr R. Lalawmpuii	Workshop on quantum science and Technology	Pachhunga University College	3 days (29 th – 31 st July, 2019)	National
		National Level Short Course on Research Methodology	Research and Seminar Committee, GZRSC	1 week (12 th to 17 th August, 2019)	National
		One day workshop on NAAC Awareness Programme	Research and Seminar Committee, GZRSC	25 th Sept, 2019	College
		Refresher Course	HRDC, MZU	3 weeks (9 th – 22 nd OCT)	National
		Managing Stress And Relationships During Covid-19 Pandemic	Department of Psychology	22 nd June, 2020	National
		International Workshop on Tectonic and its implications with special reference to Indo-Burma Range	Research and Seminar Committee and Department of Geology, GZRSC	17 th – 18 th January, 2020	International
		Webinar on Mathematical Applications on Differential Equations	Dept of Mathematics, CR Reddy College	26 th June, 2020	National
		Webinar on Gender Implications of Covid 19 pandemic: A way Ahead	Dept of Psychology, MZU	17 th June, 2020	National
4	Dr Lalmangaihualala	National Level Short Course on Research Methodology	Research and Seminar Committee, GZRSC	1 week (12 th to 17 th August, 2019)	National
		One day workshop on NAAC Awareness Programme	Research and Seminar Committee, GZRSC	25 th Sept, 2019	College

		State Level Workshop on Copyright	IPR committee, GZRSC and MISTIC, Dept of Sc and Tech, Govt of Mizoram	17 th Oct, 2019	State
		International Workshop on Tectonic and its implications with special reference to Indo-Burma Range	Research and Seminar Committee and Department of Geology, GZRSC	17 th – 18 th January, 2020	International
		Workshop on E-Content Development	IQAC, GZRSC	10 th February	College
		National Science Day Celebration, 2020	GZRSC and MISTIC	1 day 28 th February	State
		Webinar on “Mathematical Modelling of Infectious diseases: Its Relevance in time of Covid” and “Binary Recurrence sequences and its Arithmetic”	Webinar conducted by Department of Mathematics and Computer Science, MZU	11 th June, 2020	National
		Webinar on Technological and pedagogical innovations through STEAM education to foster creativities in a digital era	Webinar conducted by Department of Mathematics and Computer Science, MZU	11 th June, 2020	National
5	David Rosangliana (joined the college from Govt Serchhip College on November 2019)	International Workshop on Tectonic and its implications with special reference to Indo-Burma Range	Research and Seminar Committee and Department of Geology, GZRSC	17 th – 18 th January, 2020	International
		Webinar on “Mathematical Modelling of Infectious diseases: Its Relevance in time of Covid” and “Binary Recurrence sequences and its Arithmetic”	Webinar conducted by Department of Mathematics and Computer Science, MZU	11 th June, 2020	National
		Webinar on Technological and pedagogical innovations through STEAM education to foster creativities in a digital era	Webinar conducted by Department of Mathematics and Computer Science, MZU	11 th June, 2020	National
6	C. Lalngaihawma (transferred to Govt. Kolasib College on November 2019)	National Level Short Course on Research Methodology	Research and Seminar Committee, GZRSC	1 week (12 th to 17 th August, 2019)	National
		One day workshop on NAAC Awareness Programme	Research and Seminar Committee, GZRSC	25 th Sept, 2019	College
		Organising member in Observation of World Ozone day 2019 cum Debate on Ozone Healing	Eco Club, GZRSC and Mizoram State Pollution Control Board	16 th Sept, 2019	State I
		State Level Workshop on Plagiarism	IPR committee, GZRSC and MISTIC, Dept of Sc and Tech, Govt of Mizoram	17 th Oct, 2019	State

		State Level Workshop on Copyright	IPR committee, GZRSC and MISTIC, Dept of Sc and Tech, Govt of Mizoram	17 th Oct, 2019	State
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15. Details of conference/Seminar organized by the department:

Sl.No	Topic	Funded by	Collaborations

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

17. Recognised Research Centre /facility:

18. Number of Faculty as members in

- a) **University:** Leishangthem Budha Singh, member in BOS.
- b) **State:**
- c) **Regional:**
- 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/Publication details	ISSN No
1	David Rosangliana	Gross Enrolment Ratio prediction using Artificial Neural Network	5 January 2020	International Journal of Recent Technology and Engineering (IJRTE) volume -8 Issue -5(p 5006-5011)	2277-3878
		Status and Perspective of college Teachers of Aizawl in Research Publications	2019	Contemporary Psycho-social issues-1 Chapter 2 (p 21-29) Published by MZU Psychology Alumni Association	ISBN-978-93-89490-00-8

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:**
- b. **Journals:**
- c. **E-Books and E Journals:**
- d. **Any other:**

24. Any other relevant information (reports):

Two professors went to MZU for consideration of syllabus for the Under Graduate courses as per new UGC LOCF (Learning Outcome Based Curriculum Framework) on 27th September, 2019.

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) : 7005858362 / 9862373681
 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 no 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 100 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 once we move to the new college campus at Durtlang.

5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Years of Experience
1	Dr. Arup Kumar	Associate. Professor	M.Sc., Ph.D.	Astrophysics	29
2	Mr. M.I. Singh	Associate. Professor	M.Sc.	Electronics	28
3	Dr. Rosangliana	Associate. Professor	M.Sc., Ph.D.	Nuclear Physics	22
4	Dr. Lawrence Zonunmawia Chhangte	Associate. Professor	M.Sc., Ph.D.	Solid State Physics	20
5	Mr. Remlalsiama	Associate. Professor	M.Sc. Ph.D.(on-going)	High Energy Physics	20

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	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:

Semester	Course No.	Name of Paper	Credit
1 st	PHY/I/EC/01	Properties of Matter, Oscillation and Acoustics	4
	PHY/I/EC/02	Laboratory - I	2
2 nd	PHY/II/EC/03	Thermodynamics & Mathematical Physics - I	4
	PHY/II/EC/04	Laboratory-II	2
3 rd	PHY/III/EC/05	Electromagnetism & Optics	4
	PHY/III/EC/06	Laboratory - III	2

4 th	PHY/IV/EC/07	Atomic, Nuclear Physics - I and Solid State Physics - I	4
	PHY/IV/EC/08	Laboratory - IV	2
5 th	PHY/V/CC/09	Mathematical Physics - II	4
	PHY/V/CC/10	Electronics - I	4
	PHY/V/CC/11	Classical Mechanics and Nuclear Phys - II	4
	PHY/V/CC/12	Laboratory - V	2
	PHY/V/CC/13	Laboratory - VI	2
	PHY/V/CC/14	Laboratory - VII	2
	EL/V/CC/15(a) EL/V/CC/15(b)	Optional I (<i>any one</i>) Atomic and Molecular Spectroscopy C Language and Numerical Methods	4
	PHY/V/CC/16	Laboratory - VIII	2
6 th	PHY/V/CC/17	Quantum Mechanics	4
	PHY/V/CC/18	Electromagnetic Theory	4
	PHY/V/CC/19	Thermal and Statistical Physics	4
	PHY/V/CC/20	Laboratory - IX	2
	PHY/V/CC/21	Laboratory - X	2
	PHY/V/CC/22	Laboratory - XI	2
	PHY/V/CC/23(a) PHY/V/CC/23(b)	Optional II (<i>any one</i>) Solid State Physics – II Electronics - II	4
	PHY/V/CC/24	Laboratory – XII/Project	2
			72

8. Students Particulars:

Sl.No	Semester	Applications received 2020-21	Selected 2020-21	Enrolled		Pass percentage
				M	F	
1	I Semester	98	54	22	20	78
2	II Semester		78			79
3	III Semester		66			66
4	IV Semester		57			72
5	V Semester		16			88
6	VI Semester		16			89

9. Student - Teacher Ratio: 20: 1

10. Annual Average Attendance Percentage of the Student: 99

11. Study tour conducted under year of report: Nil

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

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

Dr. Lawrence Zonunmawia Chhange, Associate Professor was awarded Ph.D degree (Doctor of Philosophy) from Department of Physics, Mizoram University on 28th June, 2019. The title of his thesis is “Analysis of Radon and Thoron in dwellings with special reference to Saiha & Lawngtlai Districts of Mizoram”

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. Arup Kumar	International Workshop on Tectonic and its implications with special reference to Indo-Burma Range.	Research & Seminar Committee Deptt. of Geology, GZRSC	17-18, Jan, 2020.	International
2	Mr. M. I. Singh	International Workshop on Tectonic and its implications with special reference to Indo-Burma Range.	Research & Seminar Committee Deptt. of Geology, GZRSC	17-18, Jan, 2020.	International
3	Dr. Rosangliana	International Workshop on Tectonic and its implications with special reference to Indo-Burma Range.	Research & Seminar Committee Deptt. of Geology, GZRSC	17-18, Jan, 2020.	International
4	Dr. Lawrence Zonunmawia Chhangte	Workshop on Quantum Science and Technology	Pachhunga University College. Funded by DST, Govt. of India	29 th – 31 th July 2019	National
		Short Course Training on Research Methodology	Research & Seminar Committee & IQAC GZRSC in collaboration with Dept. of Psychology, MZU	12 th – 17 th August 2019	National
		One Day Workshop on NAAC Awareness Programme (Organising Member)	IQAC and Research & Seminar Committee, GZRSC	25 th , September 2019	College
		Workshop on Copyright	IPR Committee GZRSC and MISTIC Deptt. of Science & Technology, GOM.	16 th Oct 2019	State
		Oral Presentation on 'Annual Inhalation Dose of Indoor Radon and Thoron in Mizoram India' in National Conference on Emerging Trends in Environmental Research (NACETER-2019)	Deptt. of Environmental Science PUC.	31 st Oct – 2nd Nov 2019.	National
		Training on Capacity Building of Leadership and Personality Development through Life Skill	Regional Directorate of NSS, Guwahati & State NSS Cell Mizoram	2 to 6 th Dec 2019.	Regional
		International Workshop on Tectonic and its implications with special reference to Indo-Burma Range.	Research & Seminar Committee Deptt. of Geology, GZRSC	17-18, Jan, 2020.	International
		Oral Presentation on the topic 'A study of indoor radon thoron and their progeny concentration measurement in Mizoram India'	53 rd Half-Yearly Meeting of Health Physics Society, Bethesda, Maryland, USA	26-29, Jan, 2020	International
		One day Workshop on E-Content Development (Organising Member)	IQAC, GZRSC	10 th Feb 2020	College
		Sensitization Programme on NAAC's Accreditation & Assessment Process	IQAC PUC	27 th Feb 2020	National

	Seminar on Women in Science on National Science Day 2020	GZRSC & Mizoram Science Technology and Innovation Council, GOM	28 th Feb 2020	State
	One week Online Faculty Development Programme on LaTeX.	Deptt. of Information Technology MZU & IIT Bombay.	29 June – 3 rd July 2020	National
	Academic Integrity and Quality Measuring Tools in Research and Publication (Webinar)	IQAC Rajaram College and Dr. Balkrishna Information and Knowledge Resource Centre, Maharashtra	31 st March, 2020	National
	An overview on the degradation of emerging micro-pollutants by Ferrate(VI) treatment & Issues in microplastics research: Focusing on analytic methods (Webinar)	Department of Chemistry, MZU	20 th May 2020	National
	Artificial Intelligence & Cloud Technology (Webinar)	Deptt. Of Information Technology, MZU	28 th May 2020	National
	Online Faculty Development Program on training on Cell Designer	Deptt. of Biochemistry, Auxilium College (Autonomous)Vellore & IIT Bombay	29 th April 2020	National
	Digital media for Learning and Teaching (Webinar)	Deptt. Of Physics, Sir Theagaraya College Chennai	8 th June 2020	National
	Documentation for Data Verification and Validation (DVV) and Peer Team Visit (PTV) NAAC (Webinar)	IQAC, Mahatma Phule Mahavidyalaya	15 th June 2020	National
	Environment and sustainable development (Webinar)	NSS & Red Cross Youth Wing, Vidyavardhaka College of Engineering, Mysuru	5 th June 2020	National
	Exam from Home: An alternative assessment and evaluation model in the wake of Covid-19 (Webinar)	Jawahar Arts, Science & Commerce College, Maharashtra	3 rd June 2020	National
	Futuristic Hard Disk Drive: Progress and Challenges from Media Development (Webinar)	Deptt. Of Physics, MZU	21 st July 2020	National
	Heart to Brain Communication: Impact of RF Radiation (Webinar)	Deptt. Of Electronics & Communication Engineering, MZU	26 th May 2020	National
	Impact of Covid-19 on Teaching Learning Process: Challenges and Solutions	Rajendra Academy of Teachers' Education, West Bengal	30 th June 2020	National
	Online One Day National Workshop on Making E-Lecture vibrant & Interactive	Deptt. of Computer Science & Information Technology, Rajiv Gandhi College of Arts, Commerce and Science, Maharashtra	23 rd May 2020	National
	4 Days National Level Faculty Development Program on	Nagindas Khandwala College,	4-7 th June 2020	National

		Managing in Difficult Times.	Maharashtra.		
		Mendeley Training Course	Elsevier	31 st May 2020	National
		Mendeley Training Course	Elsevier	7 th June 2020	National
		Microwave Antenna measurement Yesterday Today & Tomorrow and Design of antennas through simulation using TARANG:19.1 (Webinar)	Deptt. Of Electronics & Communication Engineering, MZU	18 th June 2020	National
		NAAC Assessment & Accreditation (A&A) for Affiliated Colleges (Webinar)	IQAC, Vinayakrao Patil Mahavidyalaya, Aurangabad	8-13 th June 2020	National
		Phased Array Antennas: Space applications and Challenges (Webinar)	Deptt. Of Electronics & Communication Engineering, MZU	17 th July 2020	National
		Power Quality Improvement Techniques (Webinar)	Dhaanish Ahmed College of Engineering, Chennai	29 th May 2020	National
		Rare-Earth doped nanomaterials for Light Emitting Display, Light Harvesting, Security Ink, Temperature Sensor and Biological Applications (Webinar)	Deptt. of Chemistry, MZU	8 th June 2020	National
		Recent Advances in Physics (Webinar)	Deptt of Physics & IQAC, Govt. College for Men, Kurnool	10 th June 2020	National
		Recent Development in 5G sub – 6GHz Antenna designs for Smartphone applications (Webinar)	Deptt. Of Electronics & Communication Engineering, MZU	9 th June 2020	National
		Research Publications and Citations: Perspective of a highly cited Researcher (Webinar)	Deptt. of Physics, MZU	16 th June 2020	National
		Science Communication & Analysis of Scientific Publications for Enhanced visibility (Webinar)	MZU (UGC Stride Program)	29 th May 2020	National
		An online 5-Days National Level Faculty Development Program on 'Skill Development for Effective Research & Teaching – Learning Process	Deptt. of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Science, Visakhapatnam	8-12 th June 2020	National
		Space Technology which have changed our lives & Application of Microwave (Webinar)	Deptt. Of Electronics & Communication Engineering, MZU	14 th July 2020	National
		Role of Channel state information in adaptation and resource allocation in next generation wireless system & Wide bandgap semiconductor: Past present and future (Webinar)	Deptt. Of Electronics & Communication Engineering, MZU	3 rd June 2020	National
5	Mr Remlalsama	Resource person for Awareness programme on Covid-19	GZRSC	16 march 2020	College
		Participated in State Level	GZRSC	16	College

		workshop on copyright		October 2019	
		Participated in workshop on e-content development	IQAC,GZRSC	10 February 2020	College
		Participated in workshop on women in Science	Women studies cell & Research & seminar committee, GZRSC	28 February 2020	College
		Participated in workshop on NAAC awareness	IQAC,GZRSC	25 September 2019	College
		Participated in workshop on ERPP		3 October 2019	College
		Participated in Conference on Emerging trends in Env't research	PUC	31-october -2 November 2019	College
		Short course training on research methodology	IQAC,GZRSC & research & seminar committee	12-18 August 2019	College
		International Workshop on Tectonic and its implications with special reference to Indo-Burma Range.	Research & Seminar Committee Deptt. of Geology, GZRSC	17-18, Jan, 2020.	International

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

Sl.No	Topic	Funded by	Collaborations

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

Online monitoring and modelling of radon exhalation in fault regions of Aizawl and Kolasib district of Northern Mizoram. DAE-BRNS, Govt of India, 35 lakhs

17. Recognised Research Centre /facility:

Radon mapping and Earthquake monitoring project using GeoStation since 2014 till date. DAE-BRNS project.

18. Number of Faculty as members in

a) University:

Dr. Arup Kumar: (i) Moderation Board, UG Studies in Physics, MZU

(ii) Board of Studies (BOS) in Physics, MZU

Dr. Rosangliana: Member, *Moderation Board in Electronics, Mizoram University*

Dr. Lawrence Zonunmawia Chhangte - (i) Moderation Board in Physics, MZU

(ii) Member, College Development Council, MZU

b) State:

Dr. Rosangliana : *Member, Academic and Administrative Audit for Quality improvement of Higher Education, H&TE Deptt., Govt of Mizoram*

c) Regional:

Dr. Arup Kumar: Physics Association of North East (P.A.N.E.) Life Member since 2012

Dr. Rosangliana: (i) *Executive Committee Member, Mizo Academy of Sciences*

(ii) Physics Association of North East (P.A.N.E.) Life Member

d) National committees:

Dr. Arup Kumar: (i) Indian Association of Physics Teachers (I.A.P.T.) Life Member
(ii) Indian Physical Society (I.P.S.) Life Member since 1997

Dr. Lawrence Zonunmawia Chhangte - 1) Indian Association of Physics Teachers Life Member

(2) Nuclear Track Society of India, Executive Member

e) International Committees:

Dr. Lawrence Zonunmawia Chhangte – Health Physics Society, Member.

f) Editorial Board: Nil

19. Details of Publications of Faculty [during 2019-2020]:

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN No
1	Dr. Lawrence Zonunmawia Chhangte	Determination of Radon Mass Exhalation Rate in the Region of Highest Lung Cancer Incidence in India.	2019	Radiation Environment and Medicine 2019 Vol.8, No.2, 113–117.	ISSN : 2423-9097 (PRINT), 2432-163X (ONLINE)
		Study of Indoor Radon/Thoron Concentration with respect to construction types of dwellings in Mizoram, India.	2019	Science and Technology Journal. Vol 6. Issue II, 44-46.	ISSN: 2321-3388.
		Seasonal Variation of Radon Concentration in Water Sources using Smart RnDuo.	2020	International Journal for Research in Applied Science & Engineering Technology (IJRASET). Volume 8 Issue VII July 2020, 95-100	ISSN: 2321-9653.
		Estimation of Radon Mass Exhalation Rate and Radium Content in Soil Samples Collected from Kolasib District of Mizoram, India.	2020	International Journal for Research in Applied Science & Engineering Technology (IJRASET). Volume 8 Issue VII July 2020, 793-798	ISSN: 2321-9653.
2	Remlalsiama	Determination of Radon Mass Exhalation Rate in the Region of Highest Lung Cancer Incidence in India.	2019	Radiation Environment and Medicine 2019 Vol.8, No.2, 113–117.	ISSN : 2423-9097 (PRINT), 2432-163X (ONLINE)

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: Nil

23. Library facilities: (Numbers only)

- a. Textbooks and Reference Books** : 452
- b. Journals** : Nil
- c. E-Books and E Journals** : 44
- d. Any other** : Nil

24. Any other relevant information (reports): One teaching staff pursue PhD Degree, registered in the Department of Physics, Mizoram University

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 : Caroline Zaihmingthangi
 b) Phone No (Official) : 9089932798
 c) Email : czaitei@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. The subject of zoology deals with topics right from the microscopic living beings (Viruses, bacteria protozoa) to multicellular organism upto mammals (Dinosaurs and human beings). As the study of Zoology is interesting and captivating, it attracts the students immensely. 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	28
2	Dr. Lalahawmi Chenkual	Associate Professor	M.Sc, Ph.D	Cytogenetics	25
3	S. Thangrimawii	Associate Professor	M.Sc	Entomology	24
4	H. Lalnunsangi	Associate Professor	M.Sc	Parasitology	23
5	Lalrinmawia	Associate Professor	M.Sc, DCA	Parasitic Helminthology	21
6	Sailopuii	Associate Professor	M.Sc	Entomology	20

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							1	5
Associate Professor	1	5						
Assistant Professor								
Lab Assistant								
Lab Attendant		1						1

7. Details of the Courses conducted by the department:

Semester	Course	Course code	Papers	Category	Credit	Continuous Assessment	End-semester	Total
I	English- I	ENG/I/EC/01	History of English	FC	5	25	75	100
	Core Subject 1	ZOO/I/EC/01	Biosystematics and Non- chordate Biology	Core	4	25	75	100
		ZOO/I/EC/02	Practical	Core	2	25	75	100
	Elective Subject 2	Chem	Course I - Theory	EC	4	25	75	100
			Course II - Practical	EC	2	25	75	100
	Elective Subject 3	Geol/Bot	Course I - Theory	EC	4	25	75	100
			Course II - Practical	EC	2	25	75	100
				Total	23	175	525	700

