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

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

The term ethics and values education 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 adopted certain rules and regulations by which teacher-student and student – student relationships are maintained. Primarily, it has also adopted and followed 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.

#### Teachers 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 community service.

## **II. Teachers and Students**

### **Teachers should:**

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

## **III. Teachers and Colleagues**

### **Teachers should:**

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

## **IV. Teachers and Authorities:**

### **Teachers should:**

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

## **V. Teachers and Non-Teaching Staff:**

### **Teachers should:**

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

## **VI. Teachers and Guardians**



**Teachers should:**

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

**VII. Teachers and Society****Teachers should:**

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

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

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

## GENERAL RULES OF DISCIPLINE FOR STUDENTS

### 1. SMOKING

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

### 2. DRINKING

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

### 3. CELL- PHONES

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

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

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

## RULES OF DISCIPLINE IN CLASS ROOMS AND LABORATORIES

### 1. LATE ARRIVAL

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

### 2. CLASS TESTS/INTERNAL EXAMS

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

### 3. ATTENDANCE MATTER

- a) All students are expected to be regular in attendance
- b) A student must 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.

**5. MATTERS RELATING TO ATTENDANCE BY-PROXY**

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

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

## 2. ANNUAL DEPARTMENTAL REPORT (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): 857504608

c) Email: fanai.amie@gmail.com

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

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

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

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

The subject books in the library are 410 nos, supplemented by 659 books in Botany and 642 books in Zoology. Recently, added by few more books from 20 different authors. 2 (two) subject specific / allied journals are being subscribed along with numerous E-books.

### 5. Teaching Faculties in the department:

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Laltanpuia-Attached to State Project Dir (RUSA), Dept of H&TE, wef 16-08-2019.	Associate Professor	MSc, NET	Biochemistry	28 years
2	Dr. Fanai Lalsangluaii (Head)	Assistant Professor	Msc (Biochemistry) NET, PhD	Biochemistry	13 years
3	Lalrosangpuii	Assistant Professor	Msc (Biochemistry) NET- CSIR JRF, SET	Biochemistry	8 years
4	K. Zosangpuii	Assistant Professor (contract)	Msc (Biochemistry) SET,	Biochemistry	9 years

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

#### 6. Number of Teaching and NonTeaching Staff in the Department:

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

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

# (Core Syllabus put up for approval)

#### B. Sc BIOCHEMISTRY (Elective Subject)

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.

Sem		Course code	Course content/ Paper	Component	Category	Credit	Maximum marks		
							Cont. assmt	Sem Exam	Total
			Basic Biochemistry	Theory	EC	4	25	75	100
			Practical (based on BC-1)	Practical	EC	2	25	75	100
				<b>Total</b>			<b>50</b>	<b>150</b>	<b>200</b>
			Physiological Chem. & Metabolism I	Theory	EC	4	25	75	100
			Practical (based on BC-2)	Practical	EC	2	25	75	100
				<b>Total</b>			<b>50</b>	<b>150</b>	<b>200</b>
			Enzymology & metabolism II	Theory	EC	4	25	75	100
			Practical (based on BC-3)	Practical	EC	2	25	75	100

			<b>Total</b>				<b>50</b>	<b>150</b>	<b>200</b>
		Molecular Biology	Theory	EC	4	25	75	100	
		Practical (based on BC-4)	Practical	EC	2	25	75	100	
			<b>Total</b>				<b>50</b>	<b>150</b>	<b>200</b>

**8. Students Particulars:**

Sl. No	Semester	Applications received 2020-2021	Selected 2020-2021	Enrolled		Pass percentage
				M	F	
1	I Semester	40	32	18	14	100%
2	II Semester		21	14	7	100%
3	III Semester		37	11	26	100%
4	IV Semester		37	11	26	100%
5	V Semester					
6	VI Semester					

**9. Student - Teacher Ratio:****10. Annual Average Attendance Percentage of the Student: 100%****11. Study tour conducted under year of report: nil****12. Awards / Recognitions received by faculty and students:)**

1. M. Buingangchui ,3<sup>rd</sup> semester student received 3<sup>rd</sup> Prize in Online Article Writing Competition on Ozone for life: 35 years of Ozone Layer Protection on Observance of World Ozone Day 2020.

2. A Certificate of Appreciation was awarded to the Department of Biochemistry by the MLA, Aizawl North II Constituency in recognition of their exemplary work and dedication in serving the society amidst the Pandemic. In response to the threat during the 2<sup>nd</sup> Wave of Covid- 19 Pandemic, a community service was rendered by Department of Biochemistry during May- July 2021. During the period 390 litres of Hand Sanitizers were prepared based on the standard WHO Protocol.

**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	Whether College/University/State/Regional/National/International
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1	Dr. Fanai Lalsangluai	International Webinar on Recent Advances in Science: Mankind and Change	Govt. Serchhip College	2 days (6 <sup>th</sup> - 7 <sup>th</sup> July 2020)	International
		Refresher Course	HRDC- MZU	2 weeks (7 <sup>th</sup> - 20 <sup>th</sup> July 2020)	University
		International Webinar on Natural Disaster	IQAC, Govt. Champhai College	1 week (20 <sup>th</sup> – 24 <sup>th</sup> July 2020)	International
		Faculty Development Programme on E- Teaching	Research & Seminar committee, GZRSC	5days (30 <sup>th</sup> July – 4 <sup>th</sup> Aug 2020)	College
		National Webinar on Intellectual Property Rights	GZRSC & MISTIC	2 days (10 <sup>th</sup> – 11 <sup>th</sup> August 2020)	National
		Faculty Development Programme	Spoken Tutorial Project, IIT Bombay	5days (24-28 <sup>th</sup> August 2020)	National
		New Education Policy 2020: Issues and challenges for Higher Education in Mizoram	Department of Education, Hnahthial College	1 day (17 <sup>th</sup> Oct 2020)	National
		BOS Meeting of Biotechnology	MZU, Dept of Biotechnology	1 day (27 <sup>th</sup> Oct 2020)	University
		Meeting of Exam Co-Ordinators	Exam Dept, MZU	1 day (27 <sup>th</sup> Oct 2020)	University
		National webinar on diet for building immunity and documentation of Lusei traditional textiles	Government Zirtiri Residential Science College	1 day (29 <sup>th</sup> Oct 2020)	National
		National webinar on Gender Issues	Research & Seminar committee ,GZRSC in collaboration with Women Studies Comt, GZRSC	1 day (30 <sup>th</sup> Oct 2020)	National
		25 <sup>th</sup> School Board Meeting	MZU, School of Life Sciences	1 day (4 <sup>th</sup> Nov 2020)	University
		National webinar on Celebration of National Education Day, 2020	Government Zirtiri Residential Science College	1 day (11 <sup>th</sup> Nov 2020)	National

	Invited Lecture on the occasion of Faculty Exchange Programme on Topic- Plasma Membrane & Membrane Transport System	Dept. of Biochemistry, GZRSC & Dept. of Biotechnology, Pachhunga Univ. College	1 day (16 <sup>th</sup> Nov 2020)	College
	National Webinar on Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, GZRSC in collaboration with Research and Seminar Comt. GZRSC	1 day (17 <sup>th</sup> Nov 2020)	National
	Special Winter School	HRDC-MZU	2 weeks (9 <sup>th</sup> - 22 <sup>th</sup> Feb 2021)	University
	Celebration of National Science Day 2021 on Theme- Future of STI, Impacts on Education, Skills and Work	Jointly organized by MISTIC, Mizoram & Government Zirtiri Residential Science College	1 day (28 <sup>th</sup> Feb 2021)	National
	International Webinar on Overseas Education Career and Options	IMG, UK in collaboration with Dept of Zoology, GZRSC.	1 day (2 <sup>nd</sup> Mar 2021)	International
	Moderation Board meeting	MZU, Examination.	1 day (3 <sup>rd</sup> Mar 2021)	University
	Leadership Development Programme	HRDC- MZU	1 week (12 -18 <sup>th</sup> Mar 2021)	University
	Faculty Development Programme	Government Zirtiri Residential Science College	5 days (5- 9 <sup>th</sup> April 2021)	College
	BOS, Dept of Biotechnology	MZU, Dept of Biotechnology	1 day (14 <sup>th</sup> April 2021)	University
	School Board Meeting, Life Science	MZU, School of Life Sciences	1 day (29 <sup>th</sup> April 2021)	University
	Webinar on Ecosystem Restoration- Reimagine, Recreate and Restore	Dept of Zoology, GZRSC in collaboration with Research and Seminar Comt. GZRSC	1 day (5 <sup>th</sup> June 21)	International
	Webinar on Principles of Food Safety for a Healthy Tomorrow, on behalf of World Food Safety Day.	Dept of Chemical Engg, Food & Pharmaceutical Technology, Paavai Engg College, Tamil Nadu	1 day (7 <sup>th</sup> June 21)	National



		Webinar on Treasure of Medicinal Plants : Western Ghats	Dept of Botany, Rayak Shikshan Sanstha, Shivaji University in collaboration with MONERA Foundation, Amba	1 day (12 <sup>th</sup> June 21)	National
		Refresher Course (Online)	HRDC, MZU	(14 days) 7-20 <sup>th</sup> July 2020	National
		FDP on E-teaching	Research & Seminar committee, GZRSC	(5days) 30 <sup>th</sup> /7-4 <sup>th</sup> /8/'20	College
		Diet for Building immunity and Documentation of Lusei Traditional Textiles	GZRSC	29/10/'20	National
		Gender Issues	GZRSC	30/10/'20	National
		Webinar on Intellectual Property Rights"	GZRSC & MISTIC	05/11/'20	National
		Webinar on "Celebration of National Education Day 2020"	GZRSC	11/11/'20	National
		Webinar on "Bioresources and Climate change"	Dept of Zoology & Dept of Electronics, GZRSC	17/11/'20	National
		Celebration of "National Science Day"	MISTIC & GZRSC	28/02/'21	College
		FDP for Teaching and Non-Teaching Staff	IQAC & Research and Seminar Committee, GZRSC	5 days (5-9/04/'21)	College
		National Workshop on Solid Waste Management	PG Dept. of Chemistry, Kanya MahaVidyalaya, Jalandhar	29 <sup>th</sup> /04/2021	National
		People's participation in Environmental Sustainability	Deptt. Of EVS, University of Delhi & Young Social Scientists Association of India	8/05/2021	International
		Brightening the Pathway	Alumni Association of Pavanatma College, Murickassery	1 day 19/05/2021	International
		Using Mathematical Models to Understand Epidemics	School of Life Sciences, MZU	19/05/2021	International
		Conservation of Plant Biodiversity	Dept of Basic Sciences, Guru Nanak College	20/05/2021	National

	FDP on Journey to Research and Beyond	Deptt. of Civil Engineering, Lohegaon, Pune	(5days) 21 <sup>st</sup> -25 <sup>th</sup> /2021	National
	Webinar on Biodiversity Conservation	Eco Club, GZRSC & Mizoram Pollution Control Board	22/05/2021	State
	Importance of Biological Diversity	Prakruthi	23/05/2021	National
	Webinar cum Awareness Programme in commemoration of "World Environment Day"	Dept of Zoology, Janaki Ammal College	04/06/2021	National
	Treasure of Medicinal Plants: Western Ghats	Dept of Botany, MONERA foundation, Amba	12/06/ 2021	National
	COVID19: Disruption of Life Process Impacting Mental Health	Mizoram University	3/06/21	International
	International Webinar on Ecosystem restoration- Reimagine Recreate and Restore	Department of Zoology in collaboration with Research and Seminar Committee, Government Zirtiri Residential Science College	5/06/21	International
	International Day for biological diversity Conference 2021	ECOR Foundation	23 <sup>rd</sup> / 05/21	National
	E-content development and online teaching	IQAC, Sahu Ram Swaroop Mahilla Mahavidyalaya	5 days 4 <sup>th</sup> -8 <sup>th</sup> /O8/20	National
	Webinar on Environmental Issues	Eco Club, GZRSC	22/04/21	College
	Ocean- A treasure of potent Bioresources	Dept of Chemical Engineering, Paavai Engineering College	08/06/21	National
	Ecosystem Restoration	Dept of Environmental Science, MZU	05/06/21	National
	Recent advances in Science: Mankind and Change	Govt. Serchhip College	2 days 6-7 <sup>th</sup> /07/'20	National
	Refresher Course (Online)	HRDC, MZU	14 days 7-20 <sup>th</sup> /07/'20	National
	FDP on E-teaching	Research & Seminar committee, GZRSC	5days 30 <sup>th</sup> /7-4 <sup>th</sup> /8/'20	College
	Webinar on Intellectual Property Rights	TIFAC, MISTIC & DST	2 days 10-11/08/2020	National
	30 <sup>th</sup> Orientation Course	HRDC, MZU	21 days (28 <sup>th</sup> /7-17 <sup>th</sup> /8/'20)	National

	FDP on Moodle	IIT, Bombay	5 days 24- 28/08/2020	National
	NEP 202: Issues and Challenges for HE in Mizoram	Govt Hnaththial College	1 day 17/10/2020	State
	Diet for Building immunity and Documentation of Lusei Traditional Textiles	GZRSC	1 day 29/10/'20	National
	Gender Issues	GZRSC	1day 30/10/'20	National
	Webinar on Intellectual Property Rights"	GZRSC & MISTIC	1 day 05/11/'20	
	Webinar on "Celebration of National Education Day 2020"	GZRSC	1 day 11/11/'20	National
	"A novel technique for treatment of 13genetically induced diseases"	MZU	1day 13/11/'20	University
	Webinar on "Bioresources and Climate change"	Dept of Zoology & Dept of Electronics, GZRSC	1 day 17/11/'20	National
	Celebration of "National Science Day"	MISTIC & GZRSC	1day 28/02/'21	College
	Overseas Education Career N' Options	IMG, UK &Deptt. Of Zoology, GZRSC	1 day (2/3/2021)	International
	FDP for Teaching and Non-Teaching Staff	IQAC & Research and Seminar Committee, GZRSC	5 days (5-9/04/'21)	College
	National Workshop on Solid Waste Management	PG Dept. of Chemistry, Kanya MahaVidyalaya, Jalandhar	1day 29 <sup>th</sup> /04/2021	National
	People's participation in Environmental Sustainability	Deptt. Of EVS, University of Delhi & Young Social Scientists Association of India	1 day 8/05/2021	International
	Mushroom Farming: An Aid to Farm Economics	Center for Agriculture Production (CAP), Centurion University of Technology and Management (CUTM)	1 day 18/ 05/ 2021	National
	Brightening the Pathway	Alumni Association of Pavanatma College, Murickassery	1 day 19/05/2021	International
	Using Mathematical Models to Understand Epidemics	School of Life Sciences, MZU	1 day 19/05/2021	University

	Conservation of Plant Biodiversity	Dept of Basic Sciences, Guru Nanak College	1 day/20/05/2021	National
	FDP on Journey to Research and Beyond	Deptt. of Civil Engineering, Lohegaon, Pune	5days/21 <sup>st</sup> -25 <sup>th</sup> /2021	National
	Webinar on Biodiversity Conservation	Eco Club, GZRSC & Mizoram Pollution Control Board	1 day/22/05/2021	State
	Importance of Biological Diversity	Prakruthi	1 day/23/05/2021	National
	Webinar cum Awareness Programme in commemoration of "World Environment Day"	Dept of Zoology, Janaki Ammal College	1 day/04/06/2021	National
	Treasure of Medicinal Plants: Western Ghats	Dept of Botany, MONERA foundation, Amba	1 day/12/06/2021	National
	Mushroom Farming: An Aid to Farm Economics	National	1 day/18 <sup>th</sup> May	National
	Brightening the Pathway	International	1 day/19 <sup>th</sup> May	National
	Using Mathematical Models to Understand Epidemics	University	1 day/19 <sup>th</sup> May	National
	FDP on Journey to Research and Beyond	National	5days/21 <sup>st</sup> -25 <sup>th</sup> May	College
	Webinar on Biodiversity Conservation	State	1 day/22 <sup>nd</sup> May	State
	International Day for Biological Diversity	National	1 day/22 <sup>nd</sup> May	International
	Importance of Biological Diversity	National	1 day/23 <sup>rd</sup> May	College
	COVID19: Disruption of Life Process Impacting Mental Health	Mizoram University	3/06/21	International
	International Webinar on Ecosystem restoration- Reimagine Recreate and Restore	Department of Zoology in collaboration with Research and Seminar Committee, Government Zirtiri Residential Science College	5/06/21	International
	Innovations in Vaccine Research and Development	Lab Root science Network	8/06/21	International
	Celebration of "National Science Day"	Mizoram Science, Technology and Innovation Council (Mistic) and Govt. Zirtiri Residential Science College	One day (28 <sup>th</sup> February, 2021)	College

		“Overseas Education Career n Options”	IMG, United Kingdom and Dept. of Zoology, Govt. Zirtiri Residential Science College	2 <sup>nd</sup> March, 2021	International
		“Environmental Issues” in celebration of Earth day	Eco Club, Govt. Zirtiri Residential Science College	22 <sup>nd</sup> April, 2021	College
		“ COVID19: Disruption of Life Process Impacting Mental Health”	Department of Clinical Psychology Mizoram University Aizawl	3 <sup>rd</sup> June, 2021	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: nil**

**17. Recognised Research Centre /facility:**

**18. Number of Faculty as members in**

**a) University-**

- 1) Dr Fanai Lalsangluaii, Member, Moderation Board, MZU
- 2) Dr Fanai Lalsangluaii, Member, BOS, Biotechnology, MZU
- 3) Dr Fanai Lalsangluaii, Member, School Board, Life Science

**b) State:**

- 1) Dr Rebecca Vanlalsangi, Member, State organizing committee, Children Science Congress

**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	Dr. Rebecca Vanlalsangi	The 2,2' Dipyridyl-Induced Iron Starvation and its Effects on	July 2020	Science and Technology Journal, Mizoram University	2321-3388

		Growth and Photosynthesis in Cyanobacterium Nostoc punctiforme ATCC 29133			
2	Lalrosangpuui	A review on the phytochemical properties of five selected genera of orchids	June 2021	Science Vision	2229-6026

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

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

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

**22. Extension activities by the department:**

**1. MOU Activity Report**

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

- (1) Through this MOU, **Exchange of Teaching Faculty** during the semesters was carried out successfully during November 2020. Following are the faculties involved in Faculty Exchange Programme on 16<sup>th</sup> -17<sup>th</sup> November 2020 and their lecture topics.