II	English- II	ENG/II/EC/02	History of English	FC	5	25	75	100
	Core Subject 1	ZOO/II/EC/03	Chordate Biology and Anatomy	Core	4	25	75	100
		ZOO/II/EC/04	Practical	Core	2	25	75	100
	Elective Subject 2	Chem	Course III - Theory	EC	4	25	75	100
			Course IV - Practical	EC	2	25	75	100
	Elective Subject 3	Geol/Bot	Course III- Theory	EC	4	25	75	100
			Course IV - Practical	EC	2	25	75	100
			Total		23	175	525	700
III	History of Science			FC	5	25	75	100
	Core Subject 1	ZOO/III/EC/05	Evolution and Ethology	Core	4	25	75	100
		ZOO/III/EC/06	Practical	Core	2	25	75	100
	Elective Subject 2	Chem	Course V - Theory	EC	4	25	75	100
			Course VI - Practical	EC	2	25	75	100
	Elective Subject 3	Geol/ Bot	Course V - Theory	EC	4	25	75	100
			Course VI - Practical	EC	2	25	75	100
			Total		23	175	525	700
IV	Environmental Studies			FC	5	25	75	100
	Core Subject 1	ZOO/IV/EC/07	Endocrinology and Reproduction Biology	Core	4	25	75	100
		ZOO/IV/EC/08	Course VIII - Practical	Core	2	25	75	100
	Core Subject 2	Chem	Course VII - Theory	EC	4	25	75	100
			Course VIII - Practical	EC	2	25	75	100
	Elective Subject 3	Geol/Bot	Course VII -Theory	EC	4	25	75	100
			Course VIII - Practical	EC	2	25	75	100
			Total		23	175	525	700
V	Major Core	ZOO/V/CC/09	Cell Biology	Core	4	25	75	100
		ZOO/V/CC/10	Practical	Core	2	25	75	100
	Major Core	ZOO/V/CC/11	Physiology	Core	4	25	75	100
		ZOO/V/CC/12	Practical	Core	2	25	75	100
	Major Core	ZOO/V/CC/13	Biochemistry	Core	4	25	75	100
		ZOO/V/CC/14	Practical	Core	2	25	75	100
	Major Core (Option A or B)	ZOO/V/CC/15(A)	Applied Zoology	Core	4	25	75	100
		ZOO/V/CC/16(A)	Practical	Core	2	25	75	100
		ZOO/V/CC/15(B)	Entomology	"	"	"	"	"
		ZOO/V/CC/16(B)	Practical	"	"	"	"	"
			Total		24	200	600	800
VI	Major Core	ZOO/VI/CC/17	Molecular Biology and Genetics	Core	4	25	75	100
		ZOO/VI/CC/18	Practical	Core	2	25	75	100
	Major Core	ZOO/VI/CC/19	Developmental Biology	Core	4	25	75	100
		ZOO/VI/CC/20	Practical	Core	2	25	75	100
	Major Core	ZOO/VI/CC/21	Parasitology and Immunology	Core	4	25	75	100
		ZOO/VI/CC/22	Practical	Core	2	25	75	100
	Major Core (Optional A or B)	ZOO/VI/CC/23(A)	Biotechnology and Bioinformatics	Core	4	25	75	100
		ZOO/VI/CC/24(A)	Practical	Core	2	25	75	100
		ZOO/VI/CC/23(B)	Ecology and Wildlife	"	"	"	"	"
		ZOO/VI/CC/24(B)	Practical	"	"	"	"	"
			Total		24	200	600	800
Entire Programme				Total	140	1100	3300	4400

8. Students Particulars:

Sl.No	Semester	Applications received 2019-20	Selected 2019-20	Enrolled		Pass Percentage
				M	F	
1	I Semester	250	130	57	73	NA
2	II Semester	106	106	55	51	83.9 %
3	III Semester	106	106	47	59	NA
4	IV Semester	86	86	37	49	100 %
5	V Semester	43	43	22	21	NA
6	VI Semester	31	31	18	13	100%

- 9. Student - Teacher Ratio** : 1:43
10. Annual Average Attendance Percentage of the Student : < 77 %
11. Study tour conducted under year of report : 1
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	Course/Title	Organized by	Duration /Date	Level
1	Dr. Lalzahawmi Chenkual	Participant in Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Organizing member in Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Paper Presented in International Conference on recent advance sciences in animal (ICRASS)	Association of Biotechnology and Pharmacy(ABAP) & Mizoram University (MZU)	6-8 November, 2019	International
		Participated in International Workshop on tectonics and its implications with special reference to Indo Burma range	Research & seminar committee & Department of Geology, GZRSC	17-18 January, 2020	International
		Attended State level workshop on copyright	IPR, MISTIC	16 oct, 2019	State
2	H. Lalnunsangi	Participant in Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Organizing member In Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
3	Lalrinmawia	Oral presentation on 'Hyblaea Pueri (Cramer) Lepidoptera hyblaeidae infestation on tectona grandis in Aizawl District, Mizoram' in International Conference on recent advance sciences in animal (ICRASS)	Association of Biotechnology and Pharmacy(ABAP) & Mizoram University (MZU)	6-8 November, 2019	International
		Participant in International Workshop on tectonics and its implications with	Research & Seminar committee & Department of	17-18 January, 2020	International

		special reference to Indo Burma range	geology, GZRSC		
		Poster Presented on 'Environmental Deposition of Upper Bhuvan Formation in Surma Group, Aizawl, Mizoram' in International Conference on recent advance sciences in animal (ICRASS)	Association of Biotechnology and Pharmacy(ABAP) & Mizoram University (MZU)	6-8 November, 2019	International
		Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
4	Sailopuii	Participant in Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Organizing member: Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Participant in state level workshop on Plagiarism	Jointly organized by IPR Committee, DST	17 Oct, 2019	National
		Participant/organizer in International workshop on Tectonics	Research & Seminar Committee & Dept of Geology, GZRSC	17 & 18 January 2020	International
5	S Thangrimawii	Participant in Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Organizing member: Short course training on Research methodology	RUSA, Research & Seminar Committee, GZRSC	12-17 th August, 2019	National
		Participant in State level workshop on plagiarism	Jointly organized by IPR Committee, DST	17 Oct, 2019	National

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

Sl.No	Topic	Funded by	Collaborations
1			

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

17. Recognized Research Centre /facility :

18. Number of Faculty as members in

- a) University : 3
- b) State : 2
- c) Regional : Nil
- 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
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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: Nil

23. Library facilities: (Numbers only)

a. Textbooks and Reference Books :

b. Journals :

c. E-Books and E Journals :

d. Any other :

24. Any other relevant information (reports):

3. DEPARTMENTAL REPORT ODD SEMESTER (JULY- DEC2019)

Sl. No.	Department	Resolutions in brief	Classes taken			Any Teacher attended Seminar/meetings, etc.	Departmental activities
			1 Sem	3 sem	5 sem		

1	CHEMISTRY	<ul style="list-style-type: none"> ➤ Topic distribution for the next even semester 2020 ➤ Question setting for first internal exam ➤ First Internal Marks compilation ➤ Annual Department report ➤ Question setting for 2nd internal exam ➤ Participate in Exhibition organized by Innovation Club, GZRSC ➤ Study Visit ➤ Remedial Class 	82	77	215	<ul style="list-style-type: none"> ➤ Dr. Lalhminglana Hnamte attended 3 Day National Level Workshop on Quantum Science and Technology on 29th – 31st July, 2019 ➤ Dr. Lalhminglana Hnamte, attended National Level Short Course Training on Research Methodology on 12th-17th August, 2019 ➤ Zonunthari attended National Level Short Course Training on Research Methodology on 12th-17th August, 2019 ➤ Dr. Lalsaimawia Sailo attended National Level Short Course Training on Research Methodology on 12th-17th August, 2019 ➤ Dr. Lalhminglana Hnamte was Evaluator at District Level Children Science Congress and attended One day workshop on NAAC Awareness Programme, Graduation and Freshers' Social cum, 39th State Level Student's Science Seminar ➤ Zonunthari attended One day workshop on NAAC Awareness Programme on 25th Sept., 2019 ➤ Dr. Lalsaimawia Sailo attended One day workshop on NAAC Awareness Programme on 25th Sept., 2019 ➤ Dr. K.B Singh attended One day workshop on NAAC Awareness Programme on 25th Sept., 2019 	<ul style="list-style-type: none"> ➤ Dr. Lalhminglana Hnamte participated as a resource person in "Children's Science Congress Sensitization Workshop" held on 12th July, 2019 at Lawngtlai.
2	HOME SCIENCE	<ul style="list-style-type: none"> ➤ The meeting agreed to allow Higher Secondary school having Home science subject to visit and make use of the college Home science Laboratory for the benefit of the student at minimum charges ➤ The meeting agreed to conduct Career Guidance to be organized 	295	279	247	<ul style="list-style-type: none"> ➤ Lalsangkimi Hmar and Lalthanpuii Ralteare Organisers in "Personality development programme 2019" for final year student organized by Student Support Committee during 16th – 22nd May 	<ul style="list-style-type: none"> ➤ Contribution of Rs 10500/- by Home science department faculty and the

		<p>by the department on 1st week of October tentatively.</p> <ul style="list-style-type: none"> ➤ The meeting decided that from next semester the senior students will take the charge of mentoring. ➤ The meeting agreed to meet the Director, Social Welfare Department regarding about the MPSC syllabus. ➤ It was decided to publish History of Home Science in the coming year. ➤ The meeting appointed Mrs Lalthanpuui to take charge regarding about the routine for the coming session. ➤ It was decided to review publication of History of Home Science. 				<p>2019</p> <ul style="list-style-type: none"> ➤ All the faculty Participated in the “National Level Short Course Training on Research Methodology” organized by Research and Seminar Committee, and IQAC,GZRSC in collaboration with Department of Psychology ➤ All the faculty participated in ‘One day Workshop on NAAC Awareness Programme on 25th Sept 2019 at GZRSC, organized by IQAC & Research &Seminar Committee, GZRSC ➤ Lalthanpuui Ralte Participated as a judge in ‘Observance of World Ozone Day’ Organised by Eco-Club, GZRSC & Mizoram Pollution Control Board on 16th September 2019 ➤ C. Zarzokimi Attended Training Officers, Red Ribbon Club organised by MSACS at Chanmari YMA Hall, Aizawl 26th September 2019 ➤ All the faculty participate in state level workshop on Plagiarism’ held on 17th Oct., 2019 at GZRSC, organized by IPR Committee & MISTIC, Dept of Sc& Technology, Govt. of Mizoram. 17th Oct 2019 ➤ Attended BUGS in Home Science meeting 28th Oct, 2019 ➤ Attended Board of Studies (full), Meeting in the Dept. of Food Technology, SET, MZU 21st Oct, 2019 ➤ Lalrinngheti Ralte Participated in the Professorial Lectures Organised by Theological Education Board of Mizoram. 3rd Oct, 2019 	<p>students, was donated to Shalom Special children school, Serchhip for their Mid day Meal on 11th July 2019.</p> <ul style="list-style-type: none"> ➤ Observation of Patients at Synod Hospital Durtlang on 18th Sept 2019 ➤ A field trip on the 10th-11th of Oct, 2019 at Silchar
3	BIOCHEMISTRY	<ul style="list-style-type: none"> ➤ Setting of 2nd internal assessment questions. ➤ Matters regarding opening of core course. ➤ Proposing of department laptop to the Principal. ➤ Discussion on department model for participation on waste 	47	39	-	<ul style="list-style-type: none"> ➤ Dr Fanai Lalsangluaii is an Organizing member in One day workshop on NAAC Awareness on 25/09/2019 ➤ Lalrosangpuui is Resource person, Observation of Nutrition 	<ul style="list-style-type: none"> ➤ One laptop was received from RUSA fund by the

		management exhibition. Submission of lab requirements for the present semester.				month, NSS Unit on 25/09/2019 ➤ K. Zosangpuii and Lalrosangpuii attended One day workshop on NAAC Awareness on 25/09/2019	departme nt.
4	MATHEMATICS	Preparation of time table for the semester, distribution of syllabus to be taken by each teacher, preparation of monthly department report, preparation of annual department report Compilation of question papers for 1st internal Examination, Date is fixed for Compilation of marks for 1st internal marks, Departmental requirements to be submitted to the Principal, preparation of monthly report Date is fixed for Compilation of marks for 2nd internal marks, Books requirement for the cost of Rs 30,000, which is given to each department is submitted Preparation of monthly report Compilation of final internal marks for 1st, 3rd and 5th semesters.	101	92	285	➤ Dr. R Lalawmpuii attended workshop on quantum science and Technology during 29th – 31st July, 2019 ➤ L.B. Singh, Dr R. Lalawmpuii, Dr Lalhmangaihzualla, C. Lalngaihawma attended National Level Short Course Training on Research Methodology for 6 days on 12th – 17th August 2019 ➤ LB Singh attended One day workshop on NAAC Awareness Programme 25th Sept, 2019 ➤ Parijat Kumar attended One day workshop on NAAC Awareness Programme on 25th Sept, 2019 ➤ Dr R. Lalawmpuii attended one day workshop on NAAC Awareness Programme 25th Sept, 2019 ➤ Dr Lalhmangaihzualla attended One day workshop on NAAC Awareness Programme 25th Sept, 2019 ➤ C. Lalngaihawma attended One day workshop on NAAC Awareness Programme 25th Sept, 2019 ➤ C. Lalngaihawma is an Organising member in Observation of World Ozone day 2019 cum Debate on Ozone Healing 16th Sept, 2019 ➤ L.B. Singh and C. Lalngaihawma attended State Level Workshop on Plagiarism on 17th Oct, 2019 ➤ Dr R. Lalawmpuii and Dr Lalhmangaihzualla attended State Level Workshop on Copyright on 16th Oct, 2019 ➤ C. Lalngaihawma attended State Level Workshop on Copyright on 16th Oct, 2019	➤ Two professors went to MZU for consideration of syllabus for the Under Graduate courses as per new UGC LOCF (Learning Outcome Based Curriculum Framework) on 27th September, 2019.

5	ELECTRONICS	<ul style="list-style-type: none"> ➤ Preparation of daily routine for odd semester 2019 ➤ Syllabus topic distribution to each faculty for odd semester 2019 ➤ Topic covered by each faculty (report) ➤ Dr. Ricky Lalhmangaihzualla appointed as Head of Department (H.O.D) ➤ Mr. Reginald H.Vanlalchaka appointed as secretary of the department. ➤ Working and drafting supplication for core subject (I/c: Dr. Ricky Lalhmangaihzualla and Dr. PC. Rohmingliana) ➤ Repairing of laboratory equipment (I/c: Dr. Ricky Lalhmangaihzualla and Dr. PC. Rohmingliana) ➤ Detail expenditure estimation and purchased of laboratory equipment such as breadboard, CRO probes, operational amplifier μA 741, 555-timer & discrete components : transistors, capacitors, resistors etc. (I/c : Mr. Reginald H.Vanlalchaka) ➤ Lab Internet Connection (I/c : Dr. Ricky Lalhmangaihzualla) ➤ Distribution of 3rd Semester Presentation topic latest by second week of September (I/c : Dr. Ricky Lalhmangaihzualla and Mr. Reginald H. Vanlalchaka) ➤ Procurement of Laboratory Equipment. ➤ Distribution of Syllabus Topic for the next academic even semester 2020. 	144	161	<ul style="list-style-type: none"> ➤ Dr. Ricky Lalhmangaihzualla Participated in Faculty development programme on 1st July, 2019, 3-Days National Level Workshop on “ Quantum Science and Technology” held at the Seminar Hall, Pachhunga University College during 29-31 July,2019 ➤ Dr. PC. Rohmingliana Participated in the Faculty development programme on 1st July, 2019 at the college Hall, 3-Days National Level Workshop on “ Quantum Science and Technology” held at the Seminar Hall, Pachhunga University College during 29-31 July,2019 ➤ Reginald H.Vanlalchaka Participated in the “Faculty development programme” on 1st July, 2019 at the college Hall ➤ Dr. Ricky Lalhmangaihzualla, participated in ‘National Level Short Course Training on Research Methodology’ on 12th – 17th August, 2019 ➤ Dr. PC. Rohmingliana participated in ‘National Level Short Course Training on Research Methodology’ during 12th – 17th August, 2019 ➤ Reginald H.Vanlalchaka participated in ‘National Level Short Course Training on Research Methodology’ during 12th – 17th August, 2019 ➤ Dr. Ricky Lalhmangaihzualla participated in ‘One Day Workshop on NAAC Awareness Programme’ held at Govt. Zirtiri Residential Science College. On 25th Sept., 2019 ➤ Dr. PC. Rohmingliana participated in ‘One Day Workshop on NAAC Awareness Programme’ on 25th Sept., 2019 ➤ Mr. Reginald H.Vanlalchaka 	<ul style="list-style-type: none"> ➤ Selected amongst top-3 departments in the year 2018 by IQAC GZRSC & Received Rs. 500/- ➤ Attended on the Observance of World Ozone Day 2019 cum Debate on Ozone Healing held on 16th Sept. 2019 at Govt. Zirtiri Residential Science College, Aizawl. ➤ Successfully performed the assigned Invigilation duty in 2nd Internal Examination, 2019 held during 24th – 27th September, 2019 ➤ Participated on the Mass cleanliness Drive at A.R. Ground, Aizawl on 10th September, 2019. ➤ Participated on the Cleanliness Campaign 	

						<p>participated in ‘One Day Workshop on NAAC Awareness Programme’ held at Govt. Zirtiri Residential Science College. On 25th Sept., 2019</p> <p>Dr. Ricky Lalhmangaihzualla participated in State Level Workshop on Copyright, held at Govt. Zirtiri Residential Science College. On 16th October, 2019 and also Participated in State Level Workshop on Plagiarism, held at Govt. Zirtiri Residential Science College. On 17th October, 2019</p> <p>➤ Dr. PC. Rohmingliana participated in State Level Workshop on Copyright, held at Govt. Zirtiri Residential Science College on 16th October, 2019 and also participated in State Level Workshop on Plagiarism, held at Govt. Zirtiri Residential Science College on 17th October, 2019</p>	<p>2019 at College Campus on 13th & 16th September, 2019.</p> <p>➤ Attended on the Observance of World Ozone Day 2019 cum Debate on Ozone Healing held on 16th Sept. 2019 at Govt. Zirtiri Residential Science College, Aizawl.</p> <p>➤ Attended on the Celebration of 50th NSS Foundation Day on 24th September, 2019</p> <p>➤ Mr. Reginald H. Vanlalcha ka Successfully performed the assigned duty during the College Week held during 2nd - 7th September, 2019</p>
6	BOTANY	<p>➤ Work distribution and duties of each faculty</p> <p>➤ Preparation of botany core students profile</p>	54	62	240	<p>➤ All the faculty members of the department were present on Fresher’s Day was held on 12.7.19.</p>	<p>➤ A Alumni day was celebrated</p>

		<ul style="list-style-type: none"> ➤ Internal question setting, evaluation and compilation ➤ Exhibition on waste management ➤ Teachers profile for IQAC ➤ Setting of time and location of Botany V Semester field trip ➤ Allotment of duty for paper setting & compiling for 2nd Internal exams ➤ Rescheduling of 5th semester field trip ➤ Exam schedule for 5th semester practical examinations 				<ul style="list-style-type: none"> ➤ Mrs Lalremruati Hmar and Mrs Mary Lalthansangi as members of the Cleanliness Committee and Mr Lalnunthara as NSS Programme Officer were involved in organizing a Mass Cleanliness Drive of the college on 15.7.19. All the faculty and student members of the department actively participated in this event. ➤ An introductory group meeting for mentor-mentee was held on 25.7.19. All the faculty members were involved in this meeting. ➤ Mr Lalnunthara (NSS PO) and Mrs Mary Lalthansangi as a member of the Eco Club GZRSC participated in Green Mizoram Programme at Durtlang Campus on 26.7.2019 ➤ Dr R Lalengmawia, Mrs Zodinpuui, Mrs Laltlanchhungi, Mrs Mary Lalthansangi, Mrs Lalrintluangi, Mrs Lalremruati Hmar, Mr Lalnunthara attended National Level Short Course Training on Research Methodology for 6 days on 12th – 17th August 2019 ➤ All the faculties attended one Day Workshop on NAAC Awareness Program on 25.9.19 ➤ Mr. Lalnunthara attended training of the Nodal Officers Red Ribbon Club on 26.9.2019 ➤ Mrs Lalrintluangi, Mrs Mary Lalthansangi attended State level workshop on copyright on 16th October 2019 ➤ Mrs Lalrintluangi and Mrs Mary Lalthansangi attended State level workshop on Plagiarism on 17th October 2019 	<p>on 1.8.19. Mrs Lalremruati Hmar as a member of the Alumni committee was involved in organizing this event.</p> <p>➤ Mrs Lalrintluangi and Mrs Mary Lalthansangi were also involved in refreshment duty in their capacity as members of Refreshment Committee.</p> <p>➤ Mrs Mary Lalthansangi (Eco Club) and Mr Lalnunthara (NSS) participated in 'Single Use Plastic free Drive' on 5th August 2019.</p> <p>➤ The faculty members actively participated in the Parents – Teachers Meet held on 29th August 2019. Dr R</p>
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							<p>Lalengma wia was a resource person in this event. Mrs Zodinpuui and Mrs</p> <p>➤ L altlanchh ungi (Reception Committee), Mrs Lalrintluangi and Mrs Mary Lalthansangi</p> <p>➤ (Refreshment Committee)</p> <p>➤ Mrs Mary Lalthansangi as a green teacher in the Eco Club was involved in organizing the 'Observance of world Ozone day 2019 cum Debate on Ozone healing' on 16th September 2019</p> <p>➤ As per the requirement of the syllabus a field trip/ study trip was organized for the 5th Sem Botany core students on 14th October 2019 at Zopar</p>
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							farm at Vaipuanp ho and Reiek forest
7	ZOOLOGY	<ul style="list-style-type: none"> ➤ Central evaluation for UG Exam during on 27th.May, 2019 ➤ University exam from 1st to 20th May 2019 all the teachers are assigned exam duty. ➤ Construction of Class routine for all the teachers. Teachers are given almost equal number of classes in the current semester. Class distribution is as follows: <ul style="list-style-type: none"> ➤ 1st Semester Zoology (ZL-1) – Lalrinmawia and Sailopuii ➤ 3rd Semester Zoology (ZL-5) – C. Zaihmingthangi and S. Thangrimawii ➤ 5th Semester Zoology (ZL-9) – Lalrinmawia and Lalzahawmi ➤ 5th Semester Zoology (ZL-11)- S. Thangrimawii and Sailopuii ➤ 5th Semester Zoology (ZL-13) – H. Lalnunsangi and Lalzahawmi ➤ 5th Semester Zoology (ZL-15) – C. Zaihmingthangi and H. Lalnunsangi. ➤ 4. The following teachers are appointed as paper setter in the coming university examination, 2019 (odd semester). <ul style="list-style-type: none"> ➤ C. Zaihmingthangi ➤ Dr. Lalzahawmi Chenkual ➤ S. Thangrimawii ➤ H. Lalnunsangi ➤ Sailopuii." ➤ Prepared and compile internal Exam question ➤ Immediate laboratory requirement submitted ➤ Rescheduled field trip programme for fifth semester ➤ Preparing monthly report 	89	69	211	<ul style="list-style-type: none"> ➤ S. Thangrimawii attended BOS Meeting on August, 2019 Representing Department of Zoology, GZRSC 	<ul style="list-style-type: none"> ➤ Dr. Lalzahawmi Chenkual is appointed as IQAC member ➤ Dr. Lalzahawmi Chenkual is appointed as Ex officio Member for State Wetlands authority
8	PHYSICS	<ul style="list-style-type: none"> ➤ "Distribution of works for compilation of internal marks (25) of 1st, 3rd & 5th semesters: 	23	16	61	<ul style="list-style-type: none"> ➤ Pu Remlalsiama Anti-Plagiarism w/s at M.Z.U. Sept. 21, 2019 ➤ Dr. Lawrence NAAC 	<ul style="list-style-type: none"> ➤ M.O.U. is signed between