Name of Faculties	Topics	Class/ Lectures taken
Dr. Fanai Lalsangluaii Assistant Professor and Head, Department of Biochemistry, GZRSC	Cell membrane & Membrane transport mechanisms	I sem (Biotechnology, PUC)
Dr. Rebecca Vanlalsangi Assistant Professor, Department of Biochemistry, GZRSC	Salient features, structures & properties of Algae	III sem (Biotechnology, PUC)
Dr. Punuri Jayasekhar Babu Assistant Professor, Department of Biotechnology, PUC	Centrifugation, pH and Chromatography	I sem (Biochemistry, GZRSC)

Dr. Zothanpuia Assistant Professor, Department of Biotechnology, PUC	Disease related to nucleotide metabolism- Gout	III sem (Biochemistry, GZRSC)
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(2) Through this MOU, 2<sup>nd</sup> and 4<sup>th</sup> semester Biochemistry students attended an **online Workshop on Promotion of Scientific Temper among the Youth**, on 5<sup>th</sup> Feb, 2021. It was organized by Department of Biotechnology, PUC in collaboration with Rajiv Gandhi National Institute of Youth Development.

(3) Through this MOU, 4<sup>th</sup> semester Biochemistry students from our college attended '**3 Days Skill Development Programme on Mushroom Cultivation for North- Eastern Region**' during Feb 10-12, 2021 at Pachhunga University College. It was a fruitful experience for students.

## **2. Preparation of Hand Sanitizer (WHO Protocol)**

For extension activities, a covid response team spearheaded by the Department of Biochemistry was constituted under the initiative and funding of the constituency MLA Dr. Vanlalhlana and with the support of the Principal. The response team comprised of Biochemistry teachers and volunteer teachers and students. 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 corona virus spread.

1210 liters of hand sanitizers were already prepared on the 23 & 24<sup>th</sup> of March 2020 at college laboratory as per the latest WHO guideline/protocol. The product was distributed to the Local task Forces.

Another service in response to the threat during **the 2<sup>nd</sup> Wave of Covid- 19 Pandemic** was rendered by Department of Biochemistry **during May- July 2021**. During the period 390 litres of Hand Sanitizers were prepared based on the standard WHO Protocol. A certificate of Appreciation was awarded by the MLA, Aizawl North II Constituency to the Department of Biochemistry in recognition of their exemplary work and dedication in serving the society amidst the Pandemic.

The following teachers are involved / volunteered during this programme-

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

## **23. Library facilities: (Numbers only)**

- a. Textbooks and Reference Books: 410
- b. Journals: 2
- c. E-Books and E Journals: 50
- d. Any other:

## **24. Any other relevant information(reports):**

**B. ANNUAL DEPARTMENT REPORT FOR BOTANY DEPARTMENT**

1. Name of department : Botany Department
2. Year of establishment : 2000
3. a) Name of the Head of Department: Dr. R. Lalengmawia
- b) Phone No (Official) : 9436196952
- c) Email : maengaralte@gmail.com
4. Brief Introduction of the Department (maximum 200 words):

The department of Botany was established in the year 2000 as an outcome of the amalgamation programme of the Government of Mizoram which brought together faculty members from various Government Colleges of the State for the purpose of establishing a purely Science College.

The department has been established to transmit knowledge concerning the various aspects of the subject of Botany within the confinement of a prescribed syllabus. In addition, seminars, in-house projects and botanical excursions are an integral part of the academic programme of the department

**5. Teaching Faculties in the department:**

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Dr. R. Lalengmawia	Associate Professor & HOD	M. Sc., Ph. D	Forest Ecology	29
2	Ms. Zodinpuui	Associate Professor	M. Sc.	Plant Physiology	28
3	Ms. Laltlanchhungi	Associate Professor	M. Sc.	Forest Ecology	24
4	Ms. Mary Lalthansangi	Associate Professor	M. Sc.	Plant Biotech.	24
5	Ms. Lalrintluangi	Associate Professor	M. Sc.	Angiosperm Taxonomy	23
6	Ms. Lalremruati Hmar	Associate Professor	M. Sc.	Microbial Ecology	23
7	Mr. Lalnunthara	Associate Professor	M. Sc.	Microbial Ecology	23
8	Ms. Lalthanpuui Hnamte	Assistant Professor	M. Sc.	Pharmacognosy	14

**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	-	1	-	-	-	-	-	1
Lab Assistant	-	-	-	-	-	-	-	-
Lab Attendant/Bearer	-	1	-	-	-	-	-	1

**7. Details of the Courses conducted by the department:**

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

Semester	Subject Code	Subject Name	Credit
	BOT/I/CC/01	Cryptogams-Theory	4
	BOT/I/CC/02	Cryptogams- Practical	2



II Semester	BOT/II/CC/03	Phanerogams – Theory	4
	BOT/II/CC/04	Phanerogams- Practical	2
	BOT/III/CC/05	Plant Physiology, Biochemistry, Ecology-Theory	4
	BOT/III/CC/06	Plant Physiology, Biochemistry, Ecology-Practical	2
	BOT/IV/CC/07	Microbiology, Cytology, Genetics, Evolution-Theory	4
	BOT/IV/CC/08	Microbiology, Cytology, Genetics, Evolution-Practical	2
	BOT/V/CC/09	Fungi, Plant pathology, Biostatistics- Theory	4
	BOT/V/CC/10	Fungi, Plant pathology, Biostatistics- Practical	2
	BOT/V/CC/11	Algae, Lichen and Bryophytes- Theory	4
	BOT/V/CC/12	Algae, Lichen and Bryophytes- Practical	2
	BOT/V/CC/13	Cytogenetics, Plant Breeding and Bioinformatics- Theory	4
	BOT/V/CC/14	Cytogenetics, Plant Breeding, Bioinformatics-Practical	2
	BOT/V/CC/15	Environmental Biology and Ethnobotany-Theory	4
	BOT/V/CC/16	Environmental Biology and Ethnobotany-Practical	2
	BOT/VI/CC/17	Pteridophytes, Gymnosperms, Paleobotany and Palynology- Theory	4
	BOT/VI/CC/18	Pteridophytes, Gymnosperms, Palaeobotany, Palynology- Practical	2
	BOT/VI/CC/19	Angiosperm taxonomy, Anatomy and Embryology- Theory	4
	BOT/VI/CC/20	Angiosperm taxonomy, Anatomy, Embryology-Practical	2
	BOT/VI/CC/21	Plant Metabolism, Biochemistry, Thermodynamics- Theory	4
	BOT/VI/CC/22	Plant Metabolism, Biochemistry and Thermodynamics- Practical	2
	BOT/VI/CC/23	Plant Biotechnology, Experimental Embryology- Theory	4
	BOT/VI/CC/24	Plant Biotechnology, Experimental Embryology- Practical	2

#### 8. Students Particulars:

Sl. No	Semester	Applications received 2020-21	Selected 2020-21	Enrolled		Pass percentage
				M	F	
1	I Semester	103	95	39	56	94.73%
2	II Semester	84	84	36	48	100%
3	III Semester	67	67	37	29	100%
4	IV Semester	67	67	37	29	100%
5	V Semester	26	26	8	18	100%
6	VI Semester	26	26	8	18	100%

#### 9. Student - Teacher Ratio:46.6: 1

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

#### 11. Study tour conducted under year of report: No study tour conducted due to covid 19 pandemic

**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	Whether College/ University/State/ Regional/National /International
		5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 July - 4Aug, 2020	College
		Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College with material provided by Spoken Tutorial Project, IIT, Bombay.	24 – 28Sept, 2020	College
		National Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles.	Department of Home science and Research and Seminar Committee, GZRSC	One day 29 Oct. 2020	National
		‘National Webinar on Gender Issues’	Govt. Zirtiri Residential Science College	One day 30 Oct, 2020	National
		National Webinar on Intellectual Property Rights	Govt.Zirtiri Residential Science College & Mizoram Science Technology & Innovative Council (MISTIC)	2 hrs 5 Nov, 2020	National
		National Education Day	Govt.Zirtiri Residential Science College	One hour 11 Nov, 2020	National
		Webinar on National Science Day	Mizoram Science, Technology & Innovation Council (MISTIC) & GZRSC	28 <sup>th</sup> Feb’21	College
		National Science Day Seminar on “ Impact of Technology on Seed quality	Department of Botany, Govt.Zirtiri Residential Science College, Mizoram	One hour 4March, 2021	College
		5 Days Faculty Development Programme for Teaching and Non-Teaching Staff	Internal Quality Assurance Cell (IQSC) and Research & Seminar Committee, GZRSC.	One week 5 - 9 April, 2021	College
		‘Webinar on Environmental issues’ in celebration of Earth Day	Eco-club, GZRSC	22 April 2021	College
		Free IP Webinar on World	Patent Information Centre	26 <sup>th</sup>	State

	Intellectual Property Day: Taking your ideas to market.	( PIC) Mizoram Science Technology & Innovation Council; Directorate of Science & Technology, Govt.of Mizoram	April'21	
	'Webinar on Biodiversity Conservation	Eco-club, GZRSC, Mizoram Envis Hub & Mizoram Pollution Control Board.	22 May 2021	College
	Free IP Webinar on World Intellectual Property Day: Taking your ideas to market.	Patent Information Centre ( PIC) Mizoram Science Technology & Innovation Council; Directorate of Science & Technology, Govt.of Mizoram.	5 <sup>th</sup> June'21	International
	5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 July - 4 <sup>th</sup> Aug, 2020	College
	Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College with material provided by Spoken Tutorial Project, IIT, Bombay.	24 <sup>th</sup> – 28 <sup>th</sup> September, 2 020	College
	National Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles.	Department of Home science and Research and Seminar Committee, GZRSC	One day 29 <sup>th</sup> October, 202 0	National
	'National Webinar on Gender Issues'	Govt. Zirtiri Residential Science College	One day 30 <sup>th</sup> October, 202 0	National
	National Webinar on Intellectual Property Rights	Govt.Zirtiri Residential Science College & Mizoram Science Technology & Innovative Council (MISTIC)	2 hrs 5 <sup>th</sup> November, 2 020	National
	National Education Day	Govt.Zirtiri Residential Science College	One hour 11 <sup>th</sup> November, 2 020	National
	National Webinar on Bioresources and climate Change.	Deptt of Zoology, Deptt of Electronics, Research and Seminar Committee; Govt.Zirtiri Residential Science College.	2 hours 17 <sup>th</sup> November, 2 020	National
	Webinar on National Science Day	Mizoram Science, Technology & Innovation Council (MISTIC) & GZRSC	28 <sup>th</sup> Feb'21	College
	5 Days Faculty Development Programme for Teaching and Non-	Internal Quality Assurance Cell (IQSC) and Research & Seminar	One week During 5 <sup>th</sup> to 9 <sup>th</sup> April,	College

	Teaching Staff	Committee, GZRSC.	2021	
	'Webinar on Environmental issues' in celebration of Earth Day	Eco-club, GZRSC	22 <sup>nd</sup> April '21	College
	'Webinar on Biodiversity Conservation	Eco-club, GZRSC, Mizoram Envis Hub & Mizoram Pollution Control Board.	22 <sup>nd</sup> May '21	College
	Personality Development Programme 2021 for Final Year students	Student Support Committee, GZRSC.	28 <sup>th</sup> June '21 to 1 <sup>st</sup> July '21	College
	5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 <sup>th</sup> July to 4 <sup>th</sup> August, 2020	College
	Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College with material provided by Spoken Tutorial Project, IIT, Bombay.	24 <sup>th</sup> – 28 <sup>th</sup> September, 2020	College
	National Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles.	Department of Home science and Research and Seminar Committee, GZRSC	One day 29 <sup>th</sup> October, 2020	National
	'National Webinar on Gender Issues'	Govt. Zirtiri Residential Science College	One day 30 <sup>th</sup> Oct, 2020	National
	National Webinar on Intellectual Property Rights	Govt. Zirtiri Residential Science College & Mizoram Science Technology & Innovative Council (MISTIC)	2 hrs 5 <sup>th</sup> November, 2020	National
	National Education Day	Govt. Zirtiri Residential Science College	One hour 11 <sup>th</sup> November, 2020	National
	National Webinar on Bioresources and climate Change .	Deptt of Zoology , Deptt of Electronics, Research and Seminar Committee; Govt. Zirtiri Residential Science College.	2 hours 17 <sup>th</sup> November, 2020	National
	Webinar on National Science Day	Mizoram Science, Technology & Innovation Council (MISTIC) & GZRSC	28 <sup>th</sup> Feb '21	College
	International Webinar on "Overseas education with Careers N' Options	IMG, UK & Deptt of Zoology, GZRSC, Mizoram	2 hours 2 <sup>nd</sup> March, 2021	International
	National Science Day Seminar on "Impact of Technology on Seed quality	Department of Botany, Govt. Zirtiri Residential Science College, Mizoram	One hour 4 <sup>th</sup> March, 2021	College
	5 Days Faculty Development Programme for Teaching and Non	Internal Quality Assurance Cell (IQSC) and Research & Seminar	One week During 5 <sup>th</sup> to 9 <sup>th</sup> April,	College

	Teaching Staff	Committee, GZRSC.	2021	
	'Webinar on Environmental issues' in celebration of Earth Day	Eco-club,GZRSC	22 <sup>nd</sup> April '21	College
	Free IP Webinar on World Intellectual Property Day: Taking your ideas to market.	Patent Information Centre ( PIC) Mizoram Science Technology & Innovation Council; Directorate of Science & Technology, Govt.of Mizoram	26 <sup>th</sup> April '21	State
	'Webinar on Biodiversity Conservation	Eco-club,GZRSC,Mizoram Envis Hub & Mizoram Pollution Control Board.	22 <sup>nd</sup> May '21	College level
	Free IP Webinar on World Intellectual Property Day: Taking your ideas to market.	Patent Information Centre ( PIC) Mizoram Science Technology & Innovation Council; Directorate of Science & Technology, Govt.of Mizoram.	5 <sup>th</sup> June '21	International
	International webinar on Ecosystem Restoration – Reimagine , Recreate and Restore	Dept of Zoology, GZRSC in collaboration with Research and Seminar Committee, GZRSC	5 <sup>th</sup> june,2021	International.
	Personality Development Programme 2021 for Final Year students	Student Support Committee, GZRSC.	28 <sup>th</sup> june '21 to 1 <sup>st</sup> july '21	College
	5-Days Faculty Development Programme On E-Teaching	Research & Seminar Committee and IQAC, GZRSC.	5 days 30 <sup>th</sup> July – 4 <sup>th</sup> August 2020	College
	Moodle Learning Management System	GZRSC with course material provided by Spoken Tutorial Project, IIT Bombay.	5 days 24 <sup>th</sup> Sept. – 28 <sup>th</sup> Sept. 2020	State
	Intellectual Property Rights	Govt.Zirtiri Residential Science College & Mizoram Science and Technology & Innovative Council( MISTIC)	1 day 5 <sup>th</sup> November 2020	National
	National Education Day	Govt.Zirtiri Residential Science College	1 day 11 <sup>th</sup> November 2020	National
	Celebration of National Science day 2021	Mizoram Science, Technology & Innovation Council (MISTIC) & GZRSC	1 day 28 <sup>th</sup> February 2021	College
	International Webinar on Overseas Education Career N' Options	IMG, United Kingdom & Department of Zoology Govt.Zirtiri Residential Science College , Aizawl	1 day 2 <sup>nd</sup> March 2021	International
	Faculty Development Programme for Teaching and Non Teaching Staff	IQAC and Research & Seminar Committee GZRSC.	5days - 5 <sup>th</sup> - 9 <sup>th</sup> April 2021	College

	Webinar on Environment Issues	Eco Club GZRSC sponsored by Mizoram State Pollution Control Board.	1 day 22nd April 2021	State
	Webinar on Biodiversity Conservation.	Eco Club GZRSC sponsored by Mizoram State Pollution Control Board.	1 day 22nd May 2021	State level
	International Webinar on Ecosystem Restoration	Dept. of Zoology GZRSC in collaboration with Research & Seminar Committee GZRSC.	1 day 5 <sup>th</sup> June 2021	International
	International Webinar on Improving Livelihoods and addressing Climate Change through Community Based Natural Resources Management: Experience from Guatemala & Research Apportunities for N.E India	Mizoram University in collaboration with University of Minnesota USA	1 day 11 <sup>th</sup> June 2021	International
	5-Days Faculty Development Programme On E-Teaching	Research and seminar Committee and IQAC , GZRSC	5 days 30.7.2020- 4.8.2020	College
	Faculty Development Program on Moodle Learning Management System	GZRSC and IIT Bombay	5 days 24.8.2020- 28.8.2020	
	National Webinar on Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, Research and Seminar Committee, GZRSC	1 day 17.11.2020	National
	5 Days Faculty Development Programme For Teaching And Non-Teaching Staff	IQAC and Research and Seminar Committee, GZRSC	5 days 5.4.2021 – 9.4.2021	College
	Webinar on Environmental Issues in celebration of Earth Day	Eco Club ,GZRSC and Mizoram State Pollution Control Board	1 day 22.4. 2021	College
	Webinar on Using Mathematical Models to Understand Epidemics	School of Life Sciences, MZU	1 day 19.5. 2021	International
	Webinar onBiodiversity Conservation in observance of International day for Biological Diversity	Eco Club ,GZRSC Mizoram ENVIS HUB, Mizoram State Pollution Control Board	1 day 22.5.2021	State
	GZRSC MIS Release cum Training Program	IQAC, GZRSC	1 day 31.5.2021	College
	International Webinar on COVID 19: Disruption of Life Process impacting Mental Health	Dept of Clinical Psychology, MZU	1 day 3.6.2021	International
	Webinar on Ecosystem restoration : Reimagine, Recreate and Restore	Dept of Zoology and Research and Seminar	1 day 5.6.2021	International