		<ul style="list-style-type: none"> ➤ 1st Semester : Mr. M. I. Singh ➤ 3rd Semester : Dr. Rosangliana, ➤ 5th Semester : Dr. Arup Kumar 				<ul style="list-style-type: none"> ➤ W/S at GZRSC Sept. 25, 2019 ➤ Dr. Rosangliana NAAC W/S at GZRSC Sept. 25, 2019 ➤ Dr. Arup Kumar B.O.S. MEETING at M.Z.U. Sept. 30, 2019 	Dept. of Physics, C.V. Raman University, Bilaspur, CG and the Physics Dept. of G.Z.R.S. C., which will benefit both for future academic exchange programs.
9	ENGLISH	<ul style="list-style-type: none"> ➤ Classes distributed ➤ New syllabus for BCA discussed ➤ Discussed letter received from HOD English dept, MZU regarding new syllabus for UG ➤ Change in head of Department ➤ Assignment for BCA (3rd Internal test) ➤ Arrangement of Retest for 5 students ➤ Participation of faculty in upcoming Litfest 2019 	1 st Semester only			<ul style="list-style-type: none"> ➤ Lalrinsangi Nghinglova UG core committee for syllabus revision on 12&19th July 2019 ➤ Lalrinsangi Nghinglova Draft committee for SHEC Act 2019 4 & 5th July.2019 ➤ Lalmalsawmi Chhangte attended National level short course training on Research Methodology, state Level Consultation on Draft National Education Policy, attended meeting of Mizoram English Lit. Society, ➤ Lalrinsangi Nghinglova is an Organizing Member of National level short course training on Research Methodology, State Level Consultation on Draft National Education Policy, attended meeting of Mizoram English Lit. Society, attended a State Level Seminar on National Institutional Ranking Framework (NIRF), Moderation Board meeting at MZU, attended workshop on elimination of Bonded Labour System including child labour, Inter-state Migrant workers and Human Trafficking 12th-17th Aug.2019 	<ul style="list-style-type: none"> ➤ L altluangki mi Hnamte & Lalrinsangi Nghinglova were engaged as subject experts by MPSC
				B.Sc 65	HS 38	BCA 28	

10	GEOLOGY	<ul style="list-style-type: none"> ➤ All core student to take part in Exhibition 2019, on the theme “An innovative Approach to Waste Management” with sub theme “A model for waste disposal for GZRSC”. Preparation to start from 16th September. All faculty members will assist in this project. ➤ Student profile to be prepared for passed out students. ➤ 3rd internal assessment for all semesters to be submitted on 11th September 2019. ➤ Final schedule for practical exams ➤ 1st sem: Divided into 2 group ➤ 3rd sem: Continuous assessment ➤ 5th sem: 9th and 10th October. ➤ Visit of paleomagnetic laboratory, Geology Dept. MZU for 5th semester. ➤ Inviting lecture Dr. J. Malsawma, Asst Prof. Dept. of Geology, MZU ➤ Distribution of syllabus for odd semester 2020. 	62	65	212	<ul style="list-style-type: none"> ➤ Mr. Laltlankima attended National level short course on Research Methodology ➤ Mr. C. Lalremruatfela attended National level short course on Research Methodology, National Workshop on “Introduction and Demonstration of Advanced Equipments in Surveying” ➤ Dr. C. Zoramthara attended National Workshop on “Introduction and Demonstration of Advanced Equipments in Surveying”, also attended Moderation Board Meeting. ➤ C. Lalmuankimi attended Moderation Board Meeting ➤ All the faculties attended One day workshop on NAAC Awareness Programme on 25th Sept, 2019 ➤ Dr. C. Zoramthara and Mr. C. Lalremruatfela attended Observance of Ozone day 2019 cum debate on Ozone healing 16th September ➤ All the faculties attended State level workshop on Plagiarism at GZRSC 17th October, 2019 ➤ Dr. C. Zoramthara, Dr. C. Lalmuankimi, Mr. C. Lalremruatfela attended State level workshop on Copyright at GZRSC 18th October, 2019 ➤ Dr. C. Zoramthara and Mr. C. Lalremruatfela attended Three days National workshop on Landslide hazard in Southern Mizoram at Lunglei Govt. College 24th to 26th October 2019. ➤ Dr. C. Lalmuankimi performed her duty as an external Practical examiner for B.Sc. V semester 2019 during 21st October 2019 to 1st November 2019 at Lunglei Govt. College. ➤ Dr. C. Zoramthara and Mr. C. Lalremruatfela, Programme Officers NSS attended training on 	<p>C</p> <p>. Zoramthara (HOD) was awarded Ph.D degree from Mizoram University on 9th August, 2019.</p> <p>D</p> <p>r. C. Zoramthara as resource person on the topic “Disaster Management” on two days departmental seminar during 3rd and 4th September, 2019.</p> <p>M</p> <p>r. C. Lalremruatfela as resource person on the topic “Disaster Management” on two days departmental seminar during 3rd and 4th September, 2019.</p> <p>V</p> <p>isit of Geology Laboratory, Mizoram University for 5th Semester students on 15th October 2019. Geological field</p>
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						PFMS at State NSS Office on 28th October 2019.	work at Kolasib during 18th to 19th October 2019. ➤ Dr. C. Zoramthara, participated as Speaker in Debate on Ozone healing jointly organized by Eco Club GZRSC and Mizoram Pollution Control Board on 16th September 2019.
11	COMPUTER SCIENCE	<ul style="list-style-type: none"> ➤ Distribution of student to each teacher regarding Mentor mentees for the semester July-Dec 2019. ➤ Meeting appointed Mr Vanlallura as the new Department secretary with effect from 1st July. ➤ There will be two internal test in this academic session. ➤ Student leave will accept only before seven (7) days. ➤ Parent Teachers Meet for BCA held on 29.Aug.2019 at Language Lab. ➤ Another computer free clinic was scheduled at October.2019. ➤ Admission drive for new session 2020. ➤ The meeting decided that Mr. C. Lalrinawma HOD to be in charge of remedial classes for mathematics. The in charge is requested to consult Principal in this regard. ➤ All faculties should be collect student profile softcopy and submitted to HOD. ➤ The Meeting decided student attendance and internal test marks should be distributed to parent/guardian. ➤ Mentor mentees will be held on 14.Oct.2019 afternoon to review the performance of students in the second internal examination. 	234	285	287	<ul style="list-style-type: none"> ➤ C. Lalrinawma attended Faculty Induction Program during 27th May – 23rd June 2019 ➤ C. Lalrinawma, attended National Level Short course training on Research Methodology during 12th – 17thAugust. 2019 ➤ M.S.Dawngliani attended National Level Short course training on Research Methodology during 12th - 17thAugust2019, also attended State Level Workshop on Best Practices For Colleges on 9th August.2019 ➤ R. Lalmawipuii attended National Level Short course training on Research Methodology, 12th— 17thAugust. 2019 ➤ .Vanlallura attended National Level Short course training on Research Methodology, 12th–17thAugust. 2019 ➤ C. Lalrinawma attended Observance of world ozone day 2019 16th Sept. 2019 ➤ C. Lalrinawma attended One day Workshop on NAAC Awareness 	

		<ul style="list-style-type: none"> ➤ The Meeting decided that Mr. Lalhrualtuanga and Mr. Thankhanhau to be in charge of student profile. ➤ Computer free clinic will be held on 25 -26th Oct.2019. ➤ The Practical internal examination to all semester was conducted from 21.10.2019 to 23.10.2019. ➤ The meeting approved third internal test routine and invigilator are prepared by BCA examination department. 			<p>Programme 25th Sept.2019</p> <ul style="list-style-type: none"> ➤ Lalhrualtuanga attended Training on Guidance & Counseling for Secondary School Teachers during 24th - 27th Sept.2019 ➤ Lalhrualtuanga gave Career Guidance 24th Sept.2019 ➤ Laldinglana Sailo attended National Level Short course training on Research Methodology, 12th-17th August. 2019 ➤ C. Lalrinawma attended State Level Workshop on Copyright 16th Oct.2019, also attended State Level Workshop on Plagiarism 17th Oct.2019 ➤ R. Lalmawipuii attended State Level Workshop on Copyright on 16th October 2019 ➤ M.S.Dawngliani presented paper on Development of a model to predict breast cancer recurrence using decision tree based learning algorithm at NIER 19th Oct.2019 	
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4. DEPARTMENTAL REPORT EVEN SEMESTER (JAN- JUNE 2020)

Sl. No.	Department	Resolutions in brief	Classes taken			Any Teacher attended Seminar/meetings, etc.	Departmental activities
			2 sem	4 sem	6sem		
1	CHEMISTRY	<ul style="list-style-type: none"> ➤ Class distribution ➤ Preparation of routine ➤ Topic distribution ➤ Discussion of question pattern for fort coming 1st internal exam 	34	35	114	<ul style="list-style-type: none"> ➤ Dr. K.B. Singh attended two days International Workshop on Tectonic and its Implications with Special reference to Undo-Burma Range on 17 & 18 Jan., 2020 ➤ Lalramengzami attended two days International Workshop on Tectonic and its Implications with Special reference to Undo-Burma Range on 17 & 18 Jan., 2020 ➤ Zonunthari attended two days International Workshop on Tectonic and its Implications with Special reference to Undo-Burma Range on 17 & 18 Jan., 2020 ➤ Dr. K.B. Singh attended National Science Day, 2020 on, 28thFeb., 2020 ➤ Dr. Samuel Lallianrawna attended National Science Day, 2020 on, 28thFeb., 2020 	<ul style="list-style-type: none"> ➤ Dr. Samuel Lallianrawna participate as a tour guide during the Study Tour to Kolkata from 8th to 17h January, 2020.
2	SCIE	<ul style="list-style-type: none"> ➤ Even semester Time table and allotment of subjects 	95	110	88	<ul style="list-style-type: none"> ➤ All the faculties participated in 	<ul style="list-style-type: none"> ➤ Ms. Mimi Lalmuanaw

		<p>for teachers drafted by Mrs. Lalthanpuii was reviewed and accepted.</p> <ul style="list-style-type: none"> ➤ Following teachers were appointed as Class teacher in Even Semester 2020 ➤ 2nd Sem – Ms. Vanlallawmi & Ms. Lalrammawii. ➤ 4th Sem - Mr. C. Lalramdina & Ms. Rebecca Lalnunluangi ➤ 6th Sem – Lalhmingliani Hlondo & Ms. Lalmuanawmi. ➤ The meeting agreed and appoint Mrs. Lalrinngheti as HOD remain the same as before and Mrs. Lalsangkimi was appoint as Asst. HOD for the year 2020. ➤ The meeting has decided to contribute Rs.12000 to the assistance of the Home Science Association Conference which will be held on 13th February 2020. ➤ The meeting has agreed to suspend all classes in order to attend the Home science Conference. 			<p>International Workshop on Tectonic and its implications with special reference to Indo-Burma Range on 17th-18th Jan 2020</p> <ul style="list-style-type: none"> ➤ Lalrinngheti Ralte is an organizing member in 'Observation of Constitution Day 2020' at GZRSC, Organized by Socio-Cultural & debating Committee, GZRSC on 5th February 2020. 	<p>mi and Ms. Rebecca Lalnunluangi has organised and participated in Blood donation Camp 2020 at GZRSC</p> <ul style="list-style-type: none"> ➤ All Teachers attended Home Science Association Conference on 13th February 2020 at GZRSC
3	BIOCHEMISTRY	<ul style="list-style-type: none"> ➤ Distribution of topics and finalization of time table ➤ Distribution of period allotment for the semester ➤ Regarding distribution of study materials ➤ Common format for practical internal marks ➤ Distribution of responsibilities among faculty 	16	14	<ul style="list-style-type: none"> ➤ All the faculties attended International Workshop on Tectonic and its Implications with special reference to Indo-Burma range during 17th– 18th January 2020 	<ul style="list-style-type: none"> ➤ All the faculty members and students participated in the Mass Cleanliness Drive organized by the Cleanliness Committee and NSS on 16.1.2020.

4	MATHEMATICS	<ul style="list-style-type: none"> ➤ Distribution of syllabus among the teachers ➤ Points for the improvement of the department ➤ Making of time table for the even semester 2020 ➤ Preparation of monthly report ➤ Appointment of teacher for compilation of 1st internal assessment Test. ➤ 2. Discussion on the performance of students in their internal exam. ➤ 3. Rough preparation of monthly department report. 	38	40	146	<ul style="list-style-type: none"> ➤ All the faculties participated on International Workshop on Tectonic and its implications with special reference to Indo-Burma Range during 17th – 18th January, 2020 ➤ L.B. Singh attended National Science Day Celebration, 2020 on 28th February ➤ Dr. Lalmangaihzualla attended Workshop on E-Content Development on 10th February ➤ Dr. Lalmangaihzualla attended National Science Day Celebration, 2020 on 28th February
5	ELECTRONICS	<ul style="list-style-type: none"> ➤ Distribution of practical class in-charge for even semester 2020 ➤ Report on coverage of syllabus on theory subjects ➤ Power point presentation for 4th semester ➤ Preparation for Laboratory Examination ➤ Procurement of Lab equipment ➤ Power point presentation for 4th semester ➤ Preparation for Laboratory Examination ➤ Procurement of Lab equipment 	70	74		<ul style="list-style-type: none"> ➤ 1 Dr. Ricky Lalmangaihzualla attended workshop for EAT Module training programme at Assam Downtown University held on 31st January 2020. ➤ Dr. PC. Rohminglana successfully performed as a Co-ordinator in “Training on Capacity Building of Leadership and Personality Development through Life Skills” held from 2nd – 6th December, 2019 at GZRSC, organized by regional Directorate of NSS, Guwahati in collaboration with NSS Cell, Sports & Youth Services Department, Govt. of Mizoram. ➤ Participated and supervised the work on Mass Cleanliness Drive held at the College Campus on 16th January, 2020, organized by NSS Unit, GZRSC & Cleanliness Committee, GZRSC. ➤ Participated at the programme of Fit India Movement - Holding of Walkathon from Vanapa Hall to Chanmari on 18th January, 2020, organized by NSS Cell, Mizoram, Sports & Youth Services Department, Govt. of Mizoram. ➤ Participated and donated blood at the programme of Blood Donation Camp at the College Auditorium on 28th January, 2020,

						<p>organized by NSS Unit, GZRSC.</p> <p>➤ Attended at the Meeting of Selected NSS Programme Officers held on 30th January, 2020 at Office Chamber of SNO cum Deputy Secretary, NSS Cell, Sports & Youth Services Department, Govt. of Mizoram.</p> <p>➤ Mr. Reginald H. Vanlalchaka Guided Thirty-four (34) students to Kolkata on Study tour programme during 7th - 17th January 2020.</p> <p>➤ Dr. PC. Rohmingliana participated on behalf of Electronics Department in 'One Day Workshop on E-Content Development' held at Govt. Zirtiri Residential Science College.</p> <p>➤ An Organising Member in the Seminar on 'Women in Science' on the occasion of National Science Day 2020 celebration held on 28th February, 2020 at Govt. Zirtiri Residential Science College, Aizawl.</p> <p>➤ Dr. Ricky Lalmangaihzualla participated in Hands on training on molecular techniques Organized by Dept, of Biochemistry GZRSC in collaboration with Dept. of Biotechnology, Mizoram University on 20th February, 2020</p>	
	BOTANY	<p>➤ Distribution of topics and finalization of routine</p> <p>➤ Distribution of period allotment for the semester</p> <p>➤ Preparation for 1st Internal test</p> <p>➤ Development of e-content</p>	44	46	117	<p>➤ All the faculties attended International Workshop on Tectonic and its Implications with special reference to Indo-Burma range during 17th- 18th January 2020</p> <p>➤ Dr R Lalengmawia and Ms Mary Lalthansangi attended One day workshop on e-content development</p> <p>➤ Five faculty attended Women in Science Seminar</p> <p>➤ Mrs Mary Lalthansangi, as a member of the Socio-</p>	<p>➤ All the faculty members and the students of Botany (all semesters) participated in the Mass Cleanliness Drive organized by the Cleanliness Committee and NSS on 16.1.2020</p>

						<p>Cultural and Debating Committee was involved in organizing the program 'Observation of Constitution day 2020' on 5th February 2020</p> <p>➤ Mr Lalnunthara, Chairman of the Students Union Committee participated in the distribution of 'Incentive Cash Award for Meritorious Students' held at the College Auditorium on 19th February 2020.</p> <p>➤ Mr. Lalnunthara, as a member of the EK Bharat Shreshtha Bharat Club, GZRSC chaired the 'Celebration of Mother Tongue Day' on 21st February 2020.</p>	
7	ZOOLOGY	<p>➤ Distribution of Classes</p> <p>➤ Analysis of odd semester results</p> <p>➤ Preparing Departmental Report</p>	34	36	108	<p>➤ All the faculties attended International Workshop on Tectonic and its Implications with special reference to Indo-Burma range during 17th– 18th January 2020</p>	
8	PHYSICS	<p>➤ Departmental Routine and topics for 2nd, 4th & 6th semesters distributed among the Professors. The practical</p>				<p>➤ All the faculties attended International Workshop on Tectonic and its Implications with special</p>	<p>➤ Dr. Lawrence Zonunmaw ia</p>

		<p>class assignments are as follows:</p> <ul style="list-style-type: none"> ➤ 2nd Semester : Mr. M. I. Singh, Dr. Lawrence ➤ 4th Semester : Dr. Arup Kumar, Mr. Remlalsiama ➤ 6th Semester : Dr. Arup Kumar, Mr. Remlalsiama, Dr. Rosangliana ➤ Results of 1st internal test discussed in detail. Performance of students are NOT satisfactory. The students of 5th semester will be treated more seriously. The teachers assigned are: ➤ 2nd Semester : Mr. M. I. Singh, Mr. Remlalsiama ➤ 4th Semester : Mr. M. I. Singh, Dr. Rosangliana, Dr. Lawrence ➤ 6th Semester : Dr. Arup Kumar, M.I. Singh, Remlalsiama, Dr. Rosangliana, Dr. Lawrence 			<p>reference to Indo-Burma range during 17th– 18th January 2020</p> <ul style="list-style-type: none"> ➤ Dr. Lawrence attend 53rd Mid-year meeting of Health Physics Society Jan. 26-29, 2020 @ Maryland, USA ➤ Dr. Lawrence National Level Sensitizn. program On NAAC Feb. 27, 2020@ PUC, AIZAWL ➤ Dr. Rosangliana attended Workshop on Theoretical Condensed matter Phys. Feb. 26, 2020@ PUC, AIZAWL College ➤ Dr. Arup Kumar attended National Science Day Celebration Feb. 28, 2020 @ GZRSC ➤ Pu Remlalsiama attended National Science Day Celebration Feb. 28, 2020 @ GZRSC ➤ Dr. Rosangliana attended National Science Day Celebration Feb. 28, 2020@ GZRSC ➤ Dr. Lawrence attended National Science Day Celebration Feb. 28, 2020 @ GZRSC 	<p>Chhange attend Health Physics Society Half-Yearly Meeting and gave oral presentation at Maryland, USA.</p>
9	ENGLISH	<p>1. Distribution of portions for Foundation Course. (At Ms. Lalitluangkimi</p>	First Semester only		<ul style="list-style-type: none"> ➤ All the faculty attended .International Workshop on Tectonic and its 	