			Committee, GZRSC		
		Webinar on Improving Livelihoods and addressing Climate Change through Community based Natural Resource Management : Experience from Guatemala & Research Opportunities for NE India	MZU and University of Minnesota, USA	1 day 11.6.2021	International
		International E-conference on “Emerging opportunities in Life Sciences Research”	Dept of Microbiology and Bioinformatics, Atal Bihari Vajpajee University, Bilaspur, India	1 day( 17 <sup>th</sup> July,2020)	International
		Faculty Development Programme on Moodle learning Management system	GZRSC and IIT Bombay	24-28 <sup>th</sup> August, 2020	State level
		National Webinar on Diet for Building Immunity and Documentation of Lushei traditional textiles.	Home Science Department, GZRSC	29 <sup>th</sup> October, 2020	National
		National webinar on Intellectual property right	Research,& Seminar Committee and Intellectual property Right committee, GZRSC and MISTIC, Mizoram	5 <sup>th</sup> November, 2020	National
		National Webinar on Bioresources and climate change	Dept. of Zoology, Dept. of Electronics & Research and Seminar committee, GZRSC	17 <sup>th</sup> November, 2020	National
		Webinar on celebration of National Education Day, 2020	Research and Seminar committee,& IQAC, GZRSC	11 <sup>th</sup> November, 2020	College
		International Webinar on Overseas Education Career ‘ N’ Options	Zoology dept and IMG, United Kingdom	2hrs 2 <sup>nd</sup> March, 2021	International
		5 Days Faculty Development Programme for Teaching and Non Teaching staff	IQAC and Research and Seminar Committee, GZRSC	5 <sup>th</sup> -9 <sup>th</sup> April, 2021	College
		International Webinar on “Covid -19: Disruption of Life Process Impacting Mental Health”	Dept of Psychology, MZU	3 <sup>rd</sup> June, 2021	International
		International Webinar on Ecosystem Restoration-Reimagine,Recreate and Restore	Dept of Zoology, GZRSC in collaboration with Research and Seminar Committee	5 <sup>th</sup> June, 2021	International
		5-Days Faculty Development Programme On E-Teaching	Research & Seminar Committee and IQAC, GZRSC.	5 days 30 <sup>th</sup> July – 4 <sup>th</sup> August 2020	College
		Moodle Learning Management System	GZRSC with course material provided	5 days 24 <sup>th</sup> Sept. –	State level

			bySpoken Tutorial Project, IIT Bombay.	28 <sup>th</sup> Sept. 2020	
		Intellectual Property Rights	Govt.Zirtiri Residential Science College & Mizoram Science and Technology &Innovative Council (MISTIC)	1 day 5 <sup>th</sup> November 2020	National
		National Education Day	Govt.Zirtiri Residential Science College	1 day 11 <sup>th</sup> November 2020	National
		Celebration of National Science day 2021	Mizoram Science, Technology & Innovation Council (MISTIC) &Botany Deptt.GZRSC	1 day 28 <sup>th</sup> February 2021	College
		International Webinar on Overseas Education Career N' Options	IMG, United Kingdom & Department of Zoology Govt.Zirtiri Residential Science College , Aizawl	1 day 2 <sup>nd</sup> March 2021	International
		Faculty Development Programme for Teaching and Non-Teaching Staff	IQAC and Research & Seminar Committee GZRSC.	5days - 5 <sup>th</sup> - 9 <sup>th</sup> April 2021	College
		Webinar on Environment Issues	Eco Club GZRSC sponsored by Mizoram State Pollution Control Board.	1 day 22 <sup>nd</sup> April 2021	Statelevel
		Webinar on Biodiversity Conservation.	Eco Club GZRSC sponsored by Mizoram State Pollution Control Board.	1 day 22 <sup>nd</sup> May 2021	State
		International Webinar on Ecosystem Restoration	Dept. of Zoology GZRSC in collaboration with Research & Seminar Committee GZRSC.	1 day 5 <sup>th</sup> June 2021	International
		Application of Statistical Tools in research Papers (IWASTRP)	Research foundation of India and world Virtual Conference Forum	1 st July,2020	International
		Tropical foods for Metabolic Syndrome	Dept of Food Technology MZU	3 <sup>rd</sup> July,2020	International
		Research methodology; Tools and Techniques	HRDC,MZU	07-20 <sup>th</sup> July 2020	State
		Recent advances in Science: Mankind and Change	Govt Serchhip College	6-7 <sup>th</sup> July,2020	International
		Assesing the Economic Fallout of the Covid -19 Pandemic	Govt Mamit College	14 <sup>th</sup> July,2020	International
		Natural Disaster with Emphasis to Earthquake and its Implications	IQAC, Government Champhai College	20-24 <sup>th</sup> July 2020	International
		Role of Statistics in Data Science and Sample Size determination in medical and biological Sciences	Pachhunga University College	27 <sup>th</sup> July,2020	National
		Covid -19 and Rural North East India	Dept of Political Science, Govt Zawlunam	17 <sup>th</sup> August,2020	National



		College		
	Human Values and Ethics	Govt Serchhip College	20 <sup>th</sup> August,2020	National
	Normalcy Post Covid-19 : Issues and challenges	Govt.Johnson College	22 <sup>nd</sup> August 2020	National
	Challenges and Opportunities in Higher Education	IQAC, Government Aizawl College	24-28 <sup>th</sup> August,2020	National
	Intergrating Energy, Climate change And Development	Dept.of Management MZU	8 <sup>th</sup> Sept,2020	National
	Gespatial Technologies in Forestry	MZU	24 <sup>th</sup> Septemb er,2020	National
	Revitalizing of the state Economy Post Covid 19: Issues and Challenges	Govt. Saitual College Mizoram	10 <sup>th</sup> October,202 0	National
	Intellectual Property Rights	Research and seminar Committee,and Intellectual Property Right Committee, GZRSC,	5 <sup>th</sup> November,2 020	National
	Celebration of National Education Day	Research and seminar committee	11 <sup>th</sup> November,2 020	College
	Bioresources and Climate Change	Dept of Zoology,Electronics,resea rch and seminar committee, GZRSC	17 <sup>th</sup> November,2 020	National
	Effect of Pandemic on the Environment and its impact on climate change	Dept of Zoology and chemistry Sankardev College, Meghalaya	29 <sup>th</sup> January, 2021	International
	Emerging Trends in Biological science	Department of Zoology and Botany Smt A.S.M College for women ,Ballari	1 <sup>st</sup> February 2021	National level
	Wetlands and water	Department of Botany and Dept of Envioronmental Science	2 <sup>nd</sup> February 2021	National
	Overseas Education Career n' Options	IMG, United Kingdom and Dept of Zoology GZRSC	2 <sup>nd</sup> March 2021	International
	Advances of Science in Education (ASE -2021)	Research ,consultancy and Development cell Govt Champhai College and MISTIC Aizawl	8-13 <sup>th</sup> March 2021	International
	5 Days Faculty developemnt Programme for teaching and Non Teaching	IQAC and Research and Seminar committee	5-9 <sup>th</sup> April 2021	College
	An Event for the celebration of international Biodiversity	Biodiversity & nature Conservation Network (BIOCONE)	22 <sup>nd</sup> May 2021	State
	Covid 19: Disruption of Life Process Impacting Mental Health	Dept of Clinical Psychology MZU	3 <sup>rd</sup> June 2021	National

	Ecosystem Restoration-reimagine, Recreate and Restore	Zoology Dept GZRSC	5 <sup>th</sup> June 2021	International
	The role of Hypothalamic Neurokinin 3 antagonism as a Novel Treatment for Menopausal hot flushed	MZU	8 <sup>th</sup> June 2021	State
	Understanding changes in Indigenous Farming Systems and Livelihoods: Experiences from East Asia and Sub Saharan Africa	MZU	14 <sup>th</sup> June 2021	International

**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: Nil**

**17. Recognised Research Centre /facility: Nil**

**18. Number of Faculty as members in**

**a) University –**

- 1) Lalremruati Hmar, BOS, MZU
- 2) Lalremruati Hmar, Moderation Board, MZU
- 3) Mary Lalthansangi, Moderation Board, MZU

**b) State:**

- 1) Dr. R Lalengmawia, President, Science Teacher's Association of Mizoram (STAM)
2. Dr.R Lalengmawia, Member, MAS
3. Zodinpuui, Member, MAS
4. Mary Lalthansangi, Member, MAS
5. Lalrintluangi, Member, MAS
6. Lalnunthara, Member, MAS
7. Lalremruati Hmar, Member, MAS
8. Lalthanpuui Hnamte, Member, MAS

**c) Regional:**

**d) National committees:**

**e) International Committees:**

**f) Editorial Board:**

1) Dr.R. Lalengmawia, 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:**

- a) 2 teachers taught History of Science in III semester
- b) 2 teachers taught Environmental Studies in IV semester

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

**22. Extension activities by the department:****23. Library facilities: (Numbers only)**

**a. Textbooks and Reference Books:** 992

**b. Journals:** 3

**c. E-Books and E Journals:** No particular E-Books and E-Journals, Can access N-Lists as and when required

**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 faculties in number according to the documents of Higher & Technical Department, Govt. of Mizoram. But in reality, the teachers who 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 the central subject, majority of the students choose Chemistry as one of their elective subject. So, number of teachers who can engage in teaching is insufficient to meet 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 hard for the benefit of students, conducting 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 intense effort given by teacher and students in studies, the department always has university rank holders. Besides class room teaching, students taken to industrial visits and other important sites and are encouraged to participate in Science exhibitions which are related to their syllabus.

**5. Teaching Faculties in the department:**

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Dr. Lalhminglana 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	Physical Chemistry	22
5	Dr. Samuel Lallianrawna	Assistant Professor	Ph.D, NET	Natural Product Chemistry	12
6	Dr. Lalsaimawia Sailo	Assistant Professor	Ph.D, NET, SLET	Analytical Chemistry	7

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

Designation	Regular		RUSA		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	1	Nil	Nil	Nil	2	Nil
Lab Assistant	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Lab Attendant	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**7. Details of the Courses conducted by the department:**

Sem	Course Code	Course Name	Credit
	CHEM/I/EC/01	Inorganic Chemistry-I-Theory Marks :100 (Internal: 25 + End Semester Exam: 75)	3-1-0
	CHEM/I/EC/02	Inorganic Chemistry-I-Practical	0-0-2
	CHEM/II/EC/03	Organic Chemistry-I-Theory	3-1-0
	CHEM/II/EC/04	Organic Chemistry-I-Practical	0-0-2
	CHEM/III/EC/05	Physical Chemistry-I-Theory	3-1-0
	CHEM/III/EC/06	Physical Chemistry-I-Practical	0-0-2
	CHEM/IV/EC/07	Analytical Chemistry-I-Theory	3-1-0
	CHEM/IV/EC/08	Analytical Chemistry-I-Practical	0-0-2
	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
	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	256	256	125	131	-
2	II Semester	145	145	69	76	96.00%

3	III Semester	145	145	69	76	94.83%
4	IV Semester	97	97	40	57	95.5.00%
5	V Semester	23	23	10	10	
6	VI Semester	-	-	-	-	

**9. Student - Teacher Ratio:**1<sup>st</sup> Semester, 256 : 62<sup>nd</sup> Semester, 145 : 63<sup>rd</sup> Semester, 145 : 64<sup>th</sup> Semester, 97 : 65<sup>th</sup> Semester, 23 : 66<sup>th</sup> Semester, -**10. Annual Average Attendance Percentage of the Student:**

I Semester	
II Semester	
III Semester	
IV Semester	
V Semester	
VI Semester	

**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	Whether College/University/State/Regional/National/International
		Presented a paper entitled 'Physico-chemical Characteristics Studies of the Spring Water of Lunglei City, Mizoram' in the 2 <sup>nd</sup> Annual Convention of NEAST & ISRAST	NEAST, MZU	16 <sup>th</sup> – 18 <sup>th</sup> Nov., 2020.	International
		Participated in 5 days Faculty development Programme for Teaching and Non Teaching Staff held at GZRSC, Aizawl	IQAC & Research & Seminar Committee, GZRSC	5 <sup>th</sup> - 9 <sup>th</sup> April, 2021	State

	Paper Examiner in UG Exam (Even)	Examination Department,MZU	28 <sup>th</sup> Sept – 5 <sup>th</sup> Oct., 2020	State
	Participated in ‘Spit-free India Movement’	Alamelu Charitable Foundation & NSS	June-Aug, 2020	National
	Participated in 5 Days Faculty Development Program on E-Teaching	IQAC & Research & Seminar Committee, GZRSC	30 <sup>th</sup> July – 4 <sup>th</sup> Aug., 2020	State
	Participated as a speaker in the discussion on ‘World Science Day of Peace and Development’	DDK - Aizawl	10 <sup>th</sup> Nov., 2020	National
	Participated in a two days International Webinar on Recent Advances in Science: Mankind and Change	Govt. Serchhip College	6 <sup>th</sup> and 7 <sup>th</sup> July, 2020	International
	Participated in five days International Workshop on Contemporary Mizo Poetry	Department of English & Mizo, Govt. Hrangbana College	16 <sup>th</sup> – 20 <sup>th</sup> Nov., 2020	International
	Participated in five days International Webinar on A Critical study on Mizo Rap Music	Literature Club, Govt. Hrangbana College	29 <sup>th</sup> Oct., – 2 <sup>nd</sup> Nov., 2020	International
	Paper Examiner in UG Exam (Even)	Examination Department,MZU	June, 2021	State
	Participated in One day International Webinar on “Positive Supervision”	MZU	7 <sup>th</sup> July, 2020	International
	Participated in 5 Days Faculty Development Program on E-Teaching	IQAC & Research & Seminar Committee, GZRSC	30 <sup>th</sup> July – 4 <sup>th</sup> Aug., 2020	State
	Attended one day International webinar on “Assessing the Economic Fallout of the Covid-19 Pandemic”	Govt. Mamit College	14 <sup>th</sup> July, 2020	International
	Participated in One Week International Webinar on Natural Disaster with Special Emphasis to Earthquake and its Implication	IQAC, Govt. Champhai College	20 <sup>th</sup> – 24 <sup>th</sup> July, 2020	International
	Attended one day National webinar on “Understanding our Rivers of Hilly Region& Its Conservation”	MZU	14 <sup>th</sup> Aug., 2020	National
	Attended one day National webinar on “Oil Palm- A Way Forward Towards Attaining Self- Sufficiency in Edible Oil Scenario”	MZU	18 <sup>th</sup> Aug., 2020	National
	Attended one week National Workshop on “Challenges & Opportunities in Higher Education”	Govt. Aizawl College	28 <sup>th</sup> Aug., 2020	National

	Attended one day International webinar on “NGO’s & Development- Perspective in SE Asia”	Govt. Zawlnuam College	28 <sup>th</sup> Oct., 2020	International
	Attended one day National webinar on “Diet for Building Immunity & Documentation of Lusei Traditional Textiles”	GZRSC	29 <sup>th</sup> Oct., 2020	National
	Attended one day ‘National Webinar on Gender Issues’	GZRSC	30 <sup>th</sup> Oct., 2020	National
	Attended one day ‘National Webinar on Intellectual Property Rights’	GZRSC	5 <sup>th</sup> Nov., 2020	National
	Attended one day “National Webinar on “Education in India: Dynamics & Development “	Govt. Zawlnuam College	11 <sup>th</sup> Nov., 2020	National
	Attended one day National webinar on “Intellectual Property Law & Its Application”	Mizoram Law College	27 <sup>th</sup> Nov., 2020	National
	Attended 3 days International webinar on “Ethnicity in S. Asia: Special Reference to Mizo Identity, Culture & Literature”	Govt. T.Romana College	25 <sup>th</sup> – 27 <sup>th</sup> Nov., 2020	International
	Attended one day National webinar on “Bioresources & Climate Change”	GZRSC	17 <sup>th</sup> Nov., 2020	National
	Attended one day National Webinar on “Recent Advances in Nanomaterial Based Pesticides Sensor”	Union Christian College, Barapani, Meghalaya	4 <sup>th</sup> Dec., 2020	National
	Attended one day International webinar on “Effect of Pandemic on the Environment & Its Impact on Climate Change”	Sankardev College, Meghalaya	29 <sup>th</sup> Jan., 2021	International
	Attended one week International webinar on “Advances of Science in Education”	Govt. Champhai College	18 <sup>th</sup> – 13 <sup>th</sup> March, 2021	International
	Participated in 5 days Faculty Development Program on” Moodle Learning Management System”	GZRSC	24 <sup>th</sup> – 29 <sup>th</sup> Sept., 2020	National
	Participated in 5 days ‘Faculty Development Program for Teaching and Non Teaching Staff’	GZRSC	5 <sup>th</sup> - 9 <sup>th</sup> April, 2021	State
	Participated in the Webinar on ‘Celebration of National Education Day, 2020’	IQAC & Research & Seminar Committee GZRSC	11 <sup>th</sup> Nov., 2020	
	Participated in 5 Days Faculty Development Programme for Teaching & Non-Teaching Staff	IQAC & Research & Seminar Committee GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April., 2021	State



	Attended one day International Webinar on Ecosystem Restoration – reimagine, Recreate and Restore	IQAC & Research & Seminar Committee GZRSC	5 <sup>th</sup> June, 2021	International
	Participated in one week International webinar on Advances of Science in Education	Govt. Champhai College & MISTIC, Mizoram	8 <sup>th</sup> – 13 <sup>th</sup> , March, 2021	International
	Participated in one day National Level Webinar on ‘Recent Advances in Nanomaterial Based Pesticides Sensor’	Deptt. Of Chemistry, UCC, Meghalaya	4 <sup>th</sup> Dec., 2020	National
	Participated in one day National Webinar on ‘Bioresources and Climate Change’	GZRSC	17 <sup>th</sup> Nov., 2020	National
	Participated in One Week International Webinar on Natural Disaster with Special Emphasis to Earthquake and its Implication	IQAC, Govt. Champhai College	20 <sup>th</sup> – 24 <sup>th</sup> July, 2020	International
	Participated in the 5 Days Faculty development Programme on e-Teaching	IQAC & Research & Seminar Committee, GZRSC	30 <sup>th</sup> July – 4 <sup>th</sup> Aug., 2020	State
	Attended the webinar on ‘Defence Against Chemical and Biological Warfare’	Department of Industrial Chemistry, MZU	19 <sup>th</sup> Aug., 2020	National
	Participated in one day international webinar on ‘Effect of the Pandemic on the Environment and its Impact on Climate Change’	Department of Chemistry & Zoology, Sankardev College, Shillong	29 <sup>th</sup> Jan., 2021	International
	Participated in 5 Days Faculty Development Programme for Teaching & Non-Teaching Staff	IQAC & Research & Seminar Committee GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April., 2021	State
	Paper Examiner in UG Exam	Examination Department, MZU	28 <sup>th</sup> Sept. – 5 <sup>th</sup> Oct, 2020	State
	Paper Examiner in UG Exam	Examination Department, MZU	June, 2020	State
	Participated in the “Online Refresher Course on Research Methodology: Tools and Techniques”	UGC Human Resource Development Centre, Mizoram University	7 <sup>th</sup> to 20 <sup>th</sup> July, 2020	National
	Participated in 5 Days Faculty Development Programme for Teaching and Non Teaching Staff	IQAC and Research & Seminar Committee, GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April, 2021	State
	Presented a paper entitled ‘Brief history of National Science Day, Future of STI: Impacts on Education, Skills and Work’ in	MISTIC & Deptt.of Chemistry, GZRSC	28 <sup>th</sup> Feb., 2021	State

	the Webinar for Observation of National Science Day 2021			
	Attended Webinar on “COVID-19, Aviation and Tourism: Implications for Destinations and Managers of Tourism Enterprises”	Deptt. Of Management, MZU	31 <sup>st</sup> July, 2020	National
	Attended Webinar on “The Importance of Corporate Governance Studies for Management during Covid-19 Pandemic” and “Corporate Governance of Asian Family Business-the strengths and weakness”	Department of Management, Mizoram University	6 <sup>th</sup> August, 2020	National
	Attended Webinar on “Basics of Survey Analysis Design”	Deptt. of Mathematics & Computer Science, MZU	7 <sup>th</sup> August, 2020	National
	Attended Webinar on “Towards Inclusive Innovations and Network-based Entrepreneurship”	Deptt. of Management, MZU	10 <sup>th</sup> August, 2020	National
	Attended Webinar “Microwave Propagation Related to Satellite Communications” and “Materials Science and Human Civilization -Nanoscience and DFT”	Deptt. of Physics, MZU	12 <sup>th</sup> Aug., 2020	National
	Attended Webinar on “Earthquake versus Landslide with special reference to Mizoram”	Deptt. of Geology, MZU	13 <sup>th</sup> Aug., 2020	National
	Attended Webinar on “Understanding our Rivers of Hilly Region and its Conservation”	Deptt. of Geology, MZU	14 <sup>th</sup> Aug., 2020	National
	Attended Webinar on “Mahatma Gandhi and Martin Luther King: Socio-Political Inclusion”	Deptt. of Public Administration, MZU	18 <sup>th</sup> Aug., 2020	International
	Attended Webinar on “Defence against Chemical and Biological Warfare”	Deptt. of Industrial Chemistry, MZU	19 <sup>th</sup> Aug., 2020	National
	Attended Webinar on “Human Values and Ethics”	Govt. Serchhip College	20 <sup>th</sup> August, 2020	National
	Attended Webinar on “MIADMSA, A new Arsenic antidote: Journey from lab to clinic”	Deptt. of Chemistry, MZU	20 <sup>th</sup> Aug., 2020	National
	Webinar on “The Relevance of Gandhi Today "ARUN GANDHI (5th Grandson of	Dept. of Political Science, Mizoram University	21 <sup>st</sup> August, 2020	International

	Mahatma Gandhi)			
	Attended Webinar on “Normalcy post Covid-19 : Issues and Challenges”	Extension and Research Cell, Govt. Johnson College, Aizawl, Mizoram	22 <sup>nd</sup> August, 2020	International
	Attended the International webinar on “Guidelines for a Successful Ethical Review of Proposals”	Mizoram University	24 <sup>th</sup> August, 2020	International
	Attended One week National Workshop on “Challenges and Higher Opportunities in Higher Education”	Research, Innovation and Extension Cell (IQAC), Govt. Aizawl College	24 <sup>th</sup> to 28 <sup>th</sup> August, 2020	National
	Attended Webinar on "Fighting Floods for Survival in South Asia"	Department of History, Govt. Zawlnuam College	28 <sup>th</sup> August, 2020	International
	Attended Webinar on “National Education Policy 2020”	Govt. Serchhip College	28 <sup>th</sup> August, 2020	National
	Attended 5 day International webinar on “Science and Technology: Mitigating Current Challenges”	Dept. of Botany, Govt. Serchhip College	7 <sup>th</sup> to 11 <sup>th</sup> Sept., 2020	International
	Attended Webinar on “NGO’s and Development: Perspective in South East Asia”	Research & Publication Cell, Govt. Zawlnuam College, Mizoram	28 <sup>th</sup> Oct., 2020	International
	Attended Webinar on “One week International Webinar on Mizo Identity”	Dept. of Mizo, Aizawl North College, Govt. Khawzawl College, St. Xavier’s College, Mizoram Christian College and ICFAI University	3 <sup>rd</sup> to 10 <sup>th</sup> Nov., 2020	International
	Attended Webinar on “Interactive session on the Birth Anniversary of Astronaut Kalpana Chawla”	Raman Centre for Science Communication, Vikram Sarabhai Space Exhibition (VSSE) & IQAC, Dr. CV Raman University Kota, Bilaspur (C.G)	17 <sup>th</sup> March 2021	National
	Attended Webinar on “Environmental Issues” in celebration of Earth Day	Eco Club, GZRSC	22 <sup>nd</sup> April 2021	College

	Judging the poster competition on the theme “I make my city/town/village clean and green challenge” and “Restore our Earth”	Eco Club, GZRSC on account of Earth Day Celebration.	22 <sup>nd</sup> April 2021	College
	Attended Webinar on Biodiversity Conservation “We’re part of the solution”	Eco Club, GZRSC sponsored by Mizoram ENVIS Hub & Mizoram Pollution Control Board	22 <sup>nd</sup> May 2021	State
	Attended Webinar on Ecosystem restoration- reimagine, recreate & restore	Dept. of Zoology, GZRSC	5 <sup>th</sup> June 2021	International

**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. Lalhmingliana Hnamte, Member, BOPS, Department of Industrial Chemistry, MZU
3. Dr. Samuel Lallianrawna, Member, Moderation Board, Department of Chemistry, MZU
4. Zonunthari, Member, Board of Studies, Department of Chemistry, MZU
5. Dr. Samuel Lallianrawna, Member, Board of Studies, Department of Chemistry, MZU

**b) State:**

**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
1	Samuel Lallianrawna	Green synthesis of silver nanoparticles using plant extracts & their antimicrobial activities: a review of recent literature	Jan., 2021	RSC - Advances	2046-2069

**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 1<sup>st</sup> Semester and for 2<sup>nd</sup> 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):**

**1. Dr. Lalhmingliana Hnamte** has been given award by Venghlui Branch YMA for his meritorious and devoted service to the society by giving academic support to High School & Higher Secondary School Students of Venghlui through Virtual Mode in times of Covid-19 Pandemic.

**2. Dr. Samuel Lallianrawna** has been appointed as Presiding Officer in the General Election to Aizawl Municipal Corporation, 2021 by State Election Commission, Mizoram.

**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 were taking place around the world and youths of the state were eager to participate in the field of Information Technology, the Department was set up by the Government to meet the demand for the hunger in the field of Information Technology. It was set up as the only self-financed department of the institution. The faculty members are highly qualified and productive educators. At present there are Eight faculty members in the department. Bachelor of Computer Applications (BCA) is a 3-years under-graduate degree course which 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. Audiovisual peripheral devices are available for teaching along with the system. The computing resources were also used by different departments and for the Faculty Development Program by the College.

**5. Teaching Faculties in the department:**

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	C.Lalrinawma	Assistant Professor	MCA, Mphil(CS), B.Ed, Ph.D(on going)	Computer Science	16
2	Dr.MS. Dawngliani	Assistant Professor	MSc(CS) Ph.D	Computer Science	13
3	Lalhruaitluanga	Assistant Professor (Contract)	MSc(IT), MPhil(CS), MBA, Ph.D(on going)	Computer Science	13
4	R.Lalmawipuii	Assistant Professor (Contract)	Btech(CSE) MTech(IT)	Computer Science	13
5	H. Thangkhanhau	Assistant Professor (Contract)	MCA, MTech, Ph.D(on going)	Computer Science	11
6	Vanlallura	Assistant Professor (Part-time)	MCA	Computer Science	11
7	Laldingliana Sailo	Assistant Professor (Part-time)	MCA	Computer Science	11
8	Lalsangzuali	Assistant Professor (Part-time)	Msc(Maths & Comp. Sc)	Mathematics	2

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

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

**7. Details of the Courses conducted by the department:**

1 <sup>st</sup> 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
			<b>23</b>
<b>2<sup>nd</sup> Sem</b>			
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
			<b>23</b>
<b>3<sup>rd</sup> Sem</b>			
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
			<b>23</b>
<b>4<sup>th</sup> Sem</b>			
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
<b>5<sup>th</sup> Sem</b>			<b>23</b>
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	<b>Elective-I</b> (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
			<b>24</b>
<b>6<sup>th</sup> Sem</b>			
BCA/6/EC/31	<b>Elective-II</b> (any one)		5
a)	Software Engineering-II	Theory	
b)	Software Project Management	Theory	
c)	Management Information System	Theory	
BCA/6/EC/32	<b>Elective III</b> (any one)		5
a)	Data Warehousing	Theory	
b)	Computer Networking -II	Theory	
c)	Mobile Computing	Theory	
BCA/6/CC/33	Major Project	Practical	14
			<b>24</b>
	Theory Total(T)		<b>95</b>
	Practical Total(P)		<b>45</b>
		Total(T+P)	<b>140</b>

### 8. Students Particulars:

Sl. No	Semester	Applications received 2020-21	Selected 2020-21	Enrolled		Pass percentage
				M	F	
1	I Semester	32	32	28	4	93.33
2	II Semester	29	29	25	4	100
3	III Semester	18	18	16	2	100
4	IV Semester	18	18	16	2	100
5	V Semester	29	29	26	3	100
6	VI Semester	29	29	26	3	79.31

9. Student - Teacher Ratio: 10:1

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 four students got ranking in BCA under MZU Examination in 2021 as follows:

(i) Lalrinliana Chawnge **5<sup>th</sup> Rank**



(ii) F. Vanlaldika **7<sup>th</sup> Rank**(iii) Mamta Gurung **9<sup>th</sup> Rank**(iv) Vanlalruatfela **10<sup>th</sup> Rank****13. Details of Faculty qualified for the Ph.D degree under year of report:** 1 (One)**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	Whether College/ University /State/ Regional/ National /International
		Research Methodology: Statistical Tools for Data Analysis and Interpretation	Mizoram University	7 <sup>th</sup> – 22 <sup>nd</sup> July 2020	National
		National Level Seminar on Software development: Waterfall versus agile methodology	Mizoram University	13 <sup>th</sup> July 2020	National
		State Level Seminar on Research Ethics, copyright and plagiarism	Mizoram University	20 <sup>th</sup> July 2020	State
		National Level Seminar on Futuristic Hard Disk Drive: Progress and Challenges from media development	Mizoram University	21 <sup>st</sup> July 2020	National
		National Workshop on E-Content Development and online teaching	IQAC, Sahu Ram Swaroop Mahila Mahavidyalaya	4 <sup>th</sup> -8 <sup>th</sup> Aug 2020	National
		FDP on Moodle Learning Management System	IIT Bombay	24 <sup>th</sup> -28 <sup>th</sup> Aug 2020	National
		Advance training programme on research methodology: statistical tools for data analysis and interpretation	Mizoram University	22 <sup>nd</sup> Sept-9 <sup>th</sup> October 2020	National
		National Level Seminar on Diet for Immunity and documentation of Lusei Traditional textile	Department of Home Science, GZRSC	29 <sup>th</sup> Oct 2020	National
		National Webminar on Gender Issues	Research and Seminar Committee, GZRSC Women Studies Committee, GZRSC	30 <sup>th</sup> Oct 2020)	National
		National Webminar on Intellectual Property Right	Research and Seminar Committee, GZRSC Intellectual Property Right Committee, GZRSC	5 <sup>th</sup> November 2020	National

	National Webinar on Bio resources and Climate Change	Research and Seminar Committee, GZRSC	17 <sup>th</sup> November 2020	National
	National Workshop On AIR POLLUTION AND HEALTH HAZARDS (APHH-2021)	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab	31st March 2021	National
	International webinar on Ecosystem Restoration- Reimagine, Recreate and Restore	Dept. of Zoology, GZRSC	5 <sup>th</sup> June 2021	International
	5 days faculty development programme for teaching and non teaching staff	IQAC, Research and Seminar Committee	5 <sup>th</sup> -9 <sup>th</sup> April 2021	College
	GZRSC MIS Release cum Training Program	IQAC, GZRSC	31 <sup>st</sup> May 2021	College
	Cyber Crime Against Women: Precautions and Strategies	Dept. of Management MZU & NCW New Delhi	23 <sup>rd</sup> Nov. 2020	University
	Bioresources & Climate Change	Dept. of Zoology, Dept. of Electronics, Research and Seminar Committee GZRSC	17 <sup>th</sup> Nov. 2020	National
	Intellectual Property Rights	Research and Seminar Committee & Intellectual Property Right Committee, GZRSC	5 <sup>th</sup> Nov. 2020	National
	Gender Issues	Research and Seminar Committee & Women Studies Committee, GZRSC	30 <sup>th</sup> Oct. 2020	National
	Diet for Building Immunity & Documentation of Lusei Traditional Textiles	Dept. of Home Science, Research and Seminar Committee, GZRSC	29 <sup>th</sup> Oct. 2020	National
	Moodle Learning Management System	GZRSC, IIT Bombay	24 <sup>th</sup> -28 <sup>th</sup> August 2020	
	Refresher Course on Research methodology	HRDC, MZU	7 <sup>th</sup> – 20 <sup>th</sup> July 2020	
	Unexpected tough time in this Pandemic time	MZU	21 <sup>st</sup> July 2020	University
	Software Development – Waterfall vs Agile Methodology	Dept. of IT, MZU	13 <sup>th</sup> July 2020	National
	Impact of Wearables & Internet of Things	Dept. of IT, MZU	15 <sup>th</sup> July 2020	University
	Futuristic Hard Disk Drive: Progress & Challenges from Media Development	MZU	21 <sup>st</sup> July 2020, 11:00Pm	National
	Natural Disaster with special emphasis to Earthquake & its implications	IQAC, Govt. Champhai College	20 <sup>th</sup> – 24 <sup>th</sup> July 2020	International
	Online Faculty Development Programme on LaTeX	Dept. of IT, MZU with Spoken Tutorial	29 <sup>th</sup> June – 3 <sup>rd</sup> July 2020	University

			Project IIT Bombay		
		Faculty Development Programme for Teaching & Non-Teaching Staff	IQAC, Research and Seminar Committee GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April 2021	
		Advances in Science Education	Research, Consultancy & Development Cell, GCC & Mizoram Science Technology & Innovation Council (MISTIC), Aizawl	8 <sup>th</sup> – 13 <sup>th</sup> March 2021	International
		Webinar on Biodiversity Conservation	Eco Club GZRSC, Mizoram ENVIS HUB & Mizoram Pollution Control Board	22 <sup>nd</sup> May 2021	
		Ecosystem Restoration-Reimagine, Recreate & Restore	Dept. of Zoology GZRSC with Research & Seminar Committee GZRSC	5 <sup>th</sup> June 2021	International
		The Role of Hypothalamic Neurokinin 3 Antagonism as a Novel Treatment for Menopausal hot flushes	MZU	8 <sup>th</sup> June 2021	University
		Covid19: Disruption of Life Process Impacting Mental Health	MZU	3 <sup>rd</sup> June 2021	International
		FDP on Moodle Learning Management System	IIT Bombay	24 <sup>th</sup> -28 <sup>th</sup> Aug 2020	National
		Digital transformation	Dept of Computer Engineering,MZU	21 <sup>st</sup> July,2020	National
		Wireless Networks and the ns-3 Network Simulator	Faculty of Computer Applications, Ganpat University, Gujarat, INDIA	20th June 2020	International
		National Level Seminar on Software development: Waterfall versus agile methodology	Mizoram University	13 <sup>th</sup> July 2020	National
		Impact of Covid19 on Migrant Workers, Employment & Economy: Special reference to Mizoram	IQAC, Research and Consultancy Cell, Govt. T. Romana College, Aizawl, Mizoram & Mizoram Youth Commission, Govt. of Mizoram	19th August, 2020	National
		National Webinar on Gender Issues	Research and Seminar Committee GZRSC and Women Studies Committee GZRSC	30th Oct 2020	College
		Celebration of National Education Day 2020	Research and Seminar Committee GZRSC	11 <sup>th</sup> Nov 2020	College
		5day Faculty Development Programme for Teaching and Non Teaching Staff	Internal Quality Assurance Cell(IQAC) and Research and	5 <sup>th</sup> – 9 <sup>th</sup> April 2021	College

			Seminar Committee GZRSC		
		National Webinar on Gender Issues	Research and Seminar Committee GZRSC and Women Studies Committee GZRSC	30th Oct 2020	College
		Machine learning for Computer Vision	Electronics & ICT Academics, IITs, IIIT, NITs	June 29-July 8, 2020	National
		Research Methodology: Tools and Techniques	HRDC, MZU	7 <sup>th</sup> -20 <sup>th</sup> July, 2020	National
		Data Science for all	Electronics & ICT Academics, IIIT Jabal, NIT(W) & NIT(Patna)	July 27-8 <sup>th</sup> Augt. 2020	National
		ICT Tools for Teaching, Learning process & Institute	Electronics & ICT Academics, IITs, IIIT, NITs	10 <sup>th</sup> -21 <sup>st</sup> Aust. 2020	National
		Python Programing	Electronics & ICT Academics, IIIT Jabal & NIT Jaipur and NIT Patna	7 <sup>th</sup> -18 <sup>th</sup> Sept.,2020	National
		Demystifying 5G RF ASICs	Electronics & ICT Academics, IIT Guwahati	24 <sup>th</sup> Augt.-4 <sup>th</sup> Sept.,2020	National
		Tools for Writing, Authoring and reviewing manuscripts	Electronics & ICT Academics, IIT(G), NIT Jaipur and NIT Patna	21st Sept and 2 <sup>nd</sup> Oct. 2020	National
		Cyber Security	Electronics & ICT Academics, NIT Jaipur and NIT Patna	05th - 11st October, 2020	National
		Safety and Hygiene in Online (Cyber) World	TLC Ramanujan College, University of Delhi	1– 8 March 2021	National
		Academic Writing	TLC Ramanujan College, University of Delhi	18-24 February 2021	National
		Second International Conference on Computing Science, Communication and Security (COMS2-2021)	Ganpat University, Gujarat	6-7 February 2021	International
		Moodle - Learning Management System	IIT Bombay Spoken Tutorial & GZRSC	24 – 28 <sup>th</sup> August 2020	National
		Research Methodology: Tools and Techniques	HRDC, Mizoram University	28 <sup>th</sup> July to 17 <sup>th</sup> August 2020	National
		Faculty in University/Colleges/Institutes of Higher Education	TLC Ramanujan College, University of Delhi	26 <sup>th</sup> June – 24 <sup>th</sup> July 2020	National
		Research Methodology: Tools and Techniques	HRDC, Mizoram University	7 – 20 <sup>th</sup> July 2020	National
		ICT Tools for Online Teaching	IQAC & Research Committee, GZRSC	30 <sup>th</sup> July to 4 <sup>th</sup> August 2020	College
		Three Days Workshop to discuss the course content of	MBSE	15 – 17 <sup>th</sup> July 2020	State

		Higher Secondary stage syllabus			
		State Level Workshop to prepare Week Wise Lesson Plan for Higher Secondary	MBSE	7 <sup>th</sup> Sept 2020	State
		National workshop on “Internet of Things (IoT) and its Applications”	Lenora College of Engineering	2nd July 2020	National
		One week online Faculty Development Programme on LaTeX,	Department of Information Technology, Mizoram University	29th June to 3rd July 2020	National
		Research writing and managing citations using Mendely software	Department of Computer Science & Engineering, Poornima University, Jaipur	30th July 2020	National
		5 Days Faculty Development Training Programme on E-Training	by Research and Seminar Committee, GZRSC	30th July - 4th August 2020	College
		Online Refresher course on “Research Methodology: Tools and Techniques”	Mizoram University	7th - 20th July 2020	National
		One week National workshop on Challenges and opportunities in Higher Education organised	Research, Innovation and Extension Cell Govt Aizawl College	24th -28th Aug 2020	National
		National Webinar on Intellectual Property Rights	Research and Seminar Committee, GZRSC	5th Nov 2020	National
		National Webinar on Diet for Buiding Immnity and Documentation of Lusi Traditional Textiles	Research and Seminar Committee, GZRSC	29th Oct 2020	National
		Celebration of National Education Day 2020	Research and Seminar Committee, GZRSC	11th Nov 2020	College
		Webinar on Intellectual Property Rights	11th Nov 2020	5th Nov 2020	College
		Entrepreneurship: Issues, challenge and opportunities”	Entrepreneurship Knowledge Cell, Higher and Technical Institute, Mizoram	24th July 2020	State

#### 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) C. Lalrinawma, Member BOS and Moderation Board, MZU

2) Dr MS Dawngliani Member, Moderation Board, 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:** Nil

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

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

2. Course on Spoken Tutorial in collaboration with IIT Bombay

**22. Extension activities by the department:**

**23. Library facilities: (Numbers only)**

a. Textbooks and Reference Books: 1126

b. Journals:

c. E-Books and E Journals:

d. Any other:

**24. Any other relevant information (reports):**

Two batches from our students are enrolled in spoken tutorial by IIT Bombay. The following are the details of the enrollment and the course:

Sl. No	Department	Semester	Software Course	No. of Students
1	BCA	6 <sup>th</sup> Sem	C and Cpp	29
2	BCA	2 <sup>nd</sup> Sem	HTML	18

**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 LALHMANGAIHZUALA  
 b) Phone No (Official) : 9862364797  
 c) Email : rickylralte@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 at Mizoram Board of School Education (MBSE). Recently, on 17<sup>th</sup> March 2020, a new faculty has joined the department as Assistant professor under RUSA scheme.