		<p>Hnamte's Residence)</p> <p>2. Ms. Lalmalsawmi Chhangte, HOD, is going to take medical leave for a month, Dustin Lalkulhpuia will be engaged on her expense to fill her classes.</p> <p>3. Distribution of Classes.</p> <p>4. Distribution of marks for 1ST internal exams.</p> <p>5. Taking over of charge of mentees:-</p> <p>(a) Ms. Lalrinsangi Nghinglova's mentees to be continued by Ms. Lalrinpuii Rokhum.</p> <p>(b) Ms. Lalmalsawmi Chhangte's mentees by Dustin.</p>	54	22	22	<p>implications with special reference to Indo-Burma Range</p> <p>➤ Ms Laltluangkimi Hnamte has been appointed to prepare questions by MPSC for Technical Competitive Examinations for Recruitment to the post of Assistant Engineer (Civil) under Tourism Department, Government of Mizoram, 2020</p> <p>➤ Ms. Lalrinsangi Nghinglova has served as a Judge in District and State Level Declamation Contest Organised by Nehru Yuva Kendra Sangathan, Aizawl on 13th and 14th January, 2020 at Seminar Hall of Pachhunga University College</p> <p>➤ Ms Lalrinpuii Rokhum attended one day e-content development workshop</p> <p>➤ All the faculty organised and attended "Observation of Constitution Day 2020" at GZRSC</p> <p>➤ Ms Lalrinsangi Nghinglova attended Women in Science Seminar</p>	
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10	GEOLOGY	<ul style="list-style-type: none"> ➤ Dr. C. Lalremruatfela and Dr. C. Lalmuankimi will be in charge of Department reports. ➤ Field work for 6semester students to be done after first internal examinations. ➤ Routine for 2, 4 and 6 semester 2020 was worked out. ➤ Preparations for 1st internal examination to be done as soon as possible. Question to be prepared for 40 marks in each semester. All teachers requested to complete paper examination as soon as possible for submission to exam department. 	55	43	190	<ul style="list-style-type: none"> ➤ Dr. C. Lalmuankimi presented a paper on “Tectonic setting and its impact on the properties of the Upper Bhuban sandstones, Mizoram, India at the American Geophysical Union (AGU) fall meeting 2019 at San Francisco, CA, USA on 9th to 13th Dec, 2019 ➤ Dr. C. Zoramthara attended One day workshop on inclusion of regional contents and identification of reliable materials for Applied Geology for Higher Secondary stage on 13th Dec, 2019 ➤ Dr. C. Zoramthara and Dr. C. Lalremruatfela participated in Seminar on ‘Women in science’, organized by GZRSC and MISTIC on 28th Feb, 2020. ➤ Dr. C. Zoramthara and Dr. C. Lalmuankimi attended meeting of Moderation Board for II,IV and VI Semester U.G examination at Mizoram University on 12th to 13th Feb, 2020. ➤ Dr. C Zoramthara, Dr. C. Lalmuankimi and Mr. Laltlankima were Co-coordinators in ‘International workshop on Tectonics and its implications with special reference to Indo-Burma Range’ during 17th to 18th January 2020. 	<ul style="list-style-type: none"> ➤ C. Lalremruatfel a was awarded PhD degree from Mizoram University on 9th January 2020. ➤ Dr. C. Zoramthara and Dr. C. Lalremruatfel a Programme Officers, NSS GZRSC Unit and members of Cleanliness Committee organized “Mass Cleanliness Drive” at College campus on 16th January 2020. ➤ Dr. C. Lalmuankimi received a certificate for her outstanding achievement (PhD)in the field of Geological sciences from MISTIC on 28th Feb, National Science Day under the theme “Women in Science”..
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11	COMPUTER SCIENCE	<ul style="list-style-type: none"> ➤ Department of Computer Science meeting approved timetable for even semester 2020 prepared by Head of Department Mr C. Lalrinawma. ➤ Distribution of student to each teacher regarding Mentor mentees for the semester Jan-June 2020. ➤ Department of Computer Science meeting review first internal test. 	112	113	46	<ul style="list-style-type: none"> ➤ All the faculties attended International workshop on Tectonic and its implications with special reference to Indo-Burma range 17th – 18 Jan,2020 	<ul style="list-style-type: none"> ➤ Mr Thankhanhau was a resource person in One day workshop on e-content development organised by IQAC on 10th.Feb.2020
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5. STUDENTS MENTORING SYSTEM ODD SEMESTER (JULY-DEC 2019)

Sl.No.	Department	Faculty (Mentor)	No. of Mentees reported as on JULY 2019	Any other information (Aspiration of students)	Students less than 75% attendance upto 09.08.2019	Percentage of marks less than 40% in the first test.	Students less of 75% attendance upto 20.09.2019	Percentage of marks less than 40% in the second test
		Name						
1	HOME SCIENCE	LALSANGLIANI KHAWLHRING	4	Dietician, Nutritionist, Fashion Designer	0	2	0	1
		LALSANGKIMI HMAR	4	Dietician, Further studies	2	3	3	2
		LALHMINGLIANI HLONDO	4	Interior Design, Dietician, Higher Studies	1	1	0	0
		VANLALLAWMI	5	Dietician, Nutritionist	0	0	0	1
		LALTHANPUII RALTE	4	Competitive, MSW, Govt Job, MSc HD	0	0	0	0
		C. LALRAMDINA	6	Interior Design, Dietician, Army Officer, Social worker, Teacher	2	1	3	1
		MARIA LALHMINGMAWII	4	Chef, Dietician	0	1	3	2
		LALRAMMAWII	4	Dietician, Fashion Designer, Army Officer	1	0	1	0
		LALRINNGHETI RALTE	4	Dietician, Teacher	4	3	2	0
		MIMI LALMUANAWMI	5	Lecturer, Pre-School Owner, Dietician, Health Worker, Designer	0	1	1	0
		REBECCA LALNUNTLUANGI	5	Nutritionist, Dietician, Nurse, Lecturer	0	1	2	0
		C ZARZOKIMI	5	Designer, Dietician, Lecturer	0	2	4	0
2	PHYSICS	DR. ARUP KUMAR	16	Bank Manager, Navy Officer, Professor, Businessman, Army Officer, Physicist, M.B.A, MCS, Teacher, Research Scholar	4	8	5	4
		DR. ROSANGLIANA						
		M.I. SINGH	9	Bank Officer, Professor, Army Officer	0	4	3	1
		REMLALSIAAMA						
		LAWRENCE ZONUNMAWIA	12	Professor, Businessman, Army Officer	2	5	4	2
		VANRAMLAWMA	12	Bank Officer, Phd, Chemical Engineer, Air Force, Civil Service, Doctor				
3	GEOLOGY	C. ZORAMTHARA	12	Lecturer, Civil Engineer, Professor, Mathematician, Teacher	5	1	3	0
		DR. C. LALMUANKIMI	11	Geologist	3	1	2	5
		LALTLANKIMA	9	Competitive, teacher, Geologist, Army Officer, Civil Service	3	2	2	0
		C. LALREMRUATFELA	12	Army Officer, Teacher, Govt Job, Air Force	3	6	4	1
4	ENGLISH	LALTLUANGKIMI HNAME	11	Higher Studies	1	0	3	0
		LALRINSANGI NGHINGLOVA	11	Doctor, Professor, Businessman, IFS, Teacher, Officer	1	2	4	1
		LALMALSAWMI CHHANGTE	12	Professor, Teacher, Doctor, Genetic Engineer	0	3	10	0
5	BOTANY	DR. R. LALENGMAWIA	13	Professor, Sound Engineer, Army Officer	2	0	1	1
		ZODINPUII	10	Higher Studies	0	0	0	0
		LALTLANCHHUNGI	14	Professor, Businessman, Doctor, IAS, M.B.A, Teacher, Lecturer	1	1	6	1

		LALRINTLUANGI	9	Officer, Professor, Army Officer, IAS, Doctor	2	0	4	2
		MARY LALTHANSANGI	14	Higher Studies	0	0	0	0
		LALREMRUATI HMAR	11	Business, Professor, Doctor, Pastor, Teacher	0	0	2	0
		LALNUNTHARA	11	Doctor, Professor, Nurse, Businessman	2	2	7	4
6	CHEMISTRY	DR.LALHMINGLIANA HNAMTE	20	IPS, MSC, Forensic Officer, Doctor, Professor, Nurse, IAS, B.Pharm, Scientist, IPS	3	3	7	3
		ZONUNTHARI	10	Pharmacist, Aquatic Biologist, Professor, Teacher, Doctor, Army Officer, Biotechnologist	3	5	7	3
		DR. K.B. SINGH	10	Phd (Zoo)	8	8	8	7
		DR. LALSAIMAWIA SAILO	13	Lecturer, Doctor, Teacher, Army Officer, B.Sc Nursing, MPS	2	1	3	2
		R. LALRAMENGZAMI						
7	ELECTRONICS	PROF. B. ZOLIANA		PRINCIPAL				
		DR. RICKY LALHMANGAIHZUAL A	11	Professor, Lecturer, Army Officer	4	3	4	2
		DR. P.C. ROHMINGLIANA	10	Air Force, Army Officer, Teacher, Civil Service, Architect	2	5	7	2
		REGINALD VANLALCHAKA	10	Professor, Businessman, Army Officer, Physicist, Competitive, Bank Officer, Navy Officer, Air Force	1	7	7	3
8	MATHEMATICS	L.B. SINGH	17	Professor, Businessman, Army Officer, Athlete, Teacher, Mathematician	0	4	3	1
		PARIJAT KUMAR	10	Navy Officer, Army Officer, Physicist, Teacher, Architect, Bank Officer, IAS, Higher Studies	2	3	2	2
		DR. LALAWMPUII	11	Professor, Army Officer, MCS, Lecturer, IAS	1	5	5	0
		DR. LALHMANGAIHZUAL A	11	Professor, Army Officer, Athlete, MCS, Teacher	2	4	7	2
		C. LALNGAIHAWMA	11	Lecturer, Bank Manager, Professor, Businessman, MCS, Teacher	2	5	6	1
9	COMPUTER SCIENCE	M.S.DAWNGLIANI	9	Govt. Servant, Banker, Handcrafter in IT, Businessman, MCA, Programmer	4	2	1	0
		LALHRUAITLUANGA	6	Higher Studies, Hardware and Network Engineer, Businessman	5	5		
		C. LALRINAWMA	11	Higher Studies, Job, Private company	3	5		
		LALDINGLIANA SAILO	8	Graphic designer, Businessman, Higher Studies	3	0	1	0
		R.LALMAWIPUII	8	Programmer, MPS, Graphic Designer, Banking, Lecturer, Video Editor	7	3	1	2
		LALSANGZUALI	10	Own Business, Computer operator, officer, Pastor, Further Studies, Software Engineer	4	3	3	2
		H.THANGKHANHAU	9	Lecturer, MCS, Entrepreneur, Web Designer, software engineer, graphic designer	9	7	8	8
		LALREMTLUANGA	8	Businessman, Govt Servant, Computer Instructor, Software Developer, Bank Officer	3	5	1	2
		VANLALLURA	7	Bank Manager, Businessman, Programmer, System Administrator, System Manager	4	5	7	5
10	ZOO LOG	CAROLINE ZAIHMINGTHANGI	12	Professor, IAS, Chef, Teacher				

		DR. LALZAHAWMI CHENKUAL	21	Bank Manager, Inspector, Professor, Army Officer, IAS, MCS, Teacher, IPBO, Doctor	3	0	3	2
		H.LALNUNSANGI	22	Bank Manager, Professor, Teacher, Pastor, BSc Nursing, Competitive	4	1		
		S. THANGRIMAWII	12	Further Studies	0	0	1	0
		SAILOPUII	11	Further Studies	1	2		
		LALRINMAWIA	12	higher studies	0	0	3	0
11	BIOCHEMISTRY	DR. LALSANGLUAI FANAI	15	Professor, Competitive, BSc Nursing, BVSc, Business, Forensic Science, MCS	1	5	3	1
		LALROSANGPUII	12	MCS, Doctor, Farmer, Agriculture Engineer, Lawyer, Medical	0	2	3	0
		K.ZOSANGPUII/ RUTHI	10	Army Officer, Teacher, MBBS, Missionary	0	0	2	1

6. STUDENTS MENTORING SYSTEM EVEN SEMESTER (JAN-JUNE 2020)

Sl.No.	Department	Faculty (Mentor)	No. of Mentees reported as on March 2020	Students less than 75% attendance upto 28.02.2020	Percentage of marks less than 40% in the first test.	No of Students having physical and mental problem	No. of Students having Financial Problem	Remarks
		Name						
1	HOME SCIENCE	LALSANGLIANI KHAWLHRING	3	1	1	0	0	All mentees have no problem related to finances, mental condition and studies
		LALSANGKIMI HMAR	4			0	0	One student could not get reference books from the library
		LALHMINGLIANI HLONDO	4	1	0	0	0	Occasional phone call and text message was sent inquiring about their wellbeing. Advising them to get prepared for the exam
		VANLALLAWMI	4	0	0	0	0	No Problems reported by any student. Claiming they can all study well
		LALTHANPUII RALTE	4	0	0	0	0	None of them are facing any particular hardship due to the pandemic.
		C. LALRAMDINA	3			0	0	
		MARIA LALHMINGMAWII	4	2	0	0	0	Could not get enough material due to poor network facility
		LALRAMMAWII	4			0	0	No problem reported
		LALRINNGHETI RALTE	4			0	0	One girl had difficulties in concentrating in her studies
		MIMI LALMUANAWMI	4	1	0	0	0	All the mentees were contacted every now and then to check if they were doing well or not during the Covid-19 lockdown, and to encourage them in their studies.
		REBECCA LALNUNTLUANGI	3	1	1	0	0	Due to lockdown all mentees cannot fully concentrated on their studies.
		ZARZOKIMI	4	1	0			
2	PHYSICS	DR. ARUP KUMAR	16	12	3	0	0	Staying at home safely
		DR. ROSANGLIANA				0	0	Staying at home safely
		M.I. SINGH				0	0	Staying at home safely
		REMLALSIAAMA	8	2	1	0	0	Staying at home safely
		LAWRENCE ZONUNMAWIA	11	4	2	0	0	Staying at home safely
3	GEOLOGY	C. ZORAMTHARA	11	1	0	0	0	Due to weak internet signal some students face difficulty in online class and internet browsing for study materials
		DR. C. LALMUANKIMI	10	1	1			
		LALTLANKIMA	9	1	2			
		C. LALREM RUATFELA	12	3	3	0	0	Some are having problems downloading provided notes and lectures due to poor connectivity
4	ENGLISH	LALTLUANGKIMI HNAME	10			0	0	All the mentees were contacted frequently to see if they faced any problems during the lockdown period
		LALRINSANGI NGHINGLOVA	IQAC COORDINATOR					
		LALMALSAWMI CHHANGTE	12	6	2			Mentees were contacted and no issues found
		LALRINPUII ROKHUM	8	4	2	0	1	One student is having financial

								problem during lockdown and was provided help by Rs 10000 by the college and offered a temporary job
5	BOTANY	DR. R. LALENGMAWIA	13	1	0	0	0	No problem reported
		ZODINPUII	13	5	0			
		LALTLANCHHUNGI	13	1	2	2	2	Two students received financial assistance from Student Support Committee.
		LALRINTLUANGI	5	1	0	0	0	Regarding studies they are not very hard working but they are trying.
		MARY LALTHANSANGI	14	1	0	1	0	Two students have reported network problems leading to difficulty in accessing study material and other information
		LALREM RUATI HMAR	10	3	5			
		LALNUNTHARA	9	6	5			
6	CHEMISTRY	DR. LALHMINGLIANA HNAMTE	20	7	7	1	0	Some are having difficulty in concentration
		ZONUNTHARI						
		DR. K.B. SINGH	5	1	1	0	0	They reported no problems.
		R. LALRAMENGZAMI						
		SAMUEL LALLIANRAWNA	13			0	0	No problem reported
7	ELECTRONICS	PROF. B. ZOLIANA	Principal					
		DR. RICKY LALHMANGAIH ZUALA	10	5	6	1	1	Motivated all the mentee to study hard
		DR. P.C. ROHMINGLIANA	7	3	4	0	0	Informed and motivated to study hard
		REGINALD VANLALCHAKA	10	7	4			
8	MATHEMATICS	L.B. SINGH	17	6	7	0	0	No issue during this period
		PARIJAT KUMAR	9	4	3	0	0	Advices given : Stay Home, Stay Safe
		DR. LALAWMPUII	11	3	4			
		DR. LALHMANGAIH ZUALA	10			0	0	No problem reported
		DAVID ROSANGLIANA	11			1	0	No problem reported
9	COMPUTER SCIENCE	M.S.DAWNGLIANI	Maternity Leave					
		LALHRUAITLUANGA	7			0	0	No problem reported
		C. LALRINAWMA	9			0	0	No problem reported
		LALDINGLIANA SAILO	8			0	0	Some cannot concentrate in their studies
		R.LALMAWIPUII	7			0	0	No problem reported
		H.THANGKHANHAU	8			0	0	Mentoring through WhatsApp and Phone Calls. Gave briefing and advice about Online Exam
		VANLALLURA	7			0	0	Encourage the important of education for standard of living. Share used of internet for increase skill and knowledge
		LALSANGZUALI	10			0	0	Mentoring through WhatsApp and Phone Calls. Gave briefing and advice about Online Exam
10	ZOOLOGY	CAROLINE ZAIHMINGTHANGI	12			0	1	No problem reported
		DR. LALZAHAWMI CHENKUAL	21	6	1	0	2	Contacted. Reports no problems
		H.LALNUNSANGI	22	11	5	0	0	No problem reported
		S. THANGRIMAWII	12	1	1	0	1	Most of them find it difficult to concentrate in studies due to various issues related to covid-19

								pandemic
		SAILOPUII	10	3	1	0	0	All the girls said that they could study, whereas the boys find it very difficult to concentrate on their studies due pandemic.
		LALRINMAWIA	12			0	1	introduced virtual Class (Google Classroom) cloud base programming for giving assignments and class notes
11	BIOCHEMISTRY	DR. LALSANGLUAIH FANAI	13			0	2	Some are having difficulty in concentration amidst Pandemic
		LALROSANGPUII	9	4	4	0	0	No problem reported
		K.ZOSANGPUII	Maternity Leave					
		REBECCA VANLALSANGI	10	6	1	0	0	No problem reported

7. UNIVERSITY RANK HOLDER FOR THE YEAR 2019

Rank Holders:-

Sl. No	Roll No	Names	Department	Mark obtained CGPA	Class/Div	Rank
1.	1607BS099	P.C. Lalremtluanga	Physics	7.800	1 st	6
2.	1607BS091	P.C Lalfakawmi	Physics	7.400	1 st	8
3.	1607BS135	Kenny Lalhriatrenga	Physics	7.380	1 st	9
4.	1607BS059	Esther Dimngaihvungi	Chemistry	8.330	Dist.	2
5.	1607BS047	Sylvia Lallawmkimi	Chemistry	8.290	Dist.	3
6.	1607BS010	Vanlaltanpuui	Chemistry	7.700	Dist.	7
7.	1607BS051	Emmanuel Lalrinchhana	Zoology	8.650	Dist.	5
8.	1607BS003	Nick Lalrinmawia	Botany	9.020	Dist.	2
9.	1607BS008	Liandingpuui Pachuau	Botany	8.360	Dist.	6
10.	1607BS033	Lalruatthangi	Botany	8.330	Dist.	8
11.	1607BS126	Nohra Chozah	Geology	8.320	Dist.	3
12.	1607BH006	Vanlaldanhui	Home Science	8.700	Dist.	1
13.	1607BH005	N. Ngaihliani	Home Science	8.180	Dist.	2
14.	1607BH016	C. Lalremruati	Home Science	7.940	1 st	3
15.	1607BH017	P Hanti	Home Science	7.490	1 st	4
16.	1607BH002	Lily Malsawmi	Home Science	7.180	1 st	5
17.	1607BH021	Lalrinzuali	Home Science	7.140	1 st	6
18.	1607BH010	Jessie Lalthlamuanpuui	Home Science	6.890	1 st	7
19.	1607BCA002	Vanlalmalsawma	BCA	8.57	Dist.	1
20.	1607BCA012	K. Laltlanliana	BCA	7.48	1 st	6
21.	1607BCA027	Lalrinchhana	BCA	7.36	1 st	7