As per the letter No.MZU/CDC-3/9/20/2480 issued on 10<sup>th</sup> July 2020; for the first time the department has opened a core course for a period of one-year 2020-2021 in accordance with the 38<sup>th</sup> meeting of the Academic council on 23<sup>th</sup> June 2020, Vide its Resolution No. AC: 38:4(14): III (A).

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 Lalmangaihzuale	Asst. Professor (Contract)	MSc(Physics),Ph.D	Advanced Electronics	11
2.	Dr. PC. Rohmingliana	Asst. Professor (Contract)	MSc(Physics),Ph.D	Computer Application in Physics	6
3.	Dr. Lalrinmawia Punte	Asst. Professor (RUSA)	MSc(Physics),Ph.D	Advanced Condensed Matter Physics	2.2
4.	Mr.Reginald H.Vanlalchaka	Asst. Professor (RUSA)	B.E (Electronics & Comm.) M.Tech (Electronics & Comm) UGC-NET (Electronics Sciences)	Electronics Design & Technology	6
5.	Dr.Lalthanpuii Khiangte	Asst. Professor (Casual)	B.E (Electronics & Comm.) M.Tech (Electronics & Comm) Ph.D(ECE)	VLSI	1



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

Designation	RUSA		Contract		Casual		Total	
	M	F	M	F	M	F	M	F
<b>Professor</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>
<b>Associate Professor</b>	0	0	0	0	0	0	0	0
<b>Assistant Professor</b>	2	0	2	0	0	1	4	1
<b>Lab Assistant</b>	0	0	2	0		0	4	0
<b>Lab Attendant</b>	0	1	0	0	0	0	0	1

**7. Details of the Courses conducted by the department:**

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

Semester	Course No.	Name of Paper	Credit
	EL/I/EC/01	Electronics Instrument and Circuit Analysis	4
	EL/I/EC/02	Laboratory-I	2
	EL/II/EC/03	Semiconductor Physics	4
	EL/II/EC/04	Laboratory-II	2
	EL/III/EC/05	Electronic Devices and Amplifier	4
	EL/III/EC/06	Laboratory-III	2
	EL/IV/EC/07	Pulse Switching Circuits	4
	EL/IV/EC/08	Laboratory-IV	2
	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)	<b>Optional I</b> (any one) Electronics Instrument	4
	EL/V/CC/15(b)	Solid State Electronics	
	EL/V/CC/16	Project – I	2
	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)	Power Electronic Devices	4
	EL/VI/CC/23(b)	Fiber Optics and Electronic Communication	
	EL/VI/CC/24	Project – II	2
			72

**8. Students Particulars:**

Sl. No	Semester	Applications received 2020-21	Selected 2020-21	Enrolled		Pass percentage
				M	F	
1	I Semester	50	33	23	10	100%
2	II Semester		31	21	10	100%



3	III Semester		20	18	0	100%
4	IV Semester		20	18	2	100%
5	V Semester					
6	VI Semester					

**9.Student - Teacher Ratio:**

**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	Whether College/University/State/Regional/National/International
		Webinar on Recent advances in Science: Mankind and Change	Govt. Serchhip College, Mizoram, India	6 <sup>th</sup> & 7 <sup>th</sup> July, 2020	International
		Webinar on Phased Array Antennas: Space Applications and Challenges	Dept. of Electronics & Communication Engineering, Mizoram University	17 <sup>th</sup> July, 2020	National
		30 <sup>th</sup> Orientation Course	HRDC, Mizoram University	28 <sup>th</sup> July – 17 <sup>th</sup> August, 2020	
		Webinar on Intellectual Property Rights	TIFAC, Department of Science & Technology, Patent Information Centre, MISTIC and Directorate of Science & Technology, Govt. of Mizoram	10 <sup>th</sup> & 11 <sup>th</sup> August, 2020	National
		Webinar on Materials Science and Human Civilization- Nanoscience and DFT	Mizoram University	12 <sup>th</sup> August, 2020	National
		Webinar on Understanding our Rivers of Hilly Region and its Conservation	Mizoram University	14 <sup>th</sup> August, 2020	National
		Webinar on Natural Disaster with Special Emphasis to Earth quake and its implications	IQAC, Govt. Champhai College	20 <sup>th</sup> – 24 <sup>th</sup> July, 2020	International
		Webinar on National	Govt. Serchhip College,	28 <sup>th</sup>	National

	Education Policy 2020	Mizoram, India	August, 2020	
	Refresher Course on Research Methodology	HRDC, Mizoram University	19 <sup>th</sup> August – 1 <sup>st</sup> September, 2020	
	Webinar on Digital Media for Learning and Teaching	Dept of Physics, Sir Theagaraya College, Chennai	6 <sup>th</sup> September, 2020	National
	National Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Department of Home Science and Research and Seminar Committee, Govt. Zirtiri Residential Science College	29 <sup>th</sup> Oct., 2020	National
	National Webinar on Gender Issues	Research and Seminar Committee and WomenStudies Committee, Govt. Zirtiri Residential Science College	30 <sup>th</sup> Oct., 2020	National
	National Webinar on Intellectual Property Right	Research and Seminar Committee and IPR Committee, GZRSC in collaboration with MISTIC.	5 <sup>th</sup> Nov., 2020	National
	Celebration of National Education Day 2020	Research and Seminar Committee and IQAC, GZRSC,	11 <sup>th</sup> Nov., 2020	State
	National Webinar on Bioresources and Climate Change	Dept. of Zoology, Dept. of Electronics, Research and Seminar Committee, GZRSC	11 <sup>th</sup> Nov., 2020	National
	Effective use of Modern ICT Tools in Online Teaching	Dept. of Computer Science in Association with IQAC and Dept. of Physics, J.A.T Arts, Science & Commerce College, Pune	22 <sup>nd</sup> Nov., 2020	National
	One Day Webinar on the Celebration of National Science Day	Dept. of Electronics, GZRSC in collaboration with MISTIC.	28 <sup>th</sup> Feb., 2020	National
	International Webinar on Overseas Education Career N' Options	IMG, United Kingdom and Govt. Zirtiri Residential Science College, Mizoram	2 <sup>nd</sup> Mar., 2020	International
	Resource Person in Two Days Seminar on the Celebration of National Science Day	Research and Seminar Committee, GZRSC in collaboration with MISTIC.	10 <sup>th</sup> and 11 <sup>th</sup> March, 2021	National
	5 Days Faculty Development Programme for Teaching and Non Teaching Staff	Internal Quality Assurance Cell (IQAC) and Research and Seminar Committee, GZRSC.	5 <sup>th</sup> - 9 <sup>th</sup> April, 2021	National
	National Workshop on Solid Waste Management	PG Dept. of Chemistry, Kanya Maha Vidyalaya, Jalandhar	29 <sup>th</sup> April 2021	National

	Webinar for higher education teacher on 'Brightening the Pathway'	Alumni Association of Patvanatma College, Murickassery.	19 <sup>th</sup> May, 2021	International
	5-days FDP on 'Journey to Research and Beyond'	Dept. of Civil Engineering, Dr DY Patil School of Engineering, Lehogaon, Pune	21 <sup>st</sup> - 25 <sup>th</sup> May, 2021	National
	Webinar on 'Biodiversity Conservation'	Eco Club GZRSC and Mizoram Pollution Control Board	22 <sup>nd</sup> May, 2021	National
	International day for Biological Diversity National Conference 2021	EcoR Foundation in collaboration with Stiles & SSV College, PG Department of History	23 <sup>rd</sup> May, 2021	National
	Five Days Interdisciplinary Online Workshop on "Advance Teaching, Learning, Research Methodology and Innovations".	Saint Francis De Sales College, Nagpur	5 days 1 <sup>st</sup> – 5 <sup>th</sup> June, 2021	National
	Webinar cum Awareness Programme in commemoration of "World Environment Day".	Dept. of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi.	1 day 4 <sup>th</sup> June, 2021	National
	Seminar on "Ecosystems Restoration" to celebrate World Environment Day.	Geo-Crusaders: The Environmental Society & Dept. of Environmental Studies, P.G.D.A.V. College, University of Delhi.	1 day 5 <sup>th</sup> June, 2021	International
	Webinar on "Ecosystem Restoration - Reimagine, Recreate and Restore" to celebrate World Environment Day.	Dept. of Zoology, GZRSC in collaboration with Research and Seminar Committee, GZRSC.	1 day 5 <sup>th</sup> June, 2021	International
	Webinar on "Role of Ecological Projects and Involvement of Youth in Ecosystem Restoration" on the occasion of World Environment Day.	Dept. of Botany & IQAC, Govt. First Grade College, Vijaynagara, Bengaluru, Karnataka.	1 day 6 <sup>th</sup> June, 2021	National
	Webinar on "Principles of Food Safety for a Healthy Tomorrow" on behalf of World Food Safety Day.	Dept. of Chemical Engineering, Food and Pharmaceutical Technology, Paavai Engineering College, Namakkal, Tamil Nadu.	1 day 7 <sup>th</sup> June, 2021	National
	UGC STRIDE Webinar on "The Role of Hypothalamic Neurokinin 3 antagonism as a Novel Treatment for Menopausal hot flushes"	Mizoram University, Aizawl, Mizoram	1 day 8 <sup>th</sup> June 2021	National
	Five Days Faculty Development Programme on "Innovation Incubation	IQAC, Idhaya Engineering College for Women, Chinnasalem, Tamil Nadu.	5 days 7 <sup>th</sup> – 11 <sup>th</sup> June, 2021	National

	Start-ups & Research Challenges in INDIA".			
	Webinar on "Ocean – A Treasure of Potent Bioresources" on behalf of World Ocean Day.	Dept. of Chemical Engineering, Food and Pharmaceutical Technology, Paavai Engineering College, Namakkal, Tamil Nadu.	1 day 8 <sup>th</sup> June, 2021	National
	Webinar on "Effective Communication for Organization's Excellence".	Depts. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 day 11 <sup>th</sup> June, 2021	National
	Webinar on "Leadership Skills for Engineers".	Depts. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 day 11 <sup>th</sup> June, 2021	National
	Web-Seminar on "Treasure of Medicinal Plants: Western Ghats".	Dept. of Botany, Prof. Dr. N.D. Patil Mahavidhyalaya, Malkapur-Perid.	1 day 12 <sup>th</sup> June, 2021	National
	Webinar on "Applied Quantum Mechanics".	PG and Dept. of Physics, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu.	1 day 14 <sup>th</sup> June, 2021	National
	Webinar on "Transients in Power Sysytem".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 01/07/2020	National
	Webinar on "The Winds of Change".	Research & PG Dept. of Physics, Assumption College Autonomous, Changanacherry.	1 Day 01/07/2020	International
	e-Conference on "Sustainable Development: Challenges & Opportunities Post COVID-19".	St. Aloysius Institute of Technology, JBP.	2 Days 01 - 02/07/2020	National
	Webinar on "Publish to Flourish".	Dept. of Zoology, Mizoram University.	1 Day 02/07/2020	National
	Webinar on "Wonders of Physics - Macro to Nano Technology".	Dept. of Physics, Medi-Caps University, Indore.	1 Day 02/07/2020	National
	Webinar on "Thermoelectric materials for Energy Conversion".	Research & PG Dept. of Chemistry, K.L.E. Society's Basavaprabhu Kore Arts, Science and Commerce College, Chikodi.	1 Day 04/07/2020	International
	Webinar on "Education 4.0: Quality, Accreditation and Ranking".	Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur.	1 Day 04/07/2020	National
	Webinar on "Recent	Dept. of Electrical and	1 Day	National

	Trends in E-Vehicle".	Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	04/07/2020	
	Webinar on "Ultra-Low Temperature Co-fired Ceramics (ULTCC): Past Present and Future".	Research & PG Dept. of Physics, Assumption College Autonomous, Changanacherry.	1 Day 04/07/2020	International
	Webinar on "Emerging Trends in Materials Science-2020 (IWETMS-2020)".	Dept. of Physics, Maharaja Bhoj Govt. P.G. College, Dhar.	3 Days 05 - 07/07/2020	International
	Webinar on "Recent Advances in Science: Mankind and Change".	Govt. Serchhip College, Mizoram.	2 Days 06 - 07/07/2020	International
	Webinar on "Atmospheric Neutrino Oscillations".	Research & PG Dept. of Physics, Assumption College Autonomous, Changanacherry.	1 Day 07/07/2020	International
	Webinar on "Integration on Renewable Energy Systems with Microgrid".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 08/07/2020	National
	Webinar on "Fundamentals of Nanofluids and Heat Transfer".	Dept. of Mechanical Engineering, Marthandam College of Engineering & Technology.	1 Day 11/07/2020	National
	Webinar on "Personality Development".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 12/07/2020	National
	Webinar on "Basic Sciences: Challenges and Opportunities".	Dept. of Physics, Vikas College of Arts, Science & Commerce.	1 Day 13/07/2020	National
	e-Conference on "Progress in Material Science".	Dept. of Physics and IQAC, Shrimant Babasaheb Deshmukh Mahavidhyalaya, Atpadi.	1 Day 13/07/2020	National
	Webinar on "WSN Communication Strategies, Challenges and Applications".	Dept. of Electronics and Communication Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 13/07/2020	National
	Short Term Training Programme on "Real Time Simulation and Application for Renewable Energy System".	Dept. of Electrical and Electronics Engineering & IQAC, Karpaga Vinayaga College of Engineering and Technology.	3 Days 13 - 15/07/2020	National
	Webinar on "Wind Energy Conversion System".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 13/07/2020	National

	Webinar on "Professional Behavior".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 14/07/2020	National
	Webinar on "Ultrasonic Sensors for Process Industries".	Dept. of Electronics and Communication Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 14/07/2020	National
	Webinar on "Dive into Deep Learning: An overview and its Implementation".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 15/07/2020	National
	Webinar on "Introduction of Nanotechnology & its Application and Future Aspect".	Dept. of Applied Science & Computer Science Engineering SIRTE.	1 Day 15/07/2020	National
	Webinar on "Impact of Climate Change on Biodiversity in India".	STLLES India, New Delhi and EcoR Foundation, Kochi.	1 Day 15/07/2020	National
	Webinar on "Phased Array Antennas: Space Applications and Challenges".	Dept. of Electronics & Communication Engineering, Mizoram University.	1 Day 17/07/2020	National
	Webinar on "Emerging Trends in Transformer Protection".	Dept. of Electrical and Electronics Engineering of Francis Xavier Engineering College, Tirunelveli.	1 Day 18/07/2020	National
	Webinar on "Novel Applications of Nanomaterials".	IQAC of prof. Dr. N.D. Patil Mahavidyalaya, Malkapur in association with Dept. of Chemistry & Physics.	1 Day 18/07/2020	International
	Webinar on "Digital Transformation".	Dept. of Computer Engineering, Mizoram University.	1 Day 21/07/2020	National
	Webinar on "Futuristic hard Disk Drive: Progress and Challenges from Media Development".	Dept. of Physics, Mizoram University.	1 Day 21/07/2020	National
	Webinar on "Sustainable Development in Fisheries".	Earth Climate and Ocean Research Foundation.	1 Day 21/07/2020	National <sup>24</sup>
	Faculty Development Programme on "E-Teaching".	Research and Seminar Committee, GZRSC.	5 Days 30/07/2020 - 04/08/2020	College <sup>25</sup>
	Webinar on "Human Values and Ethics".	Govt. Serchhip College, Mizoram.	1 Day 20/08/2020	National
	Faculty Development Programme on "Moodle Learning Management	GZRSC and Spoken Tutorial Project, IIT, Bombay.	5 Days 24 - 28/08/2020	National



	System".			
	Webinar on "National Education Policy 2020" for NSS Programme Officers and Volunteers in Mizoram.	State NSS Cell, Mizoram.	1 Day 29/09/2020	State
	Webinar on "Diet for Building Immunity and Documentation of Lusei Traditional Textiles".	Dept. of Home Sc. and Research and Seminar Committee, GZRSC.	1 Day 29/10/2020	National
	Webinar on "COVID-19: Current Issues and Challenges" for NSS Programme Officers and Volunteers in Mizoram.	State NSS Cell, Mizoram.	1 Day 29/10/2020	State
	Webinar on "Gender Issues".	Research and Seminar Committee and Women Studies Committee, GZRSC.	1 Day 30/10/2020	National
	Webinar on "Media & Digital Culture in India".	Govt. Zawlnuam College, Mizoram.	1 Day 02/11/2020	National
	Webinar on "Prospects and Potential of Deep-Sea Mineral Mining – Where does India Stand?".	IQAC, Department of Botany, Zoology and Geography, Smt. Pushpatai Hiray Arts, Science and Commerce Mahila Mahavidyalaya	1 Day 04/11/2020	National
	Webinar on "Intellectual Property Rights".	Research & Seminar Committee and Intellectual Property Rights Committee, GZRSC in collaboration with Mizoram Science Technology & Innovation Council (MISTIC)	1 Day 05/11/2020	National
	Faculty Development Programme on "Online Teaching and Learning Tools".	PG Department of Chemistry and Computer Science, St. Mary's College (Autonomous), Thoothukudi.	3 Days 06 - 08/11/2020	National
	Webinar on "Celebration of National Education Day 2020".	Research & Seminar Committee, GZRSC.	1 Day 11/11/2020	National
	Webinar on "Digital Technology in Education: Concerns and Consequences".	University College of Education, Aikavi Nannaya University, Rajamahendravaram, A.P.	2 Days 11 - 12/11/2020	National
	Webinar on "Recent Trends and Advances in Food Processing".	Mizoram University, Aizawl, India.	1 Day 11/11/2020	National
	Webinar on "A Novel Technique for Treatment of Genetically Induced	School of Engineering and technology, Mizoram University, Aizawl, India.	1 Day 13/11/2020	National

	Diseases".			
	Webinar on "Bioresources and Climate Change".	Department of Zoology, Department of Electronics and Research & Seminar Committee, GZRSC.	1 Day 17/11/2020	National
	Webinar on "Recent Advances in Nanomaterials Based Pesticides Sensor".	Dept. of Chemistry, Union Christian College, UmiamKhwan, Ri-Bhoi District, Meghalaya.	1 Day 04/12/2020	National
	Webinar on "Climate Change".	HRDC, Guru Nanak Dev University, Amritsar.	1 day 26-12-2020	National
	Webinar on "Renewable Feedstocks for Sustainable Chemicals".	Dept. of Chemistry in Association with IQAC, Adusumilli Gopalakrishnaiah & Sugarcane Growers Siddhartha Degree College of Arts & Science, Vuyyuru.	1 day 12-01-2021	International
	Webinar on "Effect of Pandemic on the Environment and its Impact on Climate Change".	Dept. of Chemistry & Zoology, Sankardev College Shillong, Meghalaya.	1 day 29-01-2021	International
	Webinar on "National Science Day".	Raman Centre for Science Communication & IQAC, Dr. C.V. Raman University, Kota, Bilaspur (C.G.)	1 day 28-02-2021	National
	<b>Resource Person in One Day Webinar</b> on the topic "Future of STI: Impacts on Education, Skills and Work" as a part of Celebration of National Science Day 2021.	Mizoram Science, Technology & Innovation Council (MISTIC) and Dept. of Electronics, Govt. Zirtiri Residential Science College.	1 day 28-02-2021	College
	Webinar on "Overseas Education Career N' Options".	IMG, United Kingdom & Dept. of Zoology, Govt. Zirtiri Residential Science College, Aizawl.	1 day 02-03-2021	International
	Webinar on "Interactive Session on the Birth Anniversary of Astronaut Kalpana Chawla".	Raman Centre for Science Communication, Vikram Sarabhai Space Exhibition (VSSE) & IQAC, Dr. C.V. Raman University Kota, Bilaspur (C.G.)	1 day 17-03-2021	National
	5 days <b>Faculty Development Programme</b> for Teaching and Non-Teaching Staffs.	IQAC and Research and Seminar Committee, GZRSC.	5 Days 5 <sup>th</sup> – 9 <sup>th</sup> April, 2021	College
	<b>Webinar</b> on "Environmental Issues" in celebration of Earth Day 2021.	Eco-Club, GZRSC, sponsored by Mizoram State Pollution Control Board.	1 Day 22 <sup>nd</sup> April, 2021.	College
	<b>Online National Workshop</b> on "Solid	PG Dept. of Chemistry, Kanya MahaVidyalaya,	1 Day 29 <sup>th</sup> April,	National



	Waste Management”.	Jalandhar.	2021	
	<b>Webinar</b> on “The Impact of Covid’ 19 Pandemic on Management and Business Practices”.	Dept. of BBA, Mary Matha College of Arts and Science, Periyakulam.	1 day 30 <sup>th</sup> April, 2021	International
	<b>Webinar</b> on “Promoting Academic Integrity and Prevention of Plagiarism in Higher Education Institutions”.	Research Cell of Guru Nanak Khalsa College, Yamunanagar, in association with Turnitin South Asia.	1 day 30 <sup>th</sup> April, 2021	National
	<b>Webinar</b> on “PWM Converters for Renewable Energy Sources”.	Dept. of Electrical & Electronics Engineering, Mandsaur University, Mandsaur.	1 day 1 <sup>st</sup> May, 2021	National
	<b>Webinar</b> on “Biped Robot and its control”.	Dept. of Electronics & Communication Engineering, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka, India.	1 day 3 <sup>rd</sup> May, 2021	National
	<b>Webinar</b> on “Two Wheeler Road Safety”.	NSS unit of Bunts Sangha’s S.M. Shetty College of Science, Commerce and Management Studies, Powai in collaboration with United Way Mumbai.	1 day 5 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “People’s Participation in Environmental Sustainability”.	Dept. of Environmental Studies, P.G.D.A.V. College, University of Delhi & young Social Scientists Association of India.	1 day 8 <sup>th</sup> May, 2021	International
	<b>Webinar</b> on “Covid-19 Challenges & Youth” in view of World Red Cross & Red Crescent Day.	K.L.E. Society’s S. Nijalingappa College.	1 day 8 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “Role and responsibilities of Teacher in present Scenario”.	Educational Planet and Eduweapon Classes.	1 day 9 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “Impact of Covid-19 on Teaching and Learning of Physics”.	Dept. of Physics and IQAC, Kirodimal Govt. Arts & Science College, Raigarh (C.G.)	1 day 10 <sup>th</sup> May, 2021	National
	<b>Workshop</b> on “Research Methodology: Introduction to Research”.	IQAC and the PG Department of Journalism and Communication, Shri ShankarlalSundarbai Jain College for Women, Chennai.	1 day 10 <sup>th</sup> May, 2021	National
	<b>e-Training Programme</b> on “Planetary Health in Disasters and Emergencies”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in	3 days 10 <sup>th</sup> - 12 <sup>th</sup> May, 2021	National

			collaboration with School of Public Health, SRM Institute of Science and Technology, Chennai.		
		<b>Webinar</b> on “Citius, Altius, Fortius: Achieving Excellence in Higher Education”.	Research & Development Cell, DY Patil College of Engineering & Technology, KasabaBawada, Kolhapur.	1 day 11 <sup>th</sup> May, 2021	National
		<b>Online Faculty Development Programme</b> on “Revised NAAC Accreditation Framework Perceptions”.	G.T.N. Arts College, Dindigul, Tamilnadu.	4 days 12 <sup>th</sup> - 15 <sup>th</sup> May, 2021	National
		<b>Workshop</b> on “Research Methodology: Introduction to Communication Research – The Basics”.	IQAC and the PG Department of Journalism and Communication, Shri ShankarlalSundarbai Jain College for Women, Chennai.	1 day 12 <sup>th</sup> May, 2021	National
		<b>Webinar</b> on “Renewable Energy: Smart Micro-Grids”.	Dept. of Electrical & Electronics Engineering, Mandsaur University, Mandsaur.	1 day 15 <sup>th</sup> May, 2021	National
		<b>Webinar</b> on “Energy Swaraj: The Essence of Sustainability”.	Dept. of Electrical & Electronics Engineering, Mandsaur University, Mandsaur.	1 day 18 <sup>th</sup> May, 2021	National
		<b>One Week Short Term Training Programme (STTP)</b> on “Innovations in Physics & Chemistry”.	Dept. of Basic Sciences, AnnasahebDange College of Engineering & technology, Ashta.	6 days 18 <sup>th</sup> – 23 <sup>rd</sup> May, 2021	National
		<b>e-Training Programme</b> on “Incident Response System: Basic & Intermediate”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with Unnat Bharat Abhiyan Cell (UBA), SRM Institute of Science and Technology, Chennai.	3 days 19 <sup>th</sup> – 21 <sup>st</sup> May, 2021	National
		<b>Webinar</b> on “Using Mathematical Models to Understand Epidemics”.	School of Life Sciences, Mizoram University, Aizawl.	1 day 19 <sup>th</sup> May, 2021	National
		<b>Webinar</b> on “The Critical Role of Biodiversity in Sustainable Development”.	Science Department, Shanti Devi Arya Mahila College, Dinanagar.	1 day 20 <sup>th</sup> May, 2021	National
		<b>Webinar</b> on “Conservation of Plant Biodiversity”.	Dept. of Basic Sciences, Guru Nanak College, Sri Muktsar Sahib.	1 day 20 <sup>th</sup> May, 2021	National
		<b>One-Week Faculty Development Program</b> on “Energy and	Dept. of Civil Engineering, Dr. D.Y. Patil Institute of	6 days 20 <sup>th</sup> - 25 <sup>th</sup>	International

	Environmental Science, Technology and Management for Sustainable Development”.	technology, Pimpri Pune-18 and EduEnergy, Singapore.	May, 2021	
	<b>Five Days Faculty Development Program</b> on “Journey to Research and Beyond”.	Dept. of Civil Engineering in Dr. DY Patil School of Engineering, Lohegaon, Pune.	5 days 21 <sup>st</sup> - 25 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on occasion of “International Day for Biological Diversity”.	ENVIS Resource Partners Wildlife Institute of India (WII), Dehradun and World Wide Fund for Nature-India (WWF), New Delhi.	1 day 22 <sup>nd</sup> May, 2021	National
	<b>Webinar</b> on “Close to Nature”.	Dept. of Botany, Telangana Social Welfare Residential Armed Forces Preparatory Degree College for Women, Bhongir, Telangana.	1 day 22 <sup>nd</sup> May, 2021	International
	<b>Webinar</b> on “Importance of Biological Diversity”.	Prakruthi-The Environmental Club of LBRCE, Lakireddy Bali Reddy College of Engineering, Andhra Pradesh.	1 day 22 <sup>nd</sup> May, 2021	National
	<b>Webinar</b> on “We’re part of the Solution”.	Geo-Crusaders: The Environmental Society, & Dept. of Environmental Studies, P.G.D.A.V.College.	1 day 22 <sup>nd</sup> May, 2021	International
	<b>Webinar</b> on the occasion of International Biodiversity Day.	Dept. of Environmental Sciences, M.L. Sukhadia University, Udaipur; Agrawal Kanya Mahavidyalay, Gangapur City &Tajasthan State biodiversity Board, Jaipur.	1 day 22 <sup>nd</sup> May, 2021	International
	<b>Webinar</b> on “Einstein’s Innovative Idea: Photo Electric Effect”.	Anveshika (go & go) national Network of India (IAPT) RVD Vigyan Club YP-UP0288 & Global Science Club, VP 0277 UP.	1 day 22 <sup>nd</sup> May, 2021	National
	<b>Webinar</b> on “Biodiversity Conservation”.	Eco-Club, GZRSC, Mizoram ENVIS HUB & Mizoram Pollution Control Board.	1 day 22 <sup>nd</sup> May, 2021	College
	<b>Webinar</b> on “Research and Publication Ethics”.	Research Promotion Cell and IQAC, Pavanatma College, Murickassery, Idukki, Kerala.	1 day 22 <sup>nd</sup> May, 2021	National
	<b>Webinar</b> on “International Day for Biological Diversity – National Conference 2021”.	EcoR Foundation in Collaboration with Stlles & SSV College, PG Department of History.	1 day 23 <sup>rd</sup> May, 2021	National

	<b>Online Extension Lecture</b> on “Conservation of Plant Biodiversity”.	IQAC of Goswami Ganesh Dutta S.D. College, KheriGurna, Banur.	1 day 24 <sup>th</sup> May, 2021	National
	<b>Five Days Faculty Development Program</b> on “Impact of Covid on higher Education and Research Initiatives”.	Sri Venkateshwaraa College of Engineering & Technology, Pondicherry in association with Indian Society for Technical Education, New Delhi.	5 days 24 <sup>th</sup> – 28 <sup>th</sup> May, 2021	National
	<b>Five Days Online Interactive Faculty Development Program</b> on “Web Apps & e-Content Development for Digital Learning”.	Institute of Advanced Studies in Education (IASE), Agartala in association with Dept. of Educational Technology, Bharathidasan University, Tamilnadu.	5 days 25 <sup>th</sup> – 29 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “The Science of Learning”.	Mizoram University.	1 day 25 <sup>th</sup> May, 2021	International
	<b>Webinar</b> on “Bio Fuels”.	Dept. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 day 26 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “Biodiversity: Life Insurance for Our Changing World”.	Eco-Club of MannarThirumalai Naicker College (autonomous), Pasumalai, Madurai.	1 day 26 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “Impact of COVID-19 pandemic on Higher Education – A Global Perspective”.	Tumkur University, Tumakur, Karnataka, India.	1 day 27 <sup>th</sup> May, 2021	International
	<b>Webinar</b> on “National Education Policy 2020 – Challenges & Opportunities”.	IQAC, PSGVPM’s SIP Arts, GBP Science and STKVS Commerce College, Shahada in collaboration with BharatiyaShikshan Mandal and NITI Aayog, Govt. of India.	1 day 29 <sup>th</sup> May, 2021	National
	<b>Webinar</b> on “Municipal Solid Waste management in India”.	Dept. of Civil Engineering, Sri Venkateswara College of Engineering, Tamilnadu	1 day 1 <sup>st</sup> June, 2021	National
	<b>Five Days Interdisciplinary Online Workshop</b> on “Advance Teaching, Learning, Research Methodology and Innovations”.	Saint Francis De Sales College, Nagpur	5 days 1 <sup>st</sup> – 5 <sup>th</sup> June, 2021	National
	<b>Five Days Virtual Faculty Development Program</b> on “Revised NAAC Accreditation Guidelines	School of Computer Science and IT, Jain Deemed to be University.	5 days 1 <sup>st</sup> – 5 <sup>th</sup> June, 2021	National

	2020”.			
	<b>Webinar</b> on “Exploration and Development for Hydrocarbons – with special reference to North-East India”.	Mizoram University	1 day 2 <sup>nd</sup> June, 2021	National
	<b>Webinar</b> on “COVID-19: Disruption of Life Process Impacting Mental Health”.	Mizoram University	1 day 3 <sup>rd</sup> June, 2021	International
	<b>Webinar cum Awareness Programme in commemoration of “World Environment Day”.</b>	Dept. of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi.	1 day 4 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “House Wiring with Inverter Connection”.	Dept. of Electrical & Electronics Engineering, K. Ramakrishnan College of Technology, Samayapuram, Trichy.	1 day 4 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “How to deal with COVID patient for fast recovery”.	Dept. of Electronics & Communication Engineering, Amity School of Engineering & Technology, Amity University Rajasthan, Jaipur.	1 day 4 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Ecosystem Restoration: Role of Teachers” on occasion of World Environment Day.	Eco-Club and IQAC, Dev Samaj College of Education, Chandigarh.	1 day 5 <sup>th</sup> June, 2021	National
	<b>Seminar</b> on “Ecosystems Restoration” to celebrate World Environment Day.	Geo-Crusaders: The Environmental Society & Dept. of Environmental Studies, P.G.D.A.V. College, University of Delhi.	1 day 5 <sup>th</sup> June, 2021	International
	<b>Webinar</b> on “Ecosystems Restoration in India” on the eve of World Environment Day.	Dept. of Environmental Sciences, Acharya Nagarjuna University.	1 day 5 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Ecosystem Restoration: Why the Need?” to celebrate World Environment Day.	IQAC and NSS of Sao Chang College, Tuensang, Nagaland.	1 day 5 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Ecosystem Restoration - Reimagine, Recreate and Restore” to celebrate World Environment Day.	Dept. of Zoology, GZRSC in collaboration with Research and Seminar Committee, GZRSC.	1 day 5 <sup>th</sup> June, 2021	International
	<b>Webinar</b> on “Ecosystem Restoration: Striving Towards Sustainability” to celebrate World Environment Day.	Dept. of Geography under the aegis of IQAC, Banwarilal Bhalotia College, Asansol, West Bengal.	1 day 5 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Environment:	Institutional Biotech-Hub	1 day	National

	Towards a Greener World” celebrating World Environment Day.	in association with Students’ Grievance Redressal Cell IQAC, Bahona College, Jorhat, Assam.	5 <sup>th</sup> June, 2021	
	<b>Webinar</b> on “Environmental Consciousness & COVID-19 Pandemic” celebrating World Environment Day.	NSS, Dr. BR Ambedkar University, Agra & Dept. of Zoology, Paliwal PG College, Shikohabad, Firozabad (UP).	1 day 5 <sup>th</sup> June, 2021	International
	<b>Webinar</b> on “Automotive Product Manufacturing Process & its QMS Requirements”.	Depts. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 day 6 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Role of Ecological Projects and Involvement of Youth in Ecosystem Restoration” on the occasion of World Environment Day.	Dept. of Botany & IQAC, Govt. First Grade College, Vijaynagara, Bengaluru, Karnataka.	1 day 6 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Multi-disciplinary Approach of Environmental Research and its benefit sharing towards society”.	Centre for Environmental Research Education and Development (CERED)	1 day 7 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on the occasion of World Environment Day 2021.	PG & Research Dept. of Zoology, Rajah Serfoji Government College, Thanjavur.	1 day 7 <sup>th</sup> June, 2021	National
	<b>Distinguished Lecture</b> on “Making Sense of COVID-19 Forecast using Data & Science”.	Dolphin Institute of Biomedical natural Sciences, Dehradun.	1 day 7 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Principles of Food Safety for a Healthy Tomorrow” on behalf of World Food Safety Day.	Dept. of Chemical Engineering, Food and Pharmaceutical Technology, Paavai Engineering College, Namakkal, Tamil Nadu.	1 day 7 <sup>th</sup> June, 2021	National
	<b>3 Days hands-on Workshop</b> on “Mobile App Development”.	Dept. of Computer Science and Engineering, St. Joseph’s Institute of Technology, Chennai.	3 days 7 <sup>th</sup> – 9 <sup>th</sup> June, 2021	National
	<b>E -Workshop</b> on “Jalshakti Abhiyan 2021- Catch the Rain”.	Mahatma Gandhi Arts, Science & Late N.P. Commerce College Armori.	1 day 7 <sup>th</sup> June, 2021	University
	<b>Five Days Faculty Development Programme</b> on “Innovation Incubation Start-ups & Research Challenges in INDIA”.	IQAC, Idhaya Engineering College for Women, Chinnasalem, Tamil Nadu.	5 days 7 <sup>th</sup> – 11 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Nanomechanical Testing: Theory and Applications”.	Depts. of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam.	1 day 8 <sup>th</sup> June, 2021	National