ABSTRACT OF THE FINAL YEAR B.Sc, H.Sc, BCA 2019

Sl. No	Class	Hons.	Appeared		TT	Distinction		1 st class		2 nd Class		Total Pass	Pass
			M	F		M	F	M	F	M	F		
1.	VI SEM B.SC	Bot	3	10	15	1	3	2	7			13	86.66
		Zoo	21	26	47	1	5	17	18			41	87.23
		Chem	5	6	44		2	2	3			7	63.63
		Maths	14	4	18			4	2			6	33.33
		Phy	7	4	11			3	2			5	45.45
		Geo	13		13	1		3				4	30.76
2.	VI SEM B.SC (H.Sc)			18	18		2		11			13	72.22
3.	VI SEM BCA		16	7	23	1		3	1	7	4	17	73.91
	TOTAL		69	75	156	4	12	34	47	7	4	106	

8. RESEARCH AND PUBLICATION DURING 2019-2020

I. INTERNATIONAL JOURNAL

Sl. No	Name of Faculty	Department	Paper Name	Journal
1	Laltlankima	Geology	Landslide hazard zonation along World bank road within Aibawk block, Mizoram, India using Geospatial technique	International Journal Of Research And Analytical Reviews (IJRAR) June 2020, Issue 2, E-ISSN 2348-1269, P-ISSN 2349-5138
2	Laltlankima	Geology	Geological investigation for landslide management : Keifang quarry area , Mizoram	Journal of Emerging Technologies and Innovative Research June, 2020, Issue 6 ISSN: 2349-5162 UGC approved journal no 63975
3	Dr. Lawrence Zonunmawia Chhangte	Physics	Determination of Radon Mass Exhalation Rate in the Region of Highest Lung Cancer Incidence in India.	Radiation Environment and Medicine, Vol.8, No.2, 113–117. ISSN : 2423-9097 (PRINT), 2432-163X (ONLINE)
4	Dr. Lawrence Zonunmawia Chhangte	Physics	Seasonal Variation of Radon Concentration in Water Sources using Smart RnDuo.	International Journal for Research in Applied Science & Engineering Technology (IJRASET). Volume 8 Issue VII July 2020, 95-100. 2019
5	Dr. Lawrence Zonunmawia Chhangte	Physics	Estimation of Radon Mass Exhalation Rate and Radium Content in Soil Samples Collected from Kolasib District of Mizoram, India	International Journal for Research in Applied Science & Engineering Technology (IJRASET). Volume 8 Issue VII July 2020, 793-798. 2019
6	Maria Lalhmingmawii	Home Science	A study on Food taboos that prevails among the tribal women within Aizawl District, Mizoram, India.	Journal of Emerging Technologies and Innovative Research Vol 7, issue 6, June 2020
7	Dr. R Lalawmpuii	Mathematics	Analysis of bivariate survival data using shared additive gamma frailty models	Jordan Journal of Mathematics and Statistics (JJMS) 2019
8	M.S.Dawngliani	Computer Science	A Comparative Study between Data Mining Classification and Ensemble Techniques for Predicting Survivability of Breast Cancer Patients	International Journal of Computer Science and Mobile Computing <i>September 2019</i> , ISSN 2320-088X
9	M.S.Dawngliani	Computer Science	Prediction of Breast Cancer Recurrence Using Ensemble Machine Learning Classifiers.	Advances in Intelligent Systems and Computing” (AISC) by Springer April 2020, ISBN: 978-3-030-46828-6
10	M.S.Dawngliani	Computer Science	Comparison of Decision Tree-based Learning Algorithms using Breast Cancer Data.	Lecture Notes on Data Engineering and Communications Technologies by Springer Publication March 2020, ISBN: 978-3-030-43191-4

11	H Thangkhanhau	Computer Science	Prediction of Breast Cancer Recurrence Using Ensemble Machine Learning Classifiers.	Advances in Intelligent Systems and Computing” (AISC) by Springer April 2020, ISBN: 978-3-030-46828-6
12	H Thangkhanhau	Computer Science	Comparison of Decision Tree-based Learning Algorithms using Breast Cancer Data.	Lecture Notes on Data Engineering and Communications Technologies by Springer Publication March 2020, ISBN: 978-3-030-43191-4
13	R Lalmawipuii	Computer Science	Comparison of Decision Tree-based Learning Algorithms using Breast Cancer Data.	Lecture Notes on Data Engineering and Communications Technologies by Springer Publication March 2020, ISBN: 978-3-030-43191-4
14	Remlalsiama	Physics	Determination of Radon Mass Exhalation Rate in the Region of Highest Lung Cancer Incidence in India.	Radiation Environment and Medicine, Vol.8, No.2, 113–117. ISSN : 2423-9097 (PRINT), 2432-163X (ONLINE)
15	David Rosangliana	Mathematics	Gross Enrollment Ratio prediction using Artificial Neural Network	International Journal of Recent Technology and Engineering (IJRTE), volume -8 Issue -5(p 5006-5011), 2277-3878, January 2020

II NATIONAL JOURNAL

Sl. No	Name of Faculty	Department	Paper Name	Journal
1	Dr. C. Zoramthara	Geology	Risk analysis and community based Disaster management plan of Sateek Village, Aizawl District, Mizoram, India	Senhri Journal of Multidisciplinary Studies 2019. Vol-4, No-1, p. 11-20, ISSN: 2456-3757
2	Dr. Lawrence Zonunmawia Chhangte	Physics	Study of Indoor Radon/Thoron Concentration with respect to construction types of dwellings in Mizoram, India	Science and Technology Journal 2019, Vol 6. Issue II. ISSN: 2321-3388
3	Laltlankima	Geology	Landslide hazard zonation mapping of selected part of Aibawk RD block, Mizoram using remote sensing and GIS technique	Natural resource management for development for sustainable development November, 2019 ISBN 10: 81-7019-654-2
4	Laltlankima	Geology	Landslide hazard zonation along Phulmawi village and Tlungvel village road in Thingsulthliah rural development block, Aizawl district	Natural resource management for development for sustainable development November, 2019 ISBN 10: 81-7019-654-2
5	Laltlankima	Geology	Water security plan for Thingsai village, Lunglei district of Mizoram	Natural resource management for development for sustainable development November, 2019 ISBN 10: 81-7019-654-2
6	M.S.Dawngliani	Computer Science	Development of a Model to Predict Breast Cancer Recurrence Using Decision Tree based Learning Algorithms	Think India Journal 10- November-2019, ISSN:0971-1260
7	Lalrinsangi Nghinglova	English	Indigeneity and : Religion; The Mizo context	Journal of Literature and Cultural Studies. ISSN No – 2348-1188
8	David Rosangliana	Mathematics	Status and Perspective of college Teachers of Aizawl in Research Publications	Contemporary Psycho-social issues-1, Chapter 2 (p 21-29) Published by MZU Psychology Alumni Association

9. ACTIVITIES AND ACHIEVEMENTS OF VARIOUS SUB COMMITTEES

I. IQAC

Members:

Chairperson : Prof. B. Zoliana, Principal.

One senior teacher as Co-Ordinator: Lalrinsangi Nghinglova

Teachers to represent at all level :

- (i) Dr. Lawrence Zonunmawia Chhangte, Asst Co-Ordinator
- (ii) Dr. M.S Dawngliani, Asst Co-Ordinator
- (iii) Lalsangkimi Hmar
- (iv) Dr. Lalhmingliana Hnamte
- (v) Dr Lalzahawmi Chenkual

One member from Management : Prof Lalnundanga, Registrar, MZU.

Few senior administrative officers:

- (i) Dr. R Lalengmawia, RUSA Institutional Co-Ordinator & Examination Committee Member
- (ii) H.Thangkhanhau, Web-Master.

One nominee each from Local Society, Students and Alumni:

- (i) J.H Zoremthanga, Secretary, MSSB, by virtue of his high social standing and contribution towards education.
- (ii) Students: Vice President/ General Secretary of Students Union by virtue of office.
- (iii) Alumni: Prseident/General Secretary of Alumni Association by virtue of office.

One nominee each from employers/industrialists/stakeholders:

- (i) Employers: QAC Co-ordinator, Higher & Technical edn, Govt of Mizoram
- (ii) Industrialists: Zothankimi, Director Zonun Matply Pvt. Ltd.
- (iii) Stakeholder: Zonunthari M/O Gabriel Shanplang, 1st Semester B.Sc.

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:

The 2019-2020 session witnessed several changes within the college administration. The erstwhile Co-ordinator Prof B.Zoliana took over charge as the regular principal of the college. In the meantime, the incumbent Principal Laltanpuia took charge as the SPD, RUSA in the office of Higher & Technical education, Government of Mizoram. The IQAC in its meeting on 3.7.2019 appointed Dr.Lalhmingliana Hnamte as the new co-ordinator to be assisted by

Lalrinsangi Nghinglova and M.S Dawngliani as Asst.Co-ordinators. However, due to health issues, Dr.Lalhmingliana Hnamte resigned as the co-ordinator on November 2019.The General body meeting appointed the Asst.Co-ordinator Lalrinsangi Nghinglova as the new co-ordinator and M.S Dawngliani and Dr Lawrence Zonunmawia Chhangte as Asst.Co-ordinators.

Following is a report of the activities of the IQAC during the academic year 2019-2020.

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. *Library Orientation for freshers:* During 3rd -8th July 2019 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 mentors were received by the IQAC and were compiled for inclusion in the college yearbook.
4. *Award for Best Performing Department:* The best performing department was chosen for the academic year 2018-19.In the preceding year Electronics department was chosen as the Best department. The selection was made on the following criteria:
 - i. Regularity of submission of department report
 - ii. Activity of department submitted in their reports
 - iii. Submission of supporting documents and evidence

Based on the above criteria Best Department award 2018-19 was given to the Department of Home science
5. *Publication of Yearbook 2018:* The IQAC felt proper documentation of events and activities is of great importance. Hence a College Yearbook 2018 was published and released on Fresher's social 2019.
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. *National Short training course on Research Methodology:* The IQAC in collaboration with the Research and Seminar sub-committee organized national level Short training course on research Methodology during 12th -17th August 2019 under the auspices of Psychology Department, MZU.
8. *Meeting with sub-committees:* On 26th August 2019 the IQAC had a meeting with 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.

9. *Parents – Teacher Meeting*: The IQAC organized Parents-teacher meeting on 29th August 2019. Separate meetings were held for Home Science and BCA. Feedback was collected from Parents and necessary actions were taken upon their suggestions.
10. *One day NAAC awareness workshop*: One day NAAC awareness workshop was successfully held on 25th September 2019. Two renowned resource persons were invited:
 - i) Professor Lalnundanga, Registrar, MZU
 - ii) Dr Lalbiakzuali, Assoc. Professor GHBC
11. *Self –Defense class for Female students*: The IQAC in collaboration with women’s study committee organized a self-defense class for 5th semester female students on 24th October 2019.
12. *Submission of AQAR*: The new system of AQAR submission and the change of office of Principal resulted in delay of submission. However AQAR 2015-2016, 2016-2017, 2017-2018 were submitted by January 2020. The next AQARs were put up in our portal in early March 2020. However, with the lockdown being in force the date for submission has been extended by NAAC. Hence, the next two AQAR 2018-19 & 2019-20 are being prepared and will be ready for submission by October 2020.
13. *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.
14. *Activities during Lockdown Period*: With major setback imposed by the lockdown due to covid-19 the IQAC turned to technology and digital learning. In spite of the suspension of classes, the institute has continued to reach out to the students through the mentoring system and class whatsapp groups. Following is a list of initiatives taken by the IQAC under the chairmanship of the Principal and in collaboration with other sub-committees.
 - i) *Completion of Syllabus through online classes*: The IQAC took the initiative to ensure that learning continued inspite of the lockdown. It worked in coordination with the Principal and Heads of department to find ways and means to continue teaching in the online mode. Many departments used google classrooms to continue teaching. Materials were provided to students via whats-app.

- ii) *LMS development*: As mentioned above, training had been provided to teachers on e content development. During the lockdown the need for such materials were greatly felt and as many as 27 video tutorials were prepared by the concerned teachers on topics contained in the syllabus. These videos have been uploaded on the college website for students to access anytime.
- iii) *Conduct of tests and assignments*: Tests, internal examinations and assignments were given to the students within a time frame scheduled by the Heads of meeting and IQAC through the online mode. As a result all internal marks were prepared and submitted on time. Students have been instructed to maintain their hard –copy for authentication.
- iv) *On-Line admission*: The IQAC in collaboration with the admission committee has taken the initiative to start online admission system from the new academic session. The technical details were worked out by the Webmaster and endorsed by a joined meeting of the IQAC and admission committee via ZOOM meeting.
- iv) *Monitoring of Mental Health of students* : The IQAC under the chairmanship of the Principal has set up a helpline by appointing the already existing Evangelical and Spiritual Counselling committee as it consist of teachers who have already gained expertise in providing mental and spiritual help to students. The Students were informed through whatsapp and the website about the existence of the helpline.
- vi) *Ensuring safety of female students*: With the lockdown imposed there are reports that Domestic violence is on the rise. The IQAC authorized the women’s studies committee to take necessary action as the college is deeply concerned about the welfare of our students. The Women’s studies committee teamed up with the women and Child cell, Social welfare Department, Government of Mizoram. The women Helpline number was disseminated via whatsapp and college website so that students may reach out for help
- vii) *Online Personality Development course*: The Student Support Committee, supported by IQAC and RUSA was all set to organize the 8th Personality Development Course this year when the Pandemic hit and almost everything we were familiar with had to undergo a change. We had two options: cancel the program or wait for better days. But cancelling the program would be a great loss to our final year students as we believe the course will provide them with life skills that are so crucial for them. So the committee decided to initiate the online mode of the course and made necessary contacts and arrangements. Our resource persons were contacted and they willingly decided to support us in our venture. Our Member Sir H.Thangkhanhau took up the task of arranging the technical details. We decided to use Cisco Webex and the

students were invited through whatsapp to download the app and the join the course which were to be held between 19th June -23rd June 2020 from 5:00 pm. Feedback was collected via online mode after every session and an overall rating on the course showed that the course was a great success. Most of the Resource persons and the courses introduced were rated as excellent. E-certificates were awarded to all participants after the end of the four –day’s session.

- viii) *Collaborations with Imade for add-on courses(online mode)* : Collaborations are underway to start online add-on courses in collaboration with Imade(Innovations in Mobile Application and Development Eco- system) which brings hassle-free quality online education to students from most reputed global institutions such as Harvard, MIT, Stanford, IIM- Bangalore and Imperial Business school. With the university exams around the corner, the courses are yet to be started. Collaborations are being made with IIT Bombay for online spoken tutorial classes for both students and faculty.
- ix) The Student support committee under the supervision of the IQAC has used digital technology to identify students affected economically by the pandemic and other natural disasters. Contributions from teachers were made through online Banking. Collections to the tune of Rs 1,70,600 was received and as many as 17 students who faced financial crisis were given financial support via online banking. This has been done to ensure that student continue their education despite financial crisis and avoid dropping out.
- x) *Appointment of Auditors:* Appointed auditors for endowment Fund, Staff welfare fund and MCTA fund. Also conducted Internal Academic Administrative Audit (AAA)

II. EXAMINATION

Members:

Chairman	: Principal
Secretary	: Dr Rosangliana Dr. R. Lalengmawia H. Lalnunsangi Lalrammawii C Lalrinawma Mimi R Vanlalruati

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:

- a. Formal Meeting conducted four times and informal committee meeting was held several times during the reporting period. Meeting for assorting, arranging and checking the End Semester question was held on one whole day.
- b. Conduct internal practical exams and also end semester practical exams.
- c. Save and compile all cumulative internal marks in theory and practical.
- d. Conduct (two times) internal tests in all Departments in every semester.
- e. The committee took responsibilities in all Exam matter in the College. The end semester Exam during reporting period was conducted smoothly.
- f. All the compile/final marks are uploaded to the University portal provided by the MZU authorities.
- g. Cooperate and communicate several times with the University Exam officials regarding Exams matters.
- h. For a new practice, allotment of seating arrangement and new format for answer papers is used in all internal exams.
- i. Attended in Workshop on Exam matter organized by Exam Department, MZU

Remark

During reporting period, the committee performed all the exam matters smoothly viz: internal tests, compiling marks, issued of documents to the students, invigilation duties assigned to teaching faculties as well as to the office staff etc. All marks scores in internal theory and practical by the students are submitted to the University through online mode.

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:

1. Preparation of admission notice: Sent to Zonet Cable and Vanglaini Newspaper.
 - a) Admission forms given out from 14.5.2019 – 31. 5. 2019
 - b) Application received:
 - i) B.Sc:268
No of candidates selected: 236
 - ii) Home Science: No of application received: 24
No of candidates selected: 24
 - iii) BCA: No of application received: 21
No of candidates selected: 21
Total No of new admission: 271
2. Increase in amount for transportation and maintenance of college bus. (to be included in the college prospectus)
3. Farewell Fund: To be collected from students. The Final year students will pay Rs.300 for 1 semester students, Rs.200 for IV semester and 100 for VI semester students (besides their normal fees)
4. Admission to first semester: online and offline mode of admission will be available. Admission notice to be given the same day that +2 results is declared.
5. Criteria for admission: Only HSSLC marks will be counted. Students securing 55% marks in science (theory) will be given Direct Admission. Others will be selected based on merit.

6. Next meeting of the committee will be held on the first week of May (tentative).

IV. AISHE

Members:

Nodal Officer : Lawrence Zonunmawia Chhangte

Objective:

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

Activities:

Institution “Data Capture format – II” (DCF-II) and “Teacher Information Format” (TIF) of the institution for the Academic Year 2019-2020 was prepared and uploaded to AISHE Portal, <http://aishe.nic.in/aishe/userhome>.



V. COLLEGIATE STUDENT GRIEVANCE REDRESSAL COMMITTEE

Members:

Chairman : Prof B Zoliana

Secretary : Remlalsiama

S. Thangrimawii

Leishangthem Budha Singh

Lalramengmawia, III Sem BSc

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. A new Committee was formed with the instruction of UGC Notification in which the Principal is the Chairman.
2. The name of our Committee is changed to 'Collegiate Student Grievance Redressal Committee since 20.9.2019. Following the instruction in the notification the members of the committee is also reduced to 4 person including Student representative.
2. Respective Professors are requested to identify any kind of Ragging or Grievance that may take place within the campus.
3. The college is free from Ragging and no sign of Grievance or the like is observed during the reporting period either from the teacher or from the students.
4. No complaint letter was received through Anti-Ragging and Grievance cell Box.
5. All Professors are requested to sense at any time any kind of Ragging or Grievance that may take place within the campus.
6. Due to Lockdown College is closed in even semester. No Ragging issues heard during this period.

VI. STUDENT'S UNION

Members:

Chairman: Lalnunthara

Secretary : Dr. Lalzahawmi Chenkual

Dr. Lalhmingliana Hnamte

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. Election of Class Representative was held on 16/7/2019.
2. Election of Student Union Leaders 2019 was conducted on 17/7/2019.
3. College Week 2019 was held during the first Week of September.
4. An appeal was made to the Principal to make sure that all the students wear College T Shirt on every Tuesday and Thursday.
SU Leaders were informed not to participate in any competitions without prior permission from the committee and the Principal
5. As per the decision taken by the Meeting, Incentive Cash Award for meritorious students was distributed on 19/12/2020.

The following awards were distributed:

- i. Cash award for top scorer in all the streams in all the classes @ 1000/- for 18 students (Rs. 18,000/-)
- ii. Cash award for students who secured SGPA 9 and above, but not top scorer in their respective class. @ Rs. 500 for 7 students. (Rs. 3500)
- iii. Special award for 100% attendance @ Rs.500/- for 15 students (Rs.7500)
- iv. Rs. 1000/- was used for banner. Thus the total amount used for this programme was Rs. 30,000/- (Thirty thousand) only

VII. GAMES AND SPORTS

Members:

Chairman: C. Zoramthara

Secretary : Dr. Lalhmangaihzualla

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. The committee, the Students Union In charge and the Students Union leaders had a joint meeting on 28th August, 2019 discussing matters related to College week. Some of the important resolution are i) a college miss and mister organizing committee is constituted ii) the miss and mister contestant, which is used to be chosen from the 1st semester only is revised iii) this organizing committee will have the whole authority in selecting the candidates and organizing a program. As the Students Union leaders already made a draft on the program for the upcoming college week, it will be organized as they have drafted, but from the next college week, the games and sports committee will take care of what discipline the students will contest on and how it will be conducted.
2. A college week is held during 2nd September – 7th September, 2019 under the management of the committee and the Students Union leaders. The students are divided into four houses and competition is held in different discipline such as Football, Basketball, Volleyball, Badminton, Table Tennis, Chess, Debate, Cultural and Western dances, Beat Group and some other enjoyable games. The week went smoothly under the guidance of the faculties and the Students Union.
3. The committee makes a draft on the duty list of the Teaching faculties during the college week. Every teaching faculty is assigned a day to observe and guide the students on their activities. Their presence made a good impact as the Students Union leaders who conducted most of the activity can always turn to them whenever they face problems.
4. Probable participants for the MZU Annual Sports Meet, 2019-2020, have started practicing in various sports discipline under the guidance and supervision of the committee. Due to

Covid 19 pandemic, the practice was cancelled as the MZU Annual Sports Meet is cancelled.

VIII. COLLEGE MAGAZINE

Members:

Chairman: Laltluangkimi Hnamte

Secretary : Lalmalsawmi Chhangte

Lalthanpuui Ralte

H Thangkhanhau

Dr. Lalhmingliana Hnamte

Dr R Lalawmpuii

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 selection of articles for magazine.
- d. To help in editing of college magazine.