		<b>Webinar</b> on “Ocean – A Treasure of Potent Bioresources” on behalf of World Ocean Day.	Dept. of Chemical Engineering, Food and Pharmaceutical Technology, Paavai Engineering College, Namakkal, Tamil Nadu.	1 day 8 <sup>th</sup> June, 2021	National
		<b>Webinar</b> on “Teaching and Examination Challenges During COVID-19 Pandemic”.	Dept. of Teacher Training, Saltanat Bahadur P.G. College, Badlapur, Jaunpur, U.P.	2 days 8 <sup>th</sup> & 9 <sup>th</sup> June, 2021	International
		<b>Five Days Faculty Development Programme</b> on “Innovative Teaching and research in Science: Exploring The New Horizon”.	Science Forum in Association with IQAC, Govt. First Grade College, Vijaynagara, Bengaluru, Karnataka.	5 days 10 <sup>th</sup> – 15 <sup>th</sup> June, 2021	National
		<b>Webinar</b> on “Human Rights Amid Covid 19: Choices and Outcomes”.	IQAC & Dept. of Political Science, Rani Parvati mDevi College of Arts & Commerce, Tilakwadi, Belagavi, Karnataka.	1 day 11 <sup>th</sup> June, 2021	National
		<b>Webinar</b> on “Sustainable Development and Health Infrastructure: Post Covid Challenges in Indian Context”.	IQAC & Dept. of Economics and Geography, Rani Parvati Devi College of Arts & Commerce, Tilakwadi, Belagavi, Karnataka.	1 day 12 <sup>th</sup> June, 2021	National
		<b>Web-Seminar</b> on “Treasure of Medicinal Plants: Western Ghats”.	Dept. of Botany, Prof. Dr. N.D. Patil Mahavidhyalaya, Malkapur-Perid.	1 day 12 <sup>th</sup> June, 2021	National
		<b>Workshop</b> on “Content Analysis in Communication Research”.	IQAC & PG Dept. of Journalism and Communication, Shri SankarlalSundarbai Jain College for Women.	1 day 12 <sup>th</sup> June, 2021	National
		<b>Orientation Programme</b> on “CYBERHYGIENE: Staying Safe in our Digital Life”.	The Dept. of Interdisciplinary Studies, School of Excellence in Law, TNDALU, Chennai.	1 day 12 <sup>th</sup> June, 2021	National
		<b>Seven Days Faculty Development Programme</b> on “Nurturing the Next Generation Educators”.	Dept. of Commerce with CA, PA and IT, PPG College of Arts and Science, Coimbatore, Tamilnadu.	7 days 12 <sup>th</sup> – 18 <sup>th</sup> June, 2021	National
		<b>Webinar</b> on “Applied Quantum Mechanics”.	PG and Dept. of Physics, SadakathullahAppa College (Autonomous), Rahmath Nagar, Tirunelveli, Tamil Nadu.	1 day 14 <sup>th</sup> June, 2021	National
		<b>Eight Days Online Faculty Development Programme</b> on “How to make Teaching Learning Process Effective &	Dept. of Commerce, Christian Eminent College in Association with Indian Agricultural research Institute, Indore.	8 days 14 <sup>th</sup> – 21 <sup>st</sup> June, 2021	National

	Outcomes based”.			
	<b>Awareness and Orientation Programme</b> regarding the “Prime Requirements to be a Perfect Donor” in connection with World Blood Donors Day.	NSS and Red Ribbon Club of Sree Krishna College, Guruvayur, Thrissur, Kerala.	1 day 14 <sup>th</sup> June, 2021	National
	<b>Workshop</b> on “In-Depth Interview in Communication Research”.	IQAC & PG Dept. of Journalism and Communication, Shri SankarlalSundarbai Jain College for Women.	1 day 15 <sup>th</sup> June, 2021	National
	<b>Online Training Programme</b> on Disaster Resilient Waste Management for Sustainable Spaces”.	National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India in collaboration with IMPRI Impact and Policy research Institute.	3 days 16 <sup>th</sup> – 18 <sup>th</sup> June, 2021	National
	<b>Five Days Faculty Development Programme</b> on “Innovation Incubation & Research Challenges in India”.	Dept. of ECE in Association with IIC, IEDC & IETE Cells of IES College of Engineering.	5 days 21 <sup>st</sup> – 25 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Environment and Sustainable Development (An understanding of Sustainable Development Goals and its relevance for India)”.	Acharya Nagarjuna University in association with Center for Environmental Education and Ecological Development (CEEED), World Environment Organization (WEO) &Prakruthi- The Environmental Club of Lakireddy Bali Reddy College of Engineering, Mylavaram.	1 day 24 <sup>th</sup> June, 2021	National
	<b>Webinar</b> on “Role of Algae and Cyanobacteria in Human Welfare”.	Dept. of Botany, Govt. Degree College, Mahabubabad.	1 day 26 <sup>th</sup> June, 2021	National
	<b>Web-Seminar</b> on “Assessment of Seventy-Five Years of Indian Independence”.	Dept. of History, Prof. Dr. N.D. Patil Mahavidhyalaya, Malkapur in association with IQAC.	1 day 26 <sup>th</sup> June, 2021	National
	<b>Workshop</b> on “Intellectual Property Right”.	Research Club of Post Graduate Dept. of Commerce, Kristu Jyoti College of Management and Technology, Changanacherry.	1 day 28 <sup>th</sup> June, 2021	National
	<b>E-Conference</b> on “Recent Advances in Chemical, Physical and Biological	Dept. of Chemistry, NabiraMahavidhyalaya, Katol and Association of	2 days 29 <sup>th</sup> - 30 <sup>th</sup>	International



		Sciences”.	Chemistry Teachers (ACT), C/o Homi Bhabha Centre for Science Education (TIFR) Mumbai.	June, 2021	
		Recent Advances in Science: Mankind and Change.	Govt. Serchhip College.	6 <sup>th</sup> -7 <sup>th</sup> July 2020.	National
		Assessing the Economic Fallout of the COVID-19 Pandemic.	Govt. Mamit College.	14 <sup>th</sup> July, 2020.	National
		Two Week FDP on Advanced Concepts for Developing MOOCS.	Ramanujan College, University of Delhi.	2 <sup>nd</sup> - 17 <sup>th</sup> July 2020.	National
		Impact of Digital Pedagogy in Technical Education In Covid and Post Covid situation.	Maulana Abul Kalam Azad University of Technology, West Bengal and RCC Institute of Information Technology, Kolkata.	22 <sup>th</sup> July, 2020.	National
		Impact of Digital Pedagogy in Technical Education In Covid and Post Covid situation.	Maulana Abul Kalam Azad University of Technology, West Bengal and RCC Institute of Information Technology, Kolkata.	23 <sup>rd</sup> July, 2020.	National
		One Week International Webinar on Natural Disaster with Special Emphasis to Earthquake and its Implications.	Govt. Cham-phai College.	20 <sup>th</sup> – 24 <sup>th</sup> July, 2020.	International
		Unexpected tough time in this pandemic time- will have to adapt to deal with it since it is what it is.	Mizoram University.	21 <sup>st</sup> July, 2020	National
		The 5 Day Online International Workshop on Sustainability Post Covid-19.	Planning and Programme Implementation Department, Govt. of Mizoram.	27 <sup>th</sup> – 31 <sup>st</sup> July, 2020.	International
		5 Days Faculty Development Programme on E-Teaching.	Govt. Zirtitri Residential Science College.	30 <sup>th</sup> – 4 <sup>th</sup> August, 2020.	Institution
		International Web Conference On Recent Advances In Science (IWCRAS 2020).	Don Bosco College, Tura.	30 <sup>th</sup> – 31 <sup>st</sup> July, 2020.	International
		Two Day National Level Webinar on Intellectual Property Rights.	TIFAC and MISTIC, Directorate of Science and Technology, Govt. of Mizoram.	10 <sup>th</sup> -11 <sup>th</sup> August, 2020.	National
		30 <sup>th</sup> Orientation Course.	UGC, HRDC, MZU.	28 <sup>th</sup> July – 17 <sup>th</sup>	National

				August, 2020.	
		New Education Policy – 2020.	All India Federation of University and College Teachers' Organisations (AIFUCTO).	17 <sup>th</sup> August, 2020.	National
		One Week National Workshop on Challenges and Opportunities in Higher Education.	Govt. Aizawl College and RUSA.	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020.	National.
		New Education Policy 2020.	Govt. Serchhip College.	28 <sup>th</sup> August, 2020.	National
		Faculty Development Programme on Moodle Learning Management System.	Govt. Zirtiri Residential Science College and IIT Bombay, ICT, MHRD, Govt. of India.	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020.	National
		A 5 Day International Webinar on Science and Technology: Mitigating Current Challenges.	Govt. Serchhip College.	7 <sup>th</sup> – 11 <sup>th</sup> September, 2020.	International
		New Education Policy 2020: Issues and Challenges for Higher Education in Mizoram.	Govt. Hnahthial College.	17 <sup>th</sup> October, 2020.	National
		Celebration of National Education Day 2020.	Govt. Zirtiri Residential Science College.	11 <sup>th</sup> November, 2020.	Institution
		National Webinar on Bioresources and Climate Change.	Govt. Zirtiri Residential Science College.	17 <sup>th</sup> November, 2020.	National
		National Webinar on Intellectual Property and its Application.	Govt. Mizoram Law College.	27 <sup>th</sup> November, 2020.	National.
		National Webinar on Research Methodology.	Nehru Arts and Science College.	29 <sup>th</sup> May, 2021.	National
		International Webinar on “COVID19: Disruption of Life Process Impacting Mental Health”.	Mizoram University.	3 <sup>rd</sup> June, 2021.	International
		Personality Development Programme 2021 for Final Year Students.	Govt. Zirtiri Residential Science College.	28 <sup>th</sup> June – 1 <sup>st</sup> July, 2021.	Institution
		Faculty Development Programme (FDP): 5 Days National Workshop on Sensors Technology	Department of Electronics and communication engineering, Mizoram university	5 days (15.02.21-19.02.21)	National
		5 Days Faculty Development programme for Teaching and Non-Teaching Staff	IQAC and Research & Seminar Committee, GZRSC	April 5-9, 2021 (5 days)	Institution
		Machine Learning Enabled Design Automation and Optimization for Electric	IEEE PELS DMC	April 29, 2021	International

		Transportation Power Systems		11pm (1 hour 30 minutes)	
		Professional Webinar on India Patents Act, 1970.	Turnip Innovations	April 30, 2021 5pm (1 hour 30 minutes)	National
		2-Week Patent Course Online Certification	Turnip Innovations	April 30 - May 14, 2021 (14 days)	National
		The Science of Learning	Mizoram University	May 25, 2021	National
		International Webinar on "COVID19: Disruption of Life Process Impacting Mental Health"	Mizoram University	03.06.2021	International
		International Webinar on "Ecosystem Restoration-Reimagine, Recreate and Restore"	Dept. of Zoology, GZRSC in collaboration with Research and Seminar Committee, GZRSC	05.06.2021	International
		Towards explainable AI: ethics and social responsible in human-machine symbiosis by Massimiliano Pirani	IEEE Industrial Electronics Society	15.06.2021	International
		Adaptive EMC Design for Wide Bandgap Power Converters in Aviation Application presented by Dr. Cong Li	IEEE Power Electronics Society & IEEE Transportation Electrification Community	21st July, 2021	International
		2021 IEEE International Workshop on Optimization and Intelligence in Electronics Engineering Applications	Department of ECE, NIT Silchar, India	26-30th July 2021	International
		Webinar on Technological inputs for Spices improvement in India	M.Z.U	1 Day 16.10.2020	National
		Webinar on A novel technique for treatment of genetically induced diseases	M.Z.U	1 Day 13.11.2020	National
		Webinar on Bio-resources and Climate Change	M.Z.U	1 Day 17.11.2020	National
		Organizer in webinar on "Environmental Issues" in celebration of Earth Day on 22 <sup>nd</sup> April 2021	Eco-Club, Government Zirtiri Residential Science College.	1-Day 22 <sup>nd</sup> April, 2021	National
		Participated in 5-Days Faculty Development Programme for Teaching	IQAC, Zirtiri Residential Science College.	5-Days 5 <sup>th</sup> -9 <sup>th</sup>	National

		and Non-Teaching Staff		April, 2021	
		Personality Development Programme 2021 for Final Year Student.	Student Support Committee, GZRSC	4-Days 28 <sup>th</sup> June- 1 <sup>st</sup> Aug. 2021	Institution
		Webinar on COVID-19, Disruption of Life Process, Impacting Mental Health	MZU	1-Day 3 <sup>rd</sup> June 2021	National
		Participated in webinar on "The Science of Learning"	MZU	25 <sup>th</sup> May 2021	International

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

Sl.No	Topic	Funded by	Collaborations
1	National Webinar on Bio-resources and climate change		Dept. of Zoology, GZRSC.

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

**17. Recognized Research Centre /facility: Smart RnDuo**

**18. Number of Faculty as members in**

**a) University:**

1) Dr. Ricky Lalhmangaihzualla, Member, moderation Board, MZU

**b) State:**

1) Dr. Ricky Lalhmangaihzualla, Member, Mizo Academy of Science

2) Dr.P.C Rohmingliana, Member, Mizo Academy of Science

**c) Regional:**

**d) National committees:**

1) Dr.P.C Rohmingliana, Life Member, Nuclear Track Society of India

**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:**

**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: 512**

**b. Journals: 1**

**c. E-Books and E Journals: 5**

**d. Any other:**

**24. Any other relevant information (reports):**

**Our Faculty member Mr. Reginald H. Vanlalchaka has successfully designed and implemented the following start-up projects:**

- 1) Automatic Hand-Sanitizer Dispenser Machine.
- 2) Power Efficient Automatic on-off LED light using Light Dependent Resistor (LDR).
- 3) Digital Wireless Notice Board

**Dr. Lalthanpuui Khiangte filed one Indian Patent and three Australian Patents as tabulated herewith:**

<b>Applied Patent</b>	
A M-O-(Si/SiGe/Si) Structured Device of Tri-Layered Nanosystem Semiconductor and Its Process Thereof	<b>Australian Patent Application No. 2021105085</b> Filing Date: 07.08.2021 Dhar, Rudra Sankar; <b>Khiangte, Lalthanpuui</b> ; Kumar, Kuleen; Nanda, Swagat; Talukdar, Silpee
A Nanosystem Device for Faster Switching with Reduced Leakage and Its Preparing Process Thereof	<b>Australian Patent Application No. 2021105335</b> Filing Date: 11.08.2021 Dhar, Rudra Sankar; Kumar, Kuleen; Talukdar, Silpee; <b>Khiangte, Lalthanpuui</b> ; Nanda, Swagat
A Nano-Composites Based Smart Membrane Device with Enhanced Performance and Its Preparation Process Thereof	<b>Australian Patent Application No. 2021105410</b> Filing Date: 13.08.2021 Dhar, Rudra Sankar; Talukdar, Silpee; <b>Khiangte, Lalthanpuui</b> ; Kumar, Kuleen; Nanda, Swagat
A Nano-Composites Based Smart Membrane Device With Enhanced Performance And Its Preparation Process Thereof	<b>Australian Patent Application No. 2021105410</b> Filing Date: 13.08.2021 Dhar, Rudra Sankar; Talukdar, Silpee; <b>Khiangte, Lalthanpuui</b> ; Kumar, Kuleen; Nanda, Swagat
Ultra-thin composite of hetero-semiconductor assembly loaded onto oxide/metal forming a five-layered dielectric based capacitive system at nano regime	<b>Indian Patent Application No. 202031053152</b> Registration Date: 17.12.2020 Inventor: <b>Lalthanpuui Khiangte</b> , Rudra Sankar Dhar, Kuleen Kumar Co-inventors: 2

**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](mailto:lalmalsawmichhangte23@gmail.com)

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

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

**5. Teaching Faculties in the department:**

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

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

Designation	Regular		Contract		Part Time		Total	
	M	F	M	F	M	F	M	F
Professor								
Associate Professor		3					3	
Assistant Professor		1					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 I	Eng/1/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 2020-21	Selected 2020-2021	Enrolled		Pass percentage
				M	F	
1	II Semester Life Science	107	107	51	56	97.17%
2	II Semester Physical Science	103	103	72	31	99.02%
3	II Semester Home Science	38	38	0	38	97.36 %
4	II Semester BCA	29	29	26	3	100 %

**9. Student - Teacher Ratio:**

B. Sc Life Science	: 26.75:1
Physical Science	: 25.75:1
Home Science	: 9.5:1
BCA	: 7.25:1

**10. Annual Average Attendance Percentage of the Student:** 83 %**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:** Not applicable

**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	Whether College/ University/ State/ Regional/National /International
		Faculty Development Programme on E-teaching.	Research & Seminar Committee, GZRSC	30 <sup>th</sup> July -4 <sup>th</sup> August,2020	College
		Faculty Development Programme on Moodle Learning Management System	IQAC, GZRSC& IIT, Mumbai	24 <sup>th</sup> August-28th August,2020	National
		Workshop on E-Content Development and online teaching	IQAC Sahu Ram Swaroop Mahila Mahavidyalaya	4 <sup>th</sup> -8 <sup>th</sup> August 2020	National Webinar
		Human Values and Ethic	Govt. Serchhip College	20 <sup>th</sup> August 2020	State Level Webinar
		Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Dept of Home Science and Research Committee, GZRSC.	29 <sup>th</sup> October 2020	National