Activities:

1. College Magazine released on 12th July,2019
2. Magazine was reviewed
3. Detailed the new magazine editors to cover the college week activities in detail for the next magazine
4. Introduction of the new editors.
5. Chalked out steps that need to be taken in bringing out the new college magazine.
6. Articles, different reports collected. Reports collected from different sources. Few students submitted articles. Due to the pandemic, many things need to be put on hold.

IX. DEBATING, SOCIO-CULTURAL

Members:

Chairman: Lalthanpuui Ralte

Secretary : R. Lalramengzami

Dr Arup Kumar
Laltluangkimi Hnamte
Lalrinsangi Nghinglova
Lalmalsawmi Chhangte
Mary Lalthansangi
Lalrinngheti Ralte
Dr R Lalawmpuii
Dr C Lalmuankimi

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 sub-committee selected 8 students to participate in the LIT FEST on 22nd March, 2019 held at Pachhunga University College. Mrs. Lalrinsangi Nghinglova and Mrs. Lalmalsawmi Chhangte members of the sub-committee accompanied them. Although they didn't receive the prize, we feel honored to participate and the sub-committee meeting resolved to participate in more such events.
2. The sub-committee had an Introductory meet with Students on 2nd August, 2019. 4 represented students attended the meeting. It is resolved that Senhri Cultural Club will be continued at the College but at an appointed time. Student Union (SU) in charge will be fixed the timing. The meeting agreed that Senhri Cultural Club will appoint representative from each class to form Office Bearer (OB).
3. The sub-committee was invited by the Eco-club to judge debate at College. The meeting discussed formation of Literature Club and the committee resolved that Student Union should look into the matter.
4. The sub-committee has received special invitation from the Principal from our College to attend College Week Closing Function at Electric Veng Hall on 4th October, 2019 and the sub-committee members attended the event.

X. SPIRITUAL COUNSELLING

Members:

Chairman: C Lalramdina

Secretary : Laltlanchhungi

Lalhruaitluanga
Lalrinngheti Ralte
Lalhmingliani Hlondo
Lalrintluangi
Dr Lalmangaihzuale
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. Have Prayer meeting, every Monday, Wednesday and Friday.
2. Organised Jumble Sale for fund raising.
3. Celebrated EU Rising Day on 2nd October 2019 at College Auditorium.
4. Representative of Mr Lallungmuana, Hebron Revival team Ministry visited EU members at College Auditorium on 5th February 2020
5. Organised mass prayer joined by students, teaching and non-teaching staffs on 24th march'2020.
6. Helpline for Student's Mental Health and Psychological Guidance on Covid-19 pandemic was made.
7. Due to the Covid-19 pandemic, college is closed, no activities can be done, a mass prayer organised by the Committee was successfully observed by zirtirians from their home place.

XI. REFRESHMENT

Members:

Chairman: Mary Lalthansangi

Secretary : Maria Lalhmingmawii

Lalrintluangi
R Lalmawipuii
Dr Lalmuankimi
Dr Lalmangaihzualla
Dr. Ricky Lalmangaihzualla
Dr P.C. Rohmingliana
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. Observation of Green Mizoram Day on 26.7.2019(Friday) by planting trees in the new campus at Durtlang Leitan was held and refreshment was served for 70 people.
2. On 31.7.2019, 3rd Annual Alumni Day was held on 1st August 2019 at GZRSC Auditorium and refreshment was served for 200 people.
3. On 24.9.2019 One Day Workshop on NAAC Awareness Programme was held and refreshment was served for 70 people.
4. On 14.10.201, Organizing state level workshop on Intellectual Property Rights with reference to Copyright & Plagiarism during 16th-17th Oct,2019. Refreshment was served for 250 people.
5. On 19.10.2019 refreshment was served for 100 people on MLA Subject Committee-II College visit on 21.10.2019.
6. Refreshment was served at the Inauguration for Career Clinic on 28th Aug 2019.
7. Refreshment was served at Parents-Teacher meet on 29th Aug 2019
8. Refreshment was served at the Celebration of Mother Tongue day on 21st Feb 2020.

XII. DECORATION & HALL ARRANGEMENT

Members:

Chairman : Lalsangliani Khawlhling

Secretary : Rebecca Lalnuntluangi

Lalrinngheti Ralte
Lalhmingliani Hlondo
Vanlallawmi
Parijat Kumar
Lalthanzuala
Mimi Lalmuanawmi
K Zosangpuui
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:

All members of the committee set up tables, arranged flowers, put up banner and made seating arrangement as and when needed on all the said programmes organized by the college and sub-committees in the following events:

- 1) Dt.15.7.19 – NSS Orientation Programme held at College Auditorium.
- 2) Dt.1.8.19 – Alumni Day Programme at College Auditorium
- 3) Dt.9.8.19 – Awareness Campaign on Plastic Free City by AMC at College Auditorium
- 4) Dt.12.8.19 – National Short training course on research methodology at Common Room.
- 5) Dt. 28.8.19 – Inauguration of career clinic at College Auditorium.
- 6) Dt.29.8.19 – Parents-Teachers Meet at College Auditorium/Hall/BCA room.
- 7) Dt.16.9.19 – Observation of Ozone day at College Auditorium.
- 8) Dt.16-17.10.19 – Intellectual Property Rights with special references to copyright and Plagiarism at College Auditorium.
- 9) Dt.21.10.19 – Members of Subjected Committee-II Mizoram Legislative Assembly Visits at College Auditorium at lecturer's common room.
- 10) Dt.17-18th January 2020, International workshop at College Auditorium.
- 11) Dt.28th February 2020, National Science Day at College Auditorium.
- 12) Dt.16th March 2020, One day Seminar on Covid19 Awareness at College Auditorium.

XIII. SECURITY

Members:

Chairman : C. Lalramdina

Secretary : C Lalrinawma

Sailopuii

Lalhruaitluanga

Zodinpuii

L B Singh

Dr Ricky Lalhmangaihzuala

Remlalsiama

Lalnunthara

R Lalramengzami

Dr. Lalhmangaihzuala

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. Performed security duty in all college functions such as Fresher's day, college week, university sports, week closing and other such events.
2. There has been a fight among students of life science and physical science of final year's students due to their personal affairs, and the security committee members investigated and talked to students. Committee members went to place of occurrence (Ramhlun Sport Complex) and resolved the issues. The committee members reported to the Principal about the incident and steps taken by the committee.

XIV. CANTEEN

Members:

Chairman: Vanlallawmi

Secretary : Zonunthari

Caroline Zaihmingthangi
Lalthanpuui Ralte
Parijat Kumar
K Zosangpuui
C Lalremruatfela
Dr Fanai Lalsangluaii

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. Selection of new canteen runner/ worker based on interview at Principal's Chamber accompanied by Canteen Committee members for the year 2019- 20 session.
2. Monthly Inspection of canteen by the committee member, regarding cleanliness, sanitation, menu, rates, etc
3. Joint meeting between the committee and canteen staffs was held from time to time for improvement and discussions.
4. A review meeting held on the last working day.
5. Revision of item rates in the canteen.
6. Joint meeting between the committee and canteen staffs was held from time to time for improvement and discussions.
7. A sanction of Rs 9000 for purchase of new microwave oven for Professor's common room has been received from our Principal. But could not be purchased yet due to the current Pandemic situation.

XV. LIBRARY

Members:

Chairman : Principal

Secretary : Librarian, GZRSC

Asst. Secretary : T. Zothangpuii

Dr. Arup Kumar

Lalrammawii

Lallungmuana H.A.

General Sec., S.U

Laltlankima

Lalrosangpuii

M.I. Singh

Objectives:

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

Activities:

- Library Members: All teaching and non-teaching staffs (67 faculties), all regular students of GZRSC (640 students).
- Library rules: Library members are not allowed to use other library card to avoid problems on overdue, charge and loss. In case of lost or damage of books, the borrower should replace it in kind or in cash by paying double the price of the lost book. The librarian may recall any book borrowed by any member at any time.
- Library timings: 10:00-4:00pm on all working days.
- Library Collections:
No of printed Volumes (Books) : 12768
No of Journals/Magazines Subscribe: 4
No of Newspapers Subscribe : 4
No of Electronics Resources : Nil
- Total library collections (printed columns): Subject-Wise distribution

Sl.No	Subject-Wise Distributions of Books	No of books available in the library	No of titles
1	Chemistry	1185	433
2	Botany	932	335
3	Zoology	872	275
4	Bio Chemistry	407	176
5	Home Science	1297	588
6	English	798	66
7	Physics	1223	447
8	Mathematics	1414	372
9	Electronics	512	206
10	Computer Science	1126	345
11	Geology	370	97

- List of Journals/Magazines subscribed:

Sl. No	Title
1	Competition Affairs
2	Down to Earth
3	Careers 360
4	Science Reporter

7. Expenditure on Journal/Magazines (annually): Rs. 3270.00

8. List of Newspaper subscribed:

Sl. No	Name of newspaper
1	Vanglaini
2	The Aizawl Post
3	The Zozam times
4	The Mizoram Post

9. Expenditure on Newspaper: Rs. 6000.00

10. Library Services: Circulation (Lending Service for students and faculties)

Sl.No	Library Users	No of Books issued	Number of days issued
1	Students	3600	120
2	Teachers	500	100

11. Visitors logbook:

Average no of visitors per day: 57

Average no of visitor per month:700

12. Library services: Question banks (old question papers for reference), library has also made provisions for students to refer old question papers for preparing their examinations, students are allowed to use old question papers for preparing their examination. Students are allowed to take photocopy the question papers using their mobile phones and Xerox copy.

13. Library Facilities:

Sl. No	Particulars	Numbers
1	Computer	6
2	Shelves	60
3	Photocopy and printing facilities	1
4	CCTv	1
5	Internet Facilities	Nil

XVI. RECEPTION

Members:

Chairman : Laltlanchhungi

Secretary : Remlalsiama

Zodinpuui

H Lalnunsangi

Caroline Zaihmingthangi

Dr K B Singh

Rebecca Lalnuntluangi

Mimi Lalmuanawmi

Dr. R Lalawmpuui

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:

1. College Alumni day was observed on 1.8.19, 2:30pm. Reception duty was performed successfully.
2. Short term training course on 'research methodology' was conducted on 19.8.19. Registration and reception duty was performed.
3. Parents' teachers meet was held on 29.8.2019. Registration and Reception duty was performed.
4. Awareness campaign on Electors Verification Programme (EVP) was held on 30.9.2019. Reception committee chaired the function besides performing registration and reception duty.
5. Reception and Registration duty were performed during International Workshop on 17-18th Jan 2020. At college Auditorium
6. Reception duty performed at National Science day programme on 28th February 2020 at the college auditorium.
7. Reception duty performed at Awareness Programme on Coronavirus held on 16th March 2020 at the college auditorium

XVI. CLEANLINESS & SANITATION

Members:

Chairman : Lalrammawii

Secretary : C. Zoramthara

S Thangrimawii

Mary Lalthansangi

Zonunthari

Lalremruati Hmar

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. Organized Cleanliness Campaign 2019 in collaboration with NSS Unit, GZRSC on 13th and 16th September 2019 in and around the College Campus. The committee along with NSS Programme Officers visited each classroom and campaigned on the importance of cleanliness and also the effects of hazardous plastic wastes. Being a plastic free college, students were urged to refrain from using single use plastic. Students cleaned the entire college and its premises by picking dirt and plastic waste.
2. As resolved by the committee, sweeping duty roster was prepared and put up in each classroom. Different items needed for cleaning their classrooms and corridors were distributed to the classes. Committee members are divided into four groups and each group conducts a surprise check weekly to determine the cleanliness of the classrooms and points were given accordingly.
3. With the permission of the Principal, the committee decided to give an award to the cleanest classroom during the entire semester.
4. The Committee collaborates with all other committee.

VXIII. ICT

Members:

Chairman : H.Thangkhanhau
Secretary : Laldingliana Sailo
Lalrinmawia
Dr. Lawrence Zonunmawia Chhangte
R Lalmawipuii
Jonathan Lalrinawma
Lalhmunmawii

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) New Broadband Connection: As resolved and approved by the website committee meeting held on the 2nd of August 2019, three (3) new FTTH broadband were connected by the college in the month of August.
The free Wi-Fi (campus Wi-Fi) FTTH broadband was launched with on the 21st of August 2019 by our respected Principal to be used by the students as well as faculties of the college.
- 2) Changing the name of the committee from “Website Committee” to “ICT Committee”:
As resolved by the website committee meeting held on the 2nd of August 2019, the committee submitted proposal to change the name of the committee “Website Committee” to “ICT Committee”.
The General Body Meeting on September 2019 approved the proposal and the name of the committee was changed to “ICT Committee”.
- 3) Updating Website: Website committee updates college website whenever required. All the items or notifications or news received from Principal Office to be upload into website without fail. Not only that, any news item or information received from Faculties, Staffs, etc. are uploaded into college website. Photos of our College New Buildings constructed under RUSA Funding. Different equipment purchased under RUSA is also updated into College website as a photographic evidence.

- 4) Looking after College Official Email: Website Committee in collaboration with Google Inc. offer official email for our college i.e. ____@gzrsc.edu.in which has the same features as Gmail. It means it is as good as Gmail. There are many situations where public emails are not accepted and only official email is accepted. Official email is also one of the first proofs that employees are working in that organization or institute especially in the field of Research and Development.

Website committee look after this official email and created email IDs for all faculties. Recently, official email IDs were allocated to new faculties.

- 5) Uploading Old University Questions in the college Website: Many old University questions were uploaded into the college website by our College Web-master Mr H.Thangkhanhau
- 6) Mobile version of the website: Mobile version of our website was improved by adding upcoming events module, official notifications, and news& report modules.
- 7) Transferring of Web Hosting from Dept of ICT, GOM to public hosting site.
- 8) Implementing LMS (Moodle) in the college website.

XIV. 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. Alumni Day was celebrated successfully on 1st August, 2019 at the College Auditorium. In this Programme, the invited Resource persons gave a talk on Career Guidance, Personality Development and Motivational Speech.
2. The meeting resolved to collect the passed- out student's profile. This task is meant for preparation of the coming NAAC Accreditation as well as maintenance of documents relating to Alumni members.
3. As we are going to face NAAC inspection. For this, the IQAC, GZRSC requested to feed the data of students who passed out from this college and joining further studies and also getting jobs from 2015 to 2019. The task of collecting students data were done by each member of this sub-committee and submitted to IQAC, GZRSC.

XX. RESEARCH & SEMINAR

Members:

Chairman : Dr. Lalzahawmi Chenkual
Secretary : Dr. Ricky Lalhmangaihzualla
Dr. Arup Kumar
Dr Rosangliana
Lalrinsangi Nghinglova
Sailopuii
Dr Fanai Lalsangluaii

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. Organised National Level Short Course Training on Research Methodology in collaboration with IQAC, GZRSC and Dept. of Psychology, MZU at Govt. Zirtiri Residential Science College, Aizawl on 12th – 17th August 2019
2. The Sub-Committee formed seven inter- disciplinary Research Group, each Group prepared Research Proposal in different areas and 3 Group could submit Research Proposal to STRIDE.
3. Organised ‘International Workshop on Tectonic and Its Implications with Special Reference to Indo-Burma Range’ was conducted during 17th -18th January, 2020 at Govt. Zirtiri Residential Science College. There were 12 Organizing members, 6 resource persons and 64 participants in the workshop.
4. Organised the Celebration of National Science Day on 28th February, 2020 at Govt. Zirtiri Residential Science College in collaboration with MISTIC. The theme of National Science Day 2020 was ‘Women in Science’
5. Organised ‘awareness programme on Corona Virus- Covid 19’ on 16th March, 2020(Monday) at College Auditorium, GZRSC. Participants were all teaching and non-teaching Staff, all Students.
6. Incentive given to teachers to encourage participation in national /international seminar.
7. Certificate awarded to teachers who received Ph.d during the last five years.

XXI. DISASTER MANAGEMENT

Members:

Chairman : Dr. C. Lalremruatfela

Secretary : Laltlankima

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. Dr. C. Lalremruatfela (Nodal Officer), Mr. Laltlankima (Secretary) and Mr. Lalnunthara (member) participated in the making of hand sanitizers on 23rd and 24th March 2020. Hand sanitizers were prepared in the College laboratory as requested by MLAs from different constituencies due to COVID-19 pandemic.
2. Published seismic map of Mizoram for June and July. Mizoram experienced a continuous occurrence of earthquakes from the month of June. As these earthquake epicenters were recorded within the eastern part of the state, the committee in consultation with the Principal resolved to publish "Seismic Map of Mizoram" for the month of June and July 2020. The map was prepared using data acquired from National Center for Seismology (NCS) India and United States Geological Survey (USGS) USA. The map shows the locations of epicenters, nearby town and villages overlain on google terrain map using QGIS software.
3. Published major fault lines nearby Mizoram using DEM map. To better understand the occurrence of earthquakes and its relationship with faults, the committee resolved to publish a map highlighting the major fault lines within and nearby Mizoram. The map was prepared by digitizing major fault lines on a DEM map using QGIS software.

XXII. VILLAGE & SCHOOL ADOPTION

Members:

Chairman : Dr. R Lalengmawia

Secretary : Dr. P.C.Rohminglana

Lalthanpuii Ralte

Laltluangkimi Hnamte

Lalrinngheti Ralte

Vanlallawmi

Lalhruaitluanga

Dr. Ricky Lalhmangaihzuala

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:

1. The Committee in its meeting on 15.10.2020 prepared a project proposal for Career guidance programme on 20th November 2019 at Rosebud school, Ramhlun Aizawl but due to unavoidable circumstances this programme was postponed for the next year.
2. The Committee in its meeting on 5.3.2020 proposed to organise the project proposal for career guidance programme on 7th April 2020 at Rosebud school, Ramhlun. However, due to Covid-19 pandemic no activities could be carried out.

XXIII. WOMEN STUDIES

Members:

Chairman : Lalsangkimi Hmar

Secretary : Lalrinsangi Nghinglova

Lalthanpuui 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. Lecture on Protection of women from Domestic Violence conducted for Home science students on 9th August 2019
2. Training on self-defense for final year female students on 24th October 2019
3. Gender ambassadors chosen
4. Organised seminar on women in Science in collaboration with Research and Seminar committee on National science Day which is observed on 28.02.2020
5. With the lockdown due to Covid -19 being imposed there are reports that domestic Violence is on the rise globally. Stay home, stay safe is the instruction given by the government. Yet there are many homes that are not safe. The cell has teamed up with Social Welfare department, Govt of Mizoram to provide help to any student who may be a victim of domestic violence. The cell has chosen the class representatives as “gender ambassadors” and they will assist in identifying victims of such atrocities, if they exist within the college community.
6. Members attended webinars on:
 - a) Gender Implications of Covid-19 pandemic: A way ahead organised by MZU
 - b) Gender issues and impact of Covid-19 on women” organised by MZU

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. Workshop on Copyright

Held on 16th October 2019

Venue : College Auditorium, Govt. Zirtiri Res. Science College, Ramthar, Aizawl-Mizoram

Jointly Organized by : IPR Committee, GZRSC and MISTIC, Dept. of Science & Technology, Govt. of Mizoram

With an aim to provide an interesting training on the importance of the exclusive right given to the creator of a creative work to reproduce their work for the students of Undergraduate students and teaching faculty, a one day workshop on 'COPYRIGHT' was held on 16th October 2019 at College Auditorium, Govt. Zirtiri Res. Science College which was jointly organized by IPR Committee, GZRSC and MISTIC, Dept. of Science & Technology, Govt. of Mizoram and was hosted by IPR Committee, GZRSC.

2. Workshop On Plagiarism

Held on 17th October 2019

Venue : College Auditorium, Govt. Zirtiri Res. Science College, Ramthar, Aizawl-Mizoram

Jointly Organized by : IPR Committee, GZRSC and MISTIC, Dept. of Science & Technology, Govt. of Mizoram

With an aim to provide an interesting training on the importance of the exclusive right given to the creator of a creative work to reproduce their work for the students of 5th Semester Undergraduate students and teaching faculty, a one day workshop on 'PLAGIARISM' was held on 17th October 2019 at College Auditorium, Govt. Zirtiri Res. Science College which was jointly organized by IPR Committee, GZRSC and MISTIC, Dept. of Science & Technology, Govt. of Mizoram and was hosted by IPR Committee, GZRSC.

XXV. CAREER COUNSELLING, PLACEMENT & STUDENT'S SUPPORT

Members:

Chairman : Zodinpuii

Secretary : Lalrinsangi Nghinglova

Dr. Lalzahawmi Chenkual

Lalsangkimi Hmar

Caroline Zaihmingthangi

Lalthanpuui Ralte

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. Conducted CCC for final year students.
2. Distributed endowment Fund to 16 students @2500 per student.
3. Inaugurated Career Clinic on 28th August 2019
4. Organised Career counselling on Alumni Day
5. Seminar on Study Abroad conducted for students on 12th September 2019
6. Conducted training on resume writing.
7. Poor fund to the tune of Rs 41000 was distributed to students in need of financial assistance
8. Career Clinic opened every Wednesday between 2:30-4:00 pm
9. Steps taken for submission of Resume by final year students for placement
10. Special fund collected and disbursed to students facing financial problems due to natural disaster and covid-19
11. Online Personality development course was conducted for final year students during 19.6.2020-23.6.2020.

XXVI. INNOVATION CLUB

Members:

Chairman : Lalhruaitluanga

Secretary : Lalmalsawmi Chhangte

Lalrinmawia

Mary Lalthansangi

David Rosangliana

C Lalngaihawma

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. Visited by official from Small Industries Development Bank of India (SIDBI) to display posters in the college building on 22nd August, 2019. The posters contain informative articles, comic strips etc. on start-ups, government schemes, starting enterprises etc. to provide useful information to the students.
2. Bulletin board furnished by the Club from 17th September till date. The bulletin board near Professor's Common Room has been furnished with awareness on the hazards of single-use plastic.
3. On-going preparation for Exhibition 2019 “An Innovative Approach to Waste Management”. The scheduled date (1st October 2019) is postponed indefinitely due to time constraints. It is expected to be held in next semester.
4. Bulletin board. The Innovation Club bulletin board was furnished with a welcome message and some inspirational quotes for the students to mark the commencement of the semester.
5. On-going preparation for the exhibition ‘An Innovative Approach to Waste Management’. The proposed activity of the Club had to be cancelled due to the Covid 19 pandemic.

XXVII. NATIONAL SERVICE SCHEME (NSS)

Members:

Chairman : Lalnunthara

Secretary : Dr. P.C. Rohmingliana

Lalnunthara

C Zoramthara

Mimi Lalmuanawmi

Rebecca Lalnunluangi

Dr. C. Lalremruatfela

Objectives:

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

Activities:

1. Organised NSS Orientation programme on 15th July 2019 at College Auditorium, 6 P.O and 260 volunteers attended the programme.
2. Observation of Green Mizoram programme on 26th July 2019 in collaboration with Eco Club GZRSC at Durtlang campus. (Observance of Swatch Pakhawda), 5 Programme Officers and 72 volunteers attended the event.
3. Visit to Motherless Babies Home, Tuikual S on 13th August 2019, 6 P.O and 9 volunteers participated in the programme
4. Visit from State NSS Officer Dr. Zirliangnura on 14th August 2019, 5 P.O attend the meeting
6. Cleanliness Campaign at College campus from 13th to 16th Sept. 2019, 6 P.O and 500 volunteers participated in the programme
7. Observation of Nutrition month (Poshan Abhiyaan) on 18th Sept. 2019 at College Campus, 6 P.O and 80 volunteers participated in the programme
8. Celebration of NSS Foundation Day at Vanapa Hall on 24th Sept. 2019, 3 P.O and 17 volunteers participated in the programme
9. Self Defense Training for women volunteers at College Auditorium on 24th October 2019, 4 Programme Officers and 32 volunteers participated in the programme.
10. Attended meeting on Life skill and personality development at SNO office on 5th November 2019, 5 P.O attended the meeting.
11. Attended training on PFMS at SNO Office on 28th October 2019, 3 Programme Officers attended the meeting.
12. Mass Cleanliness Drive was conducted on 16.01.2020 in and around college campus. All Programme Officers and 437 volunteers took part in this programme.
13. Organised Renovation and beautification of Sihhmui Plantation on 10.03.2020, 20 volunteers and 4 Programme Officers were present in this programme.
14. On 28.01.2020, Voluntary Blood Donation for Civil Hospital, Aizawl was conducted at College Campus. 567 volunteers turned up and 137 units of blood was donated (Male-103, Female-34)
15. On 30.01.2020, attended "Programme Officers meeting Inter-Institutional Camp on Life Skills. Leadership and Personality Development Training" at SNO Office.
16. North East NSS Festival on 15.01.2020, deputed 8 volunteers for NE, NSS Festival at Tezpur, Assam.

17. On 18.01.2020, Participated in Walkathon (Fit India Movement within Aizawl City.
18. Inter-Institutional Camp on Leadership and Personality Development: 2nd to 6th March, 2020, Organized Inter-Institutional Camp on Leadership and Personality Development at College Campus.3 programme Officers and 30 volunteers participated.
19. Donated blood for Civil Hospital Blood Bank Aizawl on 09.04.2020.2 P.O and 20 volunteers participated in this event. Donated 15 units (14 male, 1 female)
20. On 23rd & 24th March, 2020 preparation of Hand Sanitizer at the College Laboratory in response to the threat posed by COVID-19.2 PO participated and helped the team
21. On 11th April, 2020, helped Dawrpui Local Task Force to keep social distancing on the distribution point of Seeds at Bara Bazar, Aizawl.15 volunteers (11 male & 4 female) with one Programme Officer participated
22. Special camping was organized at Ramhlun N Basic Mual and Sairang Dinthar village during 10th to 16th March 2020. 4 P.Os and 50 volunteers participated in the programme.
23. Special camping was organized at Ramhlun Venglai, Chhingchhip and Thingsulthliah village during 4h to 10th March 2020. 3 P.Os and 50 volunteers participated in the programme
24. Visiting Orphanage. On 6th June 2020, 3 Programme Officers visited FIWDC, Peace Home ah Durtlang.

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. SPOKEN HINDI

Members:

Chairman : Dr. Rosangliana

Secretary : Dr. Lalzahawmi Chenkual

RUSA Nodal Officers

Principal

Objectives:

1. To promote Hindi Language to the faculty members and students.

Activities:

- 1) The IQAC in its meeting on 17.3.2020 proposed to start spoken Hindi as an add-on certificate course for the coming session. The committee on spoken Hindi is to monitor its implementation. Dr KB Singh and Mrs Laltlanchhungi were appointed as course coordinators. However; the course could not be started as classes were suspended from 17.3.2020 due to covid-19 Pandemic.
- 2) The course co-ordinator Dr KB Singh has selected some common Hindi words to be learnt via whatsapp and the material has been uploaded on the college website.

XXX. ADVENTURE CLUB

Members:

Chairman : Lalnunthara

Secretary : C. Lalremruatfela

Dr. Lawrence Zonunmawia Chhangte

Dr. P.C.Rohmingliana

C Zoramthara

Dr. Lalhmangaihzuala

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. One day training at College campus on 17th July 2019.
2. One day training on 24th August 2019.
3. Participated in Monsoon challenge at Reiek tlang on 30th to 31st August 2019 organized by Inter College YAC.
4. Participated in Non-violence trekking from Aizawl College to Lawipui (Khawhpawp) on 5th September 2019, organised by Inter College YAC.
5. Fund raising (selling chicken) on 11th October 2019. 50kg sold.
6. Fund raising during College week.
7. Club T-shirt released on 17th October 2019 under the Chairmanship of Dr. P.C Rohmingliana.
8. 15th SEARCH AND RESCUE TRAINING (Basic Mountaineering Technique Training). Search and rescue training which was conducted by the Sports and Youth Services on 27th -31st January 2020, 15 members attended this training.
9. SURVIVAL TRAINING CUM RISING DAY - Survival training Cum Rising day was held on 6-7th March at Tuirial Paul L Ralsun (6 semester of physical sciences), Lalliantluanga (4 semester of Life Sciences) and Zomuansanga (4 semester of Life Sciences) participated in this training. The training took place in Vaipuanpho for week with 10 personal trainers and 30 trainees from different colleges and Govt. departments. The training mainly comprised of different techniques in rescuing and giving first Aid in time of disaster. The last night of our training ended with a group discussion on how we see the training and a mock drill at mid-night.

XXXI. NATIONAL CADET CORPS (NCC)

Caretaker Officer: Lalrinsangi Nghinglova

Objectives:

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

Activities:

1. Poster Campaign on clean water: The first activity by the Unit was a poster campaign on clean and safe water. The Cadets made several posters on the theme of clean and safe water and exhibited them on the college corridor. Mrs Zonunthari Assoc. Professor, Dept of Chemistry was invited as a resource person and she spoke on the conservation of water.
2. Mini Marathon: Some of our cadets participated in the mini marathon on 20.10.2018
3. MIZO AIR SQUADRON NCC ANNUAL TRAINING CAMP 2019: Annual Training Camp (2019) for 1Mizo Air Sqn. NCC was held at State Training Centre, Tanhril from 23rd June 2019 for ten (10) days. During the camp, different types of activities such as Drill, Armed Drill, Flying, etc were practised. The camp is basically meant to impart confidence and to develop leadership quality among cadets. The camp was held under the management of the Commanding Officer, Wing Commander S. Nitin. Cadets were looked after with great care under his guidance during the camp. JD/JW cadets from 19 school attended the camp and SD/SW cadets from 4 colleges viz. Gov't. Zirtiri, PUC, GJC and NIT, and SD from Gov't. Mizo. From Govt. Zirtiri Residential Science College 5 SD and 5 SW attended the camp for the first time. They are P. Rosangpuia, Rosiama, CBC Lalsangliana, Lalruatfela, Lalthanpuia, Lalrinzuali, T. Lalruatpuui, Sari Lalzahawmi, Roshni Singh and Daisy. There were approximately 300 cadets who attended the camp. Some PI staff and MI staff also attended the camp to support and perform necessary task at the ongoing camp. Rosangpuia, Lalthanpuia from GZRSC and Lalnunmawia from PUC were chosen as best in skeet shooters. Demonstration for aero-modelling was held among the cadets and demonstrated by CBC Lalsangliana from our Unit.
4. Air force attachment Camp: Cadet R.Lalrosiama attended the Air Force attachment Camp NCC, North East region at Guwahati Air force Station 19 wing, Eastern Air Command from 9.6.2019-23.6.2019. The camp was attended by the other cadets from other Units such as:
 - 1 MIZO AIR SQD NCC -2 cadets
 - 1 NAGALAND AIR SQD NCC -3 cadets
 - 1 MANIPUR AIR SQD NCC -3 cadets
 - 50 ASSAM AIR SQD NCC -2 cadets
 - 51 ASSAM AIR SQD NCC-3 cadetsDuring their camp they visited Base repair Depots, MTO & ACCT section, the Hornbill squadron, Air Force Signal regiment, Fire section, Airmen Selection centre, Helicopter Unit, ATC Guwahati, Repair & Salvage Unit, movement control Unit, National Disaster Response Force. The camp was a great learning experience for the Cadet and the GZRSC unit is proud that its cadet has been chosen to represent the 1 MIZO AIR SQD NCC inspite of the fact that the Unit is not even a year old.

5. Pre Vayu Sainik Camp: 11 cadets from the Unit attended the regional level Pre-Vayu Sainik Camp held at Narangi Military Station Guwahati during the months of September & October 2019. The main events of the camp included Skeet Shooting, Firing, Drill, Tent Pitching, Flying, Aero-modelling. Under academics are included General subject, SOP, Health and hygiene. Classes were held every day on the three academic subjects and 2 tests per week were conducted every week. In between these classes the participants were taken to Guwahati Air Force station for flying lessons. Three cadets from our unit won awards during the camp. They are:
 - i) Lalrinzuali: Gold medal in academics
 - ii) P. Rosangpuia: Gold Medal in skeet shooting (male)
 - iii) Sari Lalzahawmi: Gold medal in skeet shooting (female)
 Cadets with good performance in the series of tests were chosen to go forward to the Vayu Sainik Camp (National level) at Jodhpur, Rajasthan. From our unit three cadets namely Lalruatfela, P. Rosangpuia and Lalthanpuia were chosen to represent Mizoram. Along with 4 other cadets from Pachhunga University College. The AIVSC is the highest camp for NCC Air Wing. Participants from the North East Region (NER) won the best in drill.
6. Pilot drill: On 21.10.2019 the unit performed the Pilot drill to welcome delegates from the Mizoram State Legislature who came to visit our college. The delegates were pleased with the warm welcome exhibited by the cadets.
7. Pre-Republic Day Camp -1(PRDC): Two cadets from our unit namely CBC Lalsangliana and T. Lalruatpuii attended the PRDC -1 at Narangi Military Station Guwahati during 10th Dec-20th December 2019. Cadets from AIR wing, Naval and Army attended the camp. During the camp, drill practices are carried out every day amongst other activities. Competitions are held in items such as cultural, guard of honour, best cadet and YEP.
8. EBSB & Army attachment Camp: Cadet Sari Lalzahawmi from our unit attended the camp at NIT Silchar during 8-19th December 2019. Classes were held regularly for 10 days and were also given practical classes on first Aid skills and CPR techniques etc. Weapon display and dog show were also organised.
9. B Certificate Examinations: Cadets from our college gave the 'B' certificate examinations on 14th March 2020. This examination consists of written exams and Practical Examinations.
10. Other activities: Classes are held almost every Tuesday / Thursday at the NCC office in the morning before college starts. Breakfast is usually provided for the students as they are required to attend classes at the college, Drills are practiced on Saturday mornings at Assam Rifle Ground. Cadets from our unit take part in these events regularly. NCC day was also observed at PUC.

Acknowledgement: The NCC Unit of Government Zirtiri Residential Science expresses its sincerest gratitude to the Commanding Officer, Wing Commander S. Nitin and all the PI staff of 1 Mizo AIR Sqn. NCC for starting a Unit at our college and lending their endless support to ensure that our cadets are successful. The CTO Lalrinsangi Nghinglova having finished her term as the CTO is pleased to handover charge to the new CTO Dr Lalmuankimi who has also been nominated for the post of ANO. They will continue to work together for the benefit of the cadets. We look for more productive years in the coming future. Jai Hind!

XXXII. ECO CLUB

Members:

Chairman : Sailopuii
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. Membership drive was conducted from 9th to 10th July, 2019.
2. 'World Ozone Day 2019' was observed on 16th July 2019 as follows:
Awareness campaign was carried out for 1st semester student. On 16th September 2019, Observance of World Ozone Day programme was organised in collaboration with Mizoram State Pollution Control Board. The function took place at the College Auditorium under the Chairmanship of Mr. Lalngaihawma, Secretary, Eco-Club, GZRSC. Prof. B. Zoliana (Principal) and Mrs. C. Malsawmzuali (Information Officer, Mizoram ENVIS) addressed the participants on the theme "32 Years and Healing". Debate competition on the theme "Ozone Layer Hi a Dam Tawh Viau a ni" was conducted for selected participants. Certificates and prizes were distributed to all participants.
3. 'Green Mizoram Day 2019' was observed by planting trees in new college campus, Durtlang on 17th July 2019 in collaboration with NSS Unit, GZRSC. Eco-Club members from Zoology (Core), members from Refreshment committee and Landscape and beautification committee participated in this event. 54 tree saplings (Chawmzil, Khuangthli, Pangkai, Herhse etc.) obtained from Mizoram Pollution Control Board were planted.
4. "Single Use Plastic Free Drive" was conducted on 30th July 2019 within college campus. Students from 1st semester (Life science) took part in this programme.

5. “Awareness campaign on Plastic free City” was conducted as insisted by Aizawl Municipal Cooperation (AMC) on 9th August 2019, 12:30 p.m. The programme took place at the College Auditorium under the chairmanship of Mrs. Sailopuii, Chairman Eco-Club, GZRSC. Mr. Lalringliana, Deputy Mayor (AMC) was the speaker and students from 1st semester attended the programme.
6. Meeting with Eco-Club members was conducted on 30th September 2019, 2:30 to 4:00 p.m at College Auditorium under the Chairmanship of Mr. C. Lalngaihawma. Awareness campaign was given by Mrs. Lalrosangpuii followed by election for the post of President, Vice President and General Secretary was conducted by Dr. C. Zoramthara.
7. Eco-Club badge for teachers and student members was made following the resolutions made by the committee on 20th September 2019.
Since the college is facing Green Audit the Principal entrusted the committee to take necessary actions for this upcoming audit.
8. The committee is currently working on several tasks like installation of waste segregation bins and structures, compost tumbler, indoor plants to reduce carbon footprint, paper recycling (storage units), chemical waste disposal method and rain water harvesting.
9. Ramengmawia, 4th Semester participated and won 3rd position in “Online Poster Making Competition for Mizoram College Eco-Clubs on the theme ‘Biodiversity Conservation’ organized by Mizoram ENVIS Hub, Mizoram Pollution Control Board on (5th June 2020).
10. Since the college is facing Green Audit the Principal entrusted the committee to take necessary actions for this upcoming audit.
11. The committee is currently working on several tasks like installation of waste segregation bins and structures, compost tumbler, indoor plants to reduce carbon footprint, paper recycling (storage units), chemical waste disposal method and rain water harvesting.

XXXIII. EK BHARAT SHRESTHA BHARAT CLUB

Members:

Chairman	: Prof. B. Zoliana Principal
Nodal Officer	: Dr. Lalengmawia
Coordinator	: Dr. Lawrence Zonunmawia
Student Coordinator	: Cultural Secretary, Students' Union.
Members	: Dr. Lalzahawmi Chenkual Lalrinsangi Nghinglova Mary Lalthansangi Lalthanpuui 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. Meeting at Principal's Chamber to draft the program for 'Mother Tongue Day'(18.2.2020)
2. Celebration of Mother Tongue Day (21.2.2020).Video clip of the celebration of Mother Tongue Day is available in the college website <https://gzrsc.edu.in>.
3. Monthly activity was reported to SPD RUSA as and when request. (March and May Reports given so far)

XXXIV. LIGHT AND SOUND COMMITTEE

Members:

Chairman : Dr. Rosangliana

Secretary : Dr. Lawrence Zonunmawia Chhange

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. Parent-Teacher Meet, Sound, Photography, Projectors for Power-point Presentations and Lighting in the Hall was taken care of by L & S Committee. (29.08.2019).
2. Bell Wiring was modified so that Bell ringer can operate it from Teachers Common Room. Some of the Tube light and Light Bulb in the Teachers Common are replaced. (09.09.2019)
3. Observation of World Ozone Day 2019 cum Debate on Ozone Healing was covered by preparing the Projector for Power-point Presentation, Lighting and Sound System in the College Auditorium, (Organised by ECO-Club GZRSC and Mizoram State Pollution Control Board) (16.09.2019)
4. One Day Workshop on NAAC Awareness Programme, Photography and Projector for Presentation was taken care of by L & S Committee. Organised by IQAC and Research & Seminar Committee, GZRSC (25.9.2019)
5. Awareness Campaign on Electors Verification Programme organised by Election Branch Deputy Commissioner Aizawl was covered by preparing the Sound system in the College Auditorium (30.9.2019)
6. Awareness Campaign Cum Eco-Club Meet with the theme “Environmental Stewardship” was covered by preparing the Sound system in the College Auditorium (1.10.2019)
7. “Workshop on Copyright” was covered by preparing and monitoring the sound system and photography (16.10.2019)
8. MLA Subject Committee-II Visit was covered by preparing and monitoring the sound system and photography(21.10.2019)
9. Preparation for Life Skill Training and Mizoram State Games Guest by taking down the Projectors from all the classrooms and repairing light bulb and their connections (29.11.2019)
10. Checking of Electric Wiring of Boys & Girls Hostel at Durtlang Campus (17.7.2020)

XXXV. 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. The Cell opens its legal clinic twice a week in the college campus to offer legal guidance and services.
2. The Advocate in charge Lalbiakkima was invited as a resource person on observation of Constitution day on 5th February 2020
3. MOU has been drafted and submitted to the office of Mizoram State legal Services Authority

XXXVI. Emergency Committee on College Response to COVID-19

Members: Prof. B. Zoliana, Principal
Dr. Lalzahawmi Chenkual
Mrs Zodinpuii
Mrs. Lalrinsangi Nghinglova
Dr. Fanai Lalsangluaii
Mr H.Thangkhanhau
Dr. Ricky Lalmangaihzualla

Objectives:

The outbreak of Covid-19 has posed a serious threat world-wide. The Virus was first identified at Wuhan, China in December 2019 and since then it has spread across the world. The World health organization had declared it a pandemic and Nations have been fighting the Virus across the globe. What is most worrying about the Virus is that it is highly infectious and there is no known cure or antiviral for it. Vaccine against the virus is still being developed and as the virus spreads across India the only measure we can take as an institute is preventive in nature. The college has urgently felt the need to react to the crisis and has taken some of the preventive measures highlighted as below:

Activities:

1. A committee was urgently constituted by the college on 12th March 2020, comprising of 7 members under the chairmanship of the principal. An emergency meeting was held on the same day.
2. As an outcome of the decision taken by the emergency meeting, awareness Programme on Covid -19 was organised by the committee on 16th March 2020 at the college auditorium. All the students of the college, teaching and non-teaching faculty members attended the programme.
3. Numerous posters /slogans containing important information on covid-19 Viz- symptoms, transmissions, precautionary measures were prepared by the committee in the local vernacular and disseminated through our college WhatsApp groups and other WhatsApp groups
4. As per government Notification No A.1034/1/2019-HTE dt Aizawl the 17th March 2020, classes in the college campus have remained suspended from 17th March 2020 till date, to ensure the safety of our students.
5. In spite of the suspension of classes, the institute has continued to reach out to the students through the mentoring system to ensure that learning is not interrupted as far as possible. The IQAC had earlier taken a decision to introduce LMS (Learning Management system) and had trained a number of teachers to develop e-course content. During this period the webmaster put in extra effort to introduce the system and as a result LMS was initiated on 24th March 2020. Some teachers are conducting online classes /assessment for core groups, study materials are being uploaded on the website and disseminated via WhatsApp.

6. A response team spearheaded by the Department of Biochemistry was constituted under the initiative and funding of the constituency MLA Dr. Vanlalthana and with the support of the Principal. The response team comprised of Bio-chemistry teachers and volunteer teachers and students from other departments as well. The team was constituted to meet the rising demand for hand-sanitizers and to mitigate shortage of a commodity which is crucial in prevention of the virus spread. 1210 liters of hand sanitizers were prepared on the 23 & 24th of March 2020 at the college laboratory as per WHO guideline. The Product was distributed to the Local task Force
7. With the rising demand for protective gears, a need was felt by the college to respond to the growing need of the Community. A new response team to stitch protective mask was again constituted with volunteers from Home Science Department and with funding from the constituency MLA. The work has started from 28th March 2020. Materials were delivered to the homes of the volunteers with utmost precaution and they have been stitching the masks from the safety of their homes taking all necessary safety measures. A total of 1218 masks were stitched some of which were dispatched for use at the Bairabi and Mamit border. They were handed over to the District level Task force Office by the Principal on 22nd April 2020. Some masks were distributed to the Directorate of Higher & Technical Education and the Office of RUSA SPD on the same day. The rest were distributed by the Constituency MLA who had funded the materials
8. The department of Biochemistry prepared an article on covid-19 (nature, transmission, precautions etc) in the local vernacular to create awareness to the local community especially those living in the rural areas. The articles have been published in several local bulletins
9. The teaching and non-teaching faculty of the college donated one day salary amounting to Rs 3,48,895 (Three lakhs forty eight thousand eight hundred and ninety five only) towards the Chief Minister's relief Fund for Covid -19 on 12th April 2020
10. The NSS unit of the college donated 15 units of blood to Aizawl Civil Hospital to meet emergency requirements during the Lockdown. NSS unit of the college sent several volunteers to help in maintaining Social Distancing at Bara Bazar on 11th April 2020. NSS P.Os had assisted in the making of the hand sanitizer at the college during 23 & 24th march 2020.
11. In response to the letter D.O No Secy (HE)/MHRD/2020 dated 4th April 2020 received from the University grants Commission the IQAC, under the chairmanship of the principal has set up a helpline by appointing the already existing Spiritual counseling sub-committee to spearhead the task of providing mental support to students. The Sub-committee had chosen the committee as it consist of teachers who had already gained expertise in providing mental and spiritual help to students. A helpline has been created thereafter and students have been made aware of the same.
12. Regular mentoring of students has continued. Faculty members have been reaching out to the students through the mentoring system. Learning has continued through the system and the physical and mental well-being of the students has also been monitored through the mentoring system. Each mentor has contacted his/her mentees and has submitted their report to the heads of Department who in turn have submitted the departmental report to the principal. From the reports received it can be concluded that there are no students who are experiencing any kind of physical or mental problem. Most of them are staying in their own homes with their families during the lockdown and have continued with their studies through online classes (google classroom), notes disseminated through whatsapp etc

Assignments have also been given and assessed via whatsapp and email

13. Students in need of financial assistance due to the lockdown as well as Natural hazard occurring in their villages have been identified through the mentoring system. Teaching & Non – teaching Faculty members including two ex-principals of the college have donated money towards the cause and have been distributed to the needy students.
14. The video link of the Ministry of Health & Family Welfare have been uploaded on our college website. Thee link contains practical tips to take care of mental health minding our minds during the Covid-19, etc.



10. ABSTRACT OF EXPENDITURE FROM NEW INFRASTRUCTURE AND FACILITIES ACQUIRED

(i) Receipt

Sl No.	Amount	Remark
1.	90,00,000/-	Vide SPD (RUSA) Letter No. G.21015/2/2015-SPD (RUSA)/ Infra Dated Aizawl the 4 th July, 2019.
2.	10,00,000/-	Vide SPD (RUSA) Letter No. G.21015/1/2016-SPD (RUSA) Pt1 (Infrastructure) State Share.
3.	45,00,000	2 nd Instalment of Infrastructure Grant (Central Share) Vide SPD (RUSA) Letter No. G.21015/2/2015-SPD (RUSA)/ Infra Dated Aizawl the 27 th July, 2020.
4.	5,00,000	2 nd Instalment of Infrastructure Grant (State Matching Share) Vide SPD (RUSA) Letter No. G.20015/1/2016-SPD (RUSA)/ Pt-1 Dated Aizawl the 27 th July, 2020.

(ii) Expenditure

A. Constructions and Renovation/Upgradation of existing facilities

Sl. No.	Expenditure Head	Amount Utilised	Sanction No
1.	To R Lalnunsanga, Proprietor MW Venture, Chhinga Veng, Aizawl, Preparation of DPR for construction of Academic Building at Durtlang Campus	4,38,837/-	No.B.13011/4/16-GZRSC (RUSA)/5-6/19 Dt. 5.8.2019
2.	To Chairman, Skyridge Construction, Ramhlun South, Mobilisation Advance and Plant Machinery advance for Construction of Academic Building at Durtlang Campus	1500000/-	No.B.13011/4/16-GZRSC(RUSA)/15-16/19 Dt. 11.8.2019
3.	Chairman, Skyridge Construction, Ramhlun South, Vertical extension of Academic Building at Durtlang Campus	12,00,000/-	No.B.13011/4/16-GZRSC (RUSA)/17-18/19 Dt. 11.8.2019
4.	Chairman, Skyridge Construction, Ramhlun South, Construction of Academic Building at Durtlang Campus	62,00,000/-	No.B.13011/4/16-GZRSC (RUSA)/73-74/19 Dt.6.12.2019
5.	To Chairman, Skyridge Construction, Ramhlun South, Running account bill for Construction of Academic Building at Durtlang Campus	30,85,900/-	No. B 13011/4/16-GZRSC (RUSA)/5-6/20 Dt. 24.8.2020

B. Purchase

(i) Office & Classroom Furniture

Sl. No	Particulars	Amount	Utilised	Balance	Remark
1.	Teacher's Table 8 Nos.	83,600	83,600	Nil	Placed in Teacher's Common Room
	TOTAL	83,600			

(ii) Computer & Peripherals

Sl. No	Particulars	Amount	Utilised	Balance	Remark
1.	Computer Scanner	32600	32600	Nil	Used in Examination Office
2.	Purchased of Projectors, Installation and Electrification	474963	474963	Nil	Different Classrooms
3.	UPS 600VA & 3 Nos. Printer	36400	36400	Nil	Used in Examination Office
4.	MacBook Adaptor, Screen Motorize	19100	19100	Nil	Used by RUSA Coordinator
	TOTAL	5,63,063/-		Nil	

Total Receipt : Rs. 1, 50, 00,000/-

Total Expenditure : Rs. 1, 30, 71, 400/-

(a) Purchase : Rs. 6, 46, 663/-

(b) Construction & Upgradation : Rs. 1, 24, 24,737/-
Balance : **Rs. 19, 28, 600/-**

11. ABSTRACT OF EXPENDITURE FROM EQUITY INITIATIVE GRANT

(i) Receipt

Sl No.	Amount	Remark
1	Rs. 638889/-	Vide SPD (RUSA) Letter No. G.21017/2/2016-SPD(RUS)PT-I; Dated Aizawl the 15 th March, 2019
Total	Rs. 638889/-	

(ii) Expenditure

Sl. No	Particulars	Amount	Remark
1.	Personality Development Course 2019	29890	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/7-8/19. Dt. 5.8.2019
2.	Workshop on Life Skills & Food Adulteration, Village Adoption Committee	7300	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/9-10/19 Dt.5.8.2019
3.	National Training Course on Research Methodology for Teaching Faculty of the Institution.	45000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/11-12/19 Dt.22.8.2019
4.	Observance of Alumni Day and Career Counselling & Personality Development.	15040	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/19-20/19 Dt.18.9.2019
5.	Awareness on Protection of Women from Domestic Violence.	4500	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/21-22/19 Dt.18.9.2019
6.	Inauguration of Career Clinic conducted by Student Support Committee, GZRSC.	4100	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/23-24/19 Dt.18.9.2019
7.	Observance of World Ozone Day 2019 cum Debate on Ozone Healing.	8500	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/29-30/19 Dt.27.9.2019
8.	Conducting Remedial Class for BCA students	24300	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/31-32/19 Dt.15.10.2019
9.	Remedial Class for Electronics students.	14500	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/33-34/19 Dt.15.10.2019
10.	Conducting Remedial Class for Chemistry students.	17000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/35-36/19 Dt.15.10.2019
11.	Conducting Remedial Class for Zoology students.	14000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/37-38/19 Dt.15.10.2019
11.	Conducting Remedial Class for Botany students.	14000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/39-40/19 Dt.15.10.2019
12.	Conducting Remedial Class for Geology students.	12000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/41-42/19 Dt.15.10.2019
13.	Conducting Remedial Class for Mathematics students	12000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/43-44/19 Dt.15.10.2019
14.	Conducting Remedial Class for Physics students.	12000	Sanction Order No. B.13011/4/146-GZRSC (RUSA)/45-46/19 Dt.15.10.2019
15.	Conducting Field Trip at Silchar for 5th Semester Home Science students.	36780	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/47-48/19 Dt.15.10.2019
16.	Conducting Field Trip at Thenzawl for 5th Semester Zoology students.	32670	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/49-50/19 Dt.15.10.2019
17.	Conducting Field Trip at Kolasib for 5th Semester Geology students.	33000	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/51-52/19 Dt.15.10.2019
18.	Conducting Field Trip at various places for 5th Semester Chemistry students.	52000	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/53-54/19 Dt.15.10.2019
19.	Conducting Computer Clinic on 24.10.2019	6500	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/55-56/19 Dt.15.10.2019
20.	Conducting Exhibition on an Innovation approach to waste management	110000	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/57-58/19 Dt.15.10.2019
21.	Observance of patients at Synod Hospital by Home Science Student	2810	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/59-60/19 Dt.15.10.2019

22.	Visit to Zopar Nurseries, Vaipuanpho and Reiek Forest, Botany Students	25950	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/61-62/19 Dt.15.10.2019
23.	Conducting Awareness Programme at Adopted School, Village Adoption Committee	14000	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/63-64/19 Dt.15.10.2019
24.	Conducting Self Defence Class for V Semester female students.	10000	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/65-66/19 Dt.15.10.2019
25.	Conducting Spoken English Class for Ist Semester students.	35000	Sanction Order No. B.13011/4/146-GZRSC(RUSA)/71-72/19 Dt.8.11.2019
	TOTAL	592840/-	

Total Receipt	:	Rs. 6, 38, 889/-
Total Expenditure	:	Rs. 5, 92, 840/-
Balance	:	Rs. 46, 049/-

12. REPORTS ON NON-TEACHING STAFF

Sl.No	Name of Faculty	Designation	Duty assigned
1	PROF. B. Zoliana	Principal	College Supervising
2	F. Lalthanzuala	Assistant	Office Supervising
3	H. Lalrinzuali	UDC	Dealing of Office File
4	R. Lalfakzuali	Lab. Assistant	Duty at Laboratory
5	K. Hmingthantluangi	Lab. Assistant	Duty at Laboratory
6	Lalthianghlma	LDC	Account Works
7	Lalrochanga	LDC	Cashier
8	Zarinpuii	LDC	Library
9	T. Zothangpuii	Lib. Assistant	Library
10	Biakchungnunga	Driver	Driving
11	C. Zakima	G-IV	Lib. Room Duty
12	F. Lalsangluaia	G-IV	Office Room Duty
13	K. Laltlanmawia	G-IV	Office Room Duty
14	Helen Vanlalruati	G-IV	Office Room Duty
15	Lalsawmi	Lab. Bearer	Lab. Duty
16	Lalhuzami	Lab. Bearer	Lab. Duty
17	PC Lalmangaihthanga	Lab. Bearer	Lab. Duty
18	Lalmalsawma	Bus Conductor	Look after College Bus
19	Lalthatluanga	G-IV	Rider
20	V. Vanlalruata	Bus Driver	Bus Driving

Activities Conducted during the year 2019-2020

1. Cleanliness work of office and Class Room on 30.9.2019
2. Cleanliness of Office and Class room including office compound on Dt.7.8.2020

Training Attended (if any):

Sl.No	Name of Faculty	Training attended	Duration
1.	V. Vanlalruata	Personality Development & Etiquette for Driver	Dt. 6.11.2019

APPENDIX – I

GALLERY







GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE, AIZAWL, RAMTHAR







APPENDIX – II

REPORT AND FEEDBACK ON FINANCIAL ASSISTANCE GIVEN TO STUDENTS DUE TO COVID-19 AND NATURAL DISASTER AT HLIAPPUI

Lalrinsangi Nghinglova
Secretary
Student Support Committee

Even as the nation was in lockdown due to Covid-19, and staying home was one of most essential prevention one could take in view of the fact that no treatment and vaccine has been discovered, another disaster struck the village of Hliappui in Mizoram whereby due to the severe hailstorm some homes were rendered uninhabitable. The teachers of our college instantly contacted their mentees to find out victims of the natural disaster and identified some of them. The Faculty (Teaching & Non-teaching) felt the need to offer financial support and donated towards a special Endowment Fund. Two ex-Principals of the college generously donated toward the same cause. The total amount collected towards financial assistance was Rs 172,600. With the tremendous response from the faculty, a need was felt to reach out to students who are undergoing financial crisis due to the Lockdown. The student Support committee was entrusted with the task of identifying students in need of financial assistance due to the lockdown and the disaster to find ways of disseminating the fund to them. The emergency meeting of the student support committee identified 17 such persons and worked out methods of disseminating the same.

Following is a summary of some of the responses received from students. Their responses have been translated into English.

Student 1

The Principal
Govt. Zirtiri College
Aizawl, Mizoram
Ref: LAWMTHU SAWINA
Kapu,

A hmasain in zirlai Tv. Lalawmpuia 4th semester Physical Science chhungte aiawhin chibai ka buk a che. Kan nau Ampuia tha takin into enkawla a zirna piahlahmah a mimal nun thlenga in lo ngaihsak a in lo chhawmdawl thin hi kan lawm tak zet ani. Tun hnaia kan khuua chhhatna rial lian tlak avanga harsatna hriatthiapui a nang leh i staff ten an chawmdawl na sum tam tham tak mai in lo hlan hi kan lawm takzet ani. Kan beisei leh mithla phak bak a tam in lo hlan avangin in chungah thinlung takin lawmthu kan sawi tak meuh meuh a ni. Zirtirna piah lama hetiang in zirlai te in inpekna hi Lalpa'n a let tam takin malsawm che u sela tih hi kan duhthusam ani. Tin zirtirtute'n in zirlai in zirna piahlahmah student insemi an dinhmun thlithlai reng thin tih te kan hria a. Hetiang ang teacher leh institution angah kan hriat awm chhun inni a. In fakawm kan ti hle a, in kalzelna tura duhsakna che u in malsawmna dawng zel turin duhsakna kan hlan che u .Kan nau hi a tih diklohna leh fel lohna ah chuan in lo hauin in lo zilh bawrh bawrh dawn nia. In zavai chungah lawmthu kan han sawi nawn leh mawlh mawlh a ni e. GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE VUL ZEL RAWH Se

In Malsawmna dawngtu
Sd/-
(LALTHASANGA)
Kanan Veng, Aizawl

Translation

Sir,
First of all, I bring you greetings on behalf of the family of Lalawmpuia, 4th semester (Physical) student of your college. We want to thank you for not only taking care of his academic life, but also for taking

active interest in his personal life and providing him with financial assistance. Recently our village was hit by a natural disaster and many houses were destroyed by the severe hailstorm. The Principal and Staff of your college rose to the occasion and supported us with a substantial amount of money which was beyond our imagination. May God bless you and the institute for providing such support to your students in addition to the teaching you provide them. I have also learnt that in addition to the teaching provided by the students, your institute takes active interest in their well-being and financial situations as well. Your institute is the only one that I know that has such a commendable practice of distributing students and monitoring them so carefully. You deserve to be lauded and I wish you all the best in your future endeavour. You may kindly discipline and advice my ward whenever he needs counselling. My sincere thanks to the entire college staff. Long Live GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE!!!

Student 2

Tawng hi ka thiam lo em em a, ka thiam ang tawkin ka zia ve a chhiar dan min lo thiam sak dawn nia. Ka hming chu Vanlalmalsawmdawngzeli a ni a , 3rd semester zir tur ka ni a. Ka admission tura ka tih chu lockdown avangin kan hmang zo vek a, mi inah te awmin exam fee tur te chu ka thawk chhuak thei hram a, mahse lockdown a rei avangin ka pawisa bang chu kan hmang zo leh baw si a. Ka harsatna chu hria in Student Support Committee chuan ka Exam Fee min pe let in ka Admission Fee min tum sak a, ka lawm em em a, Pathian in a let tam takin malsawmin vur che u rawh se. Kei pawh tha deuhin lehkhah ka zir ang a, tha deuhin zir chhuah ngei tum in ka bei ang. Kan college ang a tha leh zirtirtute min ngaihsak em em na a ka lut thei hi ka lawm em em a ni. Ka chungah in thil tih avangin ka lawm tak zet a, Pathian in a let tam takin malsawna in vur zel che u rawh se.

Translation

I'm not very good at expressing myself. I have done my best in writing down my gratitude and I hope my readers take it in good spirit. My name is Vanlalmalsawmdangzeli who is to be admitted to 3rd semester B.Sc. The money I had saved up for college admission had to be used for other purposes due to the lockdown. I tried to earn some money for the exam fees by doing household chores at other people's homes, but whatever I saved up from there also finished due to the lockdown. When the student support committee heard my plight they reimbursed my exam fee and provided money for admission for which I am so grateful. May God bless you all abundantly. I have been motivated to study hard and do my best. I am fortunate to be admitted to such a good college where teachers show so much concern for their students. I am so grateful for the kindness you have shown me. May God bless you back abundantly for everything you have done to me.

Student 3

Miss, ka lawm lutuk e aw, ka lawm tak zet zet e, mahse ka inthlahrunghin zah chu a na ve duh khawp mai, min tanpui tu zawng zawng Pathianin a let tam takin vur che u rawh se, ka dam chhungin ka theihngihl theih tawh ngailo ang ,Pathian hmingin lawmthu ka sawi tak zet zet aw.(Frankie K.Lalhruaisanga IV Sem B.sc)

Translation

Thank you so much Miss. As much as I am grateful I feel a bit embarrassed to receive this financial aid. May God bless all those who have helped me. I will never forget this act of kindness in my entire life. I thank you all in the name of God.

Student 4

Chhiat kan tawh chung chang a zirtirtu ten min ngaihtuahna leh ngaihsak zia kan hriatin kan lawm hle mai, inzarah thlamuang takin kan awm theih phah a, lawmthu han sawi vak dan pawh kan thiam lova, chhungkaw aiawh a thiam ang tawka lawmthu sawi hi kan tih theih ang taw chu ani mai sia, in zavai chhungah kan lawm tak zet e.

Translation

The care and concern that my teachers have shown to me in the midst of our misfortune is comforting and I am so thankful for it. I am not very good at expressing my gratitude but on behalf of my family I wish to thank you from the bottom of my heart.

Student 5

Hello

Henry L Hmar B.Sc Life Science II sem zirlai ka ni a, Vaitin khua atangin Zemabawkah in kan luahin kan college ah hian kan lut ve a. Chhungte support na leh ka theih ang ang a inhlawhfa chungin ka lo kal ve thin a. Nihmahsela kan zirna senso min tum sak thintu ka u in rokhawlhna avangin min lo support theih loh bakah Lockdown avangin in hlawnhna ka hmuh mai loh avangin sum lamah harsatna lian tak kan tawh a, College pawh chhonzawm thei tawh lo hial tur a ka inngaih laiin “Students Support Fund” in Rs10,000/- lai min pe hi ka lawm tak meuh meuh a, hemi atana pawisa thawh tu zawng zawng te in chungah thinlung takin lawmthu ka sawi a. He in mi support na hian ka zirlai ah leh ka hringnunah chona leh phurna thar min pe a, beidawng mai lo turin huaisenna in min tuam thar bawh. In mi support na zarah theih tawp chhuah a ka zirlai te ka zo thei anih chuan nangmahni angin tanpui ngaite tanpuitu leh midang tana malsawmna thlentun ngei turin theihtawp ka chhuah zel dawn a ni. Ka lawm e.

Translation

My name is Henry K. Hmar a student of II semester Life science. I come from Vaitin Village and at present I reside in rented house at Zemabawk locality from where I attend college. I was able to attend college with the support I got from my family and the little earnings I make from doing small tasks. Unfortunately my sister who had been providing for my studies was unable to give me financial support and I was not able to find part time job due to the lockdown. As a result I faced deep financial crisis and was no longer in a position to continue my studies. The Student Support Committee heard about my problem and gave me Rs.10000 from the fund they had collected from teachers. I wish to thank all the faculty members who contributed towards the fund. Your act of kindness has motivated and challenged me and has given me the hope and strength to face the odds in life. With your support I will do my best and like all of you I will try to help others and be a blessing to them. Thank you.

Student 6

Ka va lawm dawn ve, chutih rualin a dawngtu nih a zahthlak kan ti letling hle mai, in zirlai te in lo hmangaih zia kan hriatin lawmthu kan sawi mawlh mawlh a ni e, in zavaiin kan zirtirtu min hmangaih tute Lalpan a let tam takin malsawm che u rawh se. (Mesak Reamlalmuanpuia)

Translation

I am so thankful and at the same time embarrassed. I have realised how much you love your students and I wish to thank you fervently. May God bless all my teachers who love me so much!!!