		Gender Issues	Research and Seminar Committee and Women Studies Committee, GZRSC	30 <sup>th</sup> October 2020	National
		Intellectual Property Rights	Research and Seminar Committee, GZRSC	5 <sup>th</sup> November, 2020	National
		Celebration of National Education Day 2020	Research and Seminar Committee GZRSC	11 <sup>th</sup> November 2020	National
		Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, Research and Seminar Committee, GZRSC	17 <sup>th</sup> November 2020	Institutional
		E-Conference on NEP 2020	College of Education, Barshi, Solapur University	1 day/6 March 2021	National
		5 Days Faculty Development Programme for Teaching and Non Teaching Staff	IQAC and Research and Seminar Committee, GZRSC	5-9 April 2021	College
		Faculty Development Programme on E-teaching.	Research & Seminar Committee, GZRSC	30 <sup>th</sup> July -4 <sup>th</sup> August, 2020	College
		Faculty Development Programme on Moodle Learning Management System	IQAC, GZRSC & IIT, Mumbai	24 <sup>th</sup> August-28 <sup>th</sup> August, 2020	National
		Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Dept of Home Science and Research Committee, GZRSC.	29 <sup>th</sup> October 2020	National
		Gender Issues	Research and Seminar Committee and Women Studies Committee, GZRSC	30 <sup>th</sup> October 2020	National
		Intellectual Property Rights	Research and Seminar Committee GZRSC	5 <sup>th</sup> November 2020	National
		Celebration of National Education Day 2020	Research and Seminar Committee GZRSC	11 <sup>th</sup> November, 2020	Institutional
		Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, Research and Seminar Committee, GZRSC	17 <sup>th</sup> November 2020	National
		Webinar on Biodiversity Conservation	Eco Club, GZRSC, Mizoram ENVIS Hub, Mizoram Pollution	22 <sup>nd</sup> May, 2021	State



		Control board		
	5day International Webinar on Mizo Rap Music	Literature Club, Govt Hrangbana College	29 <sup>th</sup> Oct-2nd Nov,2020	International
	5 Day International Workshop on Contemporary Mizo Poetry	Literature Club, Govt Hrangbana College	16 <sup>th</sup> November-20th November, 2020	International
	5 Days Faculty Development Programme for Teaching and Non-Teaching Staff	IQAC and Research and Seminar Committee, GZRSC	5-9 April 2021	College
	Webinar on Environmental Issues	ECO club, GZRSC	22 <sup>nd</sup> April 2021	College
	Webinar on Ecosystem Restoration	Dept of Zoology and Research and Seminar Committee, GZRSC	5 th June,2021	International
	Webinar on Improving Livelihoods and addressing Climate Change through Community Based Natural Resources etc	Mizoram University with University of Minnesota, USA	11 th June,2021	International
	Webinar on Understanding Changes in Indigenous Farming Systems and Livelihoods etc	Mizoram University with University of Minnesota, USA	14 th June,2021	International
	Faculty Development Programme on E-teaching.	Research & Seminar Committee, GZRSC	30 <sup>th</sup> July -4 <sup>th</sup> August,2020	College
	Faculty Development Programme on Moodle Learning Management System	IQAC, GZRSC & IIT, Mumbai	24 <sup>th</sup> August-28th August,2020	National
	Gender Sensitization	Assam University	25 <sup>th</sup> September,2020	National
	Live Panel Discussion on National Education Policy 2020	Mizoram College Teachers Association	13th August,2020	Zonet Live TV show (Local cable network)
	Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Dept of Home Science and Research Committee, GZRSC.	29 <sup>th</sup> October 2020	National
	Gender Issues	Research and Seminar Committee and Women Studies Committee, GZRSC	30 <sup>th</sup> October 2020	National
	Intellectual Property Rights	Research and Seminar Committee GZRSC	5 <sup>th</sup> November 2020	National

	Celebration of National Education Day 2020	Research and Seminar Committee, GZRSC	11 <sup>th</sup> November, 2020	Institutional
	Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, Research and Seminar Committee, GZRSC	17 <sup>th</sup> November 2020	National
	Webinar series on life Span Development	Deptt of Psychology, St.Xaviers college, Lengpui	6 <sup>th</sup> November 2020	National
	Ethnicity in South Asia: Spl Reference to Mizo identity, culture And literature	IQAC, GTRC	25-27 <sup>th</sup> November 2020	International
	5 days Faculty Development Programme (organised and attended)	IQAC & Research and Seminar committee, GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April 2021	College
	Webinar on Environmental Issues (Attended)	Eco Club, GZRSC	22 <sup>nd</sup> April 2021	University
	Webinar on Ecosystem Restoration	Dept of Zoology, GZRSC in collaboration with Research & Seminar Committee	5 <sup>th</sup> June, 2021 8pm	College
	Personality Development Programme (as organiser)	Student Support Committee, GZRSC	28 <sup>th</sup> June to 1 <sup>st</sup> July, 2021	College
	GZRSC MIS Release cum training programme	IQAC, GZRSC	31 <sup>st</sup> May, 2021	College
	Faculty Development Programme on E-teaching.	Research & Seminar Committee, GZRSC	30 <sup>th</sup> July -4 <sup>th</sup> August, 2020	College
	Faculty Development Programme on Moodles Learning Management System	IQAC, GZRSC & IIT, Mumbai	24 <sup>th</sup> August- 28 <sup>th</sup> August, 2020	National
	The Deep & Sweeping Vistas of Literature	Dept of English (UA), PSG College of Arts & Science, Coimbatore.	1 <sup>st</sup> – 4 <sup>th</sup> July, 2020	National
	Challenges and Opportunities in Futuristic Learning and Development Sectors	Dept of English - Shift II, Guru Nanak College (Autonomous).	1 <sup>st</sup> July, 2020	International
	Social Media in the times of Covid 19 – Fun & Learning	Royal Global University, Guwahati	2 <sup>nd</sup> July, 2020	National
	Soft Skills for Students, Teachers, and Employers	Research Foundation of India & World Virtual Conference Forum.	3 <sup>rd</sup> July 2020	International
	Positive Cognitive Behavioral Therapy	Dept of Psychology, MZU	6 <sup>th</sup> July 2020 (6:00 p.m.)	International
	The Post Colonial Perspective	Kamaraj College, Thoothukudi, Tamil Nadu.	6 <sup>th</sup> – 7 <sup>th</sup> July, 2020	International

	Positive Supervision	Dept of Clinical Psychology, MZU.	7 <sup>th</sup> July 2020 (6:00p.m.)	International
	The Saga of Native American Indian Resistance Through the Prism of Literature	Central University of Himachal Pradesh.	7 <sup>th</sup> – 9 <sup>th</sup> July 2020	International
	The Writer's Convention	Dept of English (SF), Kamaraj College	13 <sup>th</sup> July 2020	International
	Assessing the Economic Fallout of the Covid 19 Pandemic	Govt. Mamit College.	14 <sup>th</sup> July 2020	International
	Impact of Wearables and Internet of Things on Healthcare	Dept of Information Technology, MZU.	15 <sup>th</sup> July 2020	National
	Politics of Tribal Exploitation in North East India : An Unexplored Slice of Paradise	Depts of Pol Sc & Sociology, Don Bosco College, Golaghat	16 <sup>th</sup> & 17 <sup>th</sup> July 2020	International
	Deconstruction and Its Application on Text	Govt. Degree College Thathri	20 <sup>th</sup> July 2020	National
	Emotional Well Being in the times of Digital Learning	Guru Nanak College	21 <sup>st</sup> July 2020	National
	Digital Transformation	Department of Computer Engineering, MZU.	21 <sup>st</sup> July, 2020	National
	Gender Bias and Stereotyping – Concerns for the Society	Women Empowerment Cell, Central University of Kashmir.	22 <sup>nd</sup> July 2020	National
	Cross Platform Dialogues: Prospective areas of Research in English Literature	Rajiv Gandhi University, Arunachal Pradesh.	24 <sup>th</sup> July 2020	National
	Ethical Implications of Covid 19 and the Lockdown	Dept of English, Scott Christian College (Autonomous), Nagercoil, Tamil Nadu.	27 <sup>th</sup> July 2020	National
	Literature, Culture and Society	Dept of English, Govt Aizawl North College.	7 <sup>th</sup> August 2020	National
	Normalcy Post Covid 19 : Issues And Challenge	The Extension and Research Cell, Govt Johnson College, Aizawl.	22 <sup>nd</sup> August 2020	International
	Cross-Cultural Translation	Dept of English, Govt J Thankima College.	3 <sup>rd</sup> October 2020	National
	Exploring New Literatures (Rambuai Literature & Lockdown Literature)	Dept of English, PUC	19 <sup>th</sup> & 20 <sup>th</sup> October 2020	National
	A Critical Study of Mizo Rap Music org by	Literature Club, Govt Hrangbana College, Aizawl.	29 <sup>th</sup> Oct – 2 <sup>nd</sup> Nov 2020	National
	Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Dept of Home Science and Research Committee, GZRSC.	29 <sup>th</sup> October 2020	International
	Mizo Identity	jointly org by Dept of	3 <sup>rd</sup> – 10 <sup>th</sup>	National

			Mizo, GANC, Govt Khawzawl College, St Xavier's College, Mizoram Christian College and ICFAI University, Mizoram	November 2020	
		Intellectual Property Rights	Research and Seminar Committee and Intellectual Property Right Committee, GZRSC.	5 <sup>th</sup> November 2020	International
		Celebration of National Education Day 2020	Research and Seminar Committee GZRSC	11 <sup>th</sup> November 2020	National
		Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, Research and Seminar Committee, GZRSC	17 <sup>th</sup> November 2020	Institutional
		Ethnicity in South Asia: Special Reference to Mizo Identity, Culture and Literature	IQAC & Depts of Pol Sc, History and English, Govt T Romana College.	25 <sup>th</sup> – 27 <sup>th</sup> November 2020	National
		Webinar: The Bold & the Beautiful: Representation of Women in Literature & Society	Department of English, KIHES'S Maharashtra College of Arts, Science & Commerce in collaboration with Inspiring Indian Women (IIW, UK)	7 <sup>th</sup> March 2021	International
		'Quality Education: Blackboard to Techboard in the Post COVID Scenario	IQAC, Hislop College, Nagpur in collaboration with National Assessment and Accreditation Council (NAAC) Bangalore	10 <sup>th</sup> March, 2021	International
		AI as an enabler for teachers in implementing NEP 2020 in Higher Education'	Department of MCA of Institute of Industrial and computer Management and Research (ICMR) in collaboration with Bharatiya Shikshan Mandal and NITI Aayog, Government of	13 <sup>th</sup> March 2021	National

		India		
	GZRSC MIS Release cum Training Program	IQAC, GZRSC.	31st May, 2021	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: Nil**

**18. Number of Faculty as members in**

**a) University:**

- 1) Lalrinsangi Nghinglova: Member Core committee for syllabus revision for UG programme in English
- 2) Lalrinsangi Nghinglova: Member of Moderation Board in English

**b) State:**

- 1) Laltluangkimi Hnamte: Member MIELS, Member Screening Board for Asst.Prof under RUSA, Subject Expert for MPSC
- 2) Lalrinsangi Nghinglova: Board member B certificate examination of NCC  
Subject expert for MPSC, Evaluator for MPSC  
Executive member, MIELS  
Financial secretary MCTA Hqrs
- 3) Lalmalsawmi Chhangte, Treasurer MIELS

**c)Regional:**

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

**e) International Committees:**

**f) Editorial Board: Laltluangkimi Hnamte, Chairman, College Magazine  
Lalmalsawmi Chhangte, Member, College Magazine  
Lalrinpuui Rokhum, Member, College Magazine.**

**Lalrinsangi Nghinglova, Board of Editors, College Yearbook**

**19. Details of Publications of Faculty:**

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN No
1	Lalrinsangi Nghinglova	Indigeneity and Religion: The Mizo Context	July,2020	MZU Journal of Literature and Cultural Studies	2348-188
2	Lalrinsangi Nghinglova&	<i>Tribal Jurisprudence and literature:Study of the</i>	July,2020	Journal of Literature and	ISSN 2348-

	Prof KC Lalthlamuani	<i>Mizo Customary Law in select Short Stories</i>		cultural studies	1188
3	Lalrinsangi Nghinglova	<i>Unsung Heroes (pg 95-97) Lockdown literature from Mizoram</i>	27 <sup>th</sup> March, 2020	<i>Writers`Workshop , Kolkata</i>	978-81-949985-5-6
4	Lalrinsangi Nghinglova & Prof KC Lalthlamuani	<i>Where home is a battlefield (Page 200 to 206) Mizo Studies Vol X No 2</i>	April-June, 2021	<i>Dept of Mizo, Mizoram University, Aizawl, Mizoram</i>	ISSN :2319-6041

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

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

**22. Extension activities by the department:**

**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):**

Lalrinsangi Nghinglova participated in Zonet Live Program on NEP 2020 organised by MCTA, Hqr on 13<sup>th</sup> August 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](mailto:czoramthara@gzrsc.edu.in)

**4. Brief Introduction of the Department**

The Department of Geology was established in 2013 and offers geology in Under Graduate level. The Department offers Geology as Core subject since 2015 academic session. There are four teaching faculty actively engaged in teaching, research and Science society.

**5. Teaching Faculty in the Department:**

Sl. No	Name	Designation	Qualification	Subject Specialization
1	Dr. C. Zoramthara	Assistant Professor	M.Sc (JRF+ NET), Ph. D	Sedimentology, Structural Geology, Field Geology
2	Dr. C. Lalmuankimi	Assistant Professor	M.Sc, Ph.D	Micropaleontology and Geochemistry
3	Laltlankima	Assistant Professor	M.Sc ( NET)	GIS and landslide
4	Dr. C. Lalremruatfela	Assistant Professor	M.Sc (NET), Ph.D	Paleomagnetism, Structural Geology, GIS

**6. Number Teaching Staff 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	-	2	1	-	-	3	1
Lab Assistant		1						1
Lab Attendant								

**7. Details of the Courses conducted by the department:**

Semester	Course	Course No.	Category	Credit	Marks		
					Conti. Assessment	End Semester	Total
		Course- I Theory	CC	4	40	60	100
		Course- I Practical	CC	2	40	60	100
		<b>Total</b>		<b>6</b>	<b>80</b>	<b>120</b>	<b>200</b>
		Course- III Theory	CC	3	40	60	100
		Course- IV Practical	CC	2	40	60	100
		<b>Total</b>		<b>5</b>	<b>80</b>	<b>120</b>	<b>200</b>
		Course- V Theory	CC	3	40	60	100
		Course- VI Practical	CC	2	40	60	100

		<b>Total</b>	<b>6</b>	<b>80</b>	<b>120</b>	<b>200</b>
		Course- VII Theory	CC	4	40	100
		Course- VIII Practical	CC	2	40	100
		<b>Total</b>	<b>6</b>	<b>80</b>	<b>120</b>	<b>200</b>
		Course- IX Theory	CC	3	40	100
		Course- X Practical	CC	2	40	100
		Course- XI Theory	CC	3	40	100
		Course- XII Practical	CC	2	40	100
		Course- XIII Theory	CC	3	40	100
		Course- XIV Practical	CC	2	40	100
		Course- XV Theory	CC	3	40	100
		Course- XVI Practical	CC	2	40	100
		<b>Total</b>	<b>20</b>	<b>320</b>	<b>480</b>	<b>800</b>
		Course- XVII Theory	CC	3	40	100
		Course- XVIII Practical	CC	2	40	100
		Course- XIX Theory	CC	3	40	100
		Course- XX Practical	CC	2	40	100
		Course- XXI Theory	CC	3	40	100
		Course- XXII Practical	CC	2	40	100
		Course- XXIII Theory	CC	3	40	100
		Course- XXIV Practical	CC	2	40	100
		<b>Total</b>	<b>20</b>	<b>320</b>	<b>480</b>	<b>800</b>

### 8. Students Particulars:

Sl. No.	Semester	Application received 2020-2021	Selected 2020-2021	Enrolled		Pass Percentage
				M	F	
1.	II	53	20	4	16	75
2.	IV	24	24	21	3	95.8
3.	VI	4	4	4	NIL	100

9. Students – teacher ratio: 12:1 (core 8 (2020-21, 4<sup>th</sup>sem 34(2020-2021)

### 10. Annual Average Attendance Percentage of the Student:

I Semester	–	85%
IV Semester	–	78.5%
V Semester	–	92%



**11. Study tour conducted under year of report:** Landslide prone areas in and around Aizawl, Mizoram

**12. Awards/Recognitions received by faculty and students** : N/A

**13. Details of faculty qualified for the Ph.D degree under year of report:** N/A

**14. Number of paper presented/chaired sessions/ attended in seminars/ conferences/ workshops/symposium; invited Lectures given/attended by teaching faculty in refresher course/ Orientation course/other**

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Whether College/University/State/Regional/National/International
		Attended Refresher Course on Marine Geoscience” exclusively for SC and ST	TC Division, GSITI, Hyderabad	5 days 24 <sup>th</sup> -29 <sup>th</sup> June, 2020	National
		Attended National Training Programme on Earthquake Risk Mitigation	National Institute of Disaster & NEHU	3 days 8 <sup>th</sup> – 10 <sup>th</sup> July, 2020	National
		Attended e-Training on ‘Application of Geographic Information System’	CGMT Division, GSITI, Hyderabad	7 days 30 <sup>th</sup> June – 7 <sup>th</sup> July, 2020	National
		Present a paper entitled ‘Tectonics of Indo-Burma Ranges’ on One-week International Webinar on Natural Disaster with Special Emphasis to Earthquake and its Implication	IQAC, Govt. Champhai College	20 <sup>th</sup> – 24 <sup>th</sup> July, 2020	International
		Participated webinar on ‘Recent Earthquakes in Indo-Burma Ranges’	Dept. of Geology, PUC	6 <sup>th</sup> - 7 <sup>th</sup> August, 2020	National
		Participated webinar on ‘Earthquake Vs Landslide with special reference to Mizoram’	Dept. of Geology, MZU	13 <sup>th</sup> August, 2020	National
		Participated in 5 days National level Online Faculty Development Program on ‘Present & Future Emerging Technologies in Civil Engineering’	Dept. of Civil Engineering, NSRIT, Visakhapatnam, Andhra Pradesh	17 <sup>th</sup> – 21 <sup>st</sup> August, 2020	National
		Participated online webinar programme on ‘Landslide Risk	National Institute of Disaster Management	18 <sup>th</sup> August,	National

		Reduction and Resilience'	& Geological Survey of India	2020	
		Participated in webinar on 'Recent trends in Engineering Geology'	The Karnataka State Engineering Colleges	18 <sup>th</sup> – 19 <sup>th</sup> August, 2020	National
		Participated in Faculty development programme on 'Moodle Learning Management System'	Govt. Zirtiri Res. Sc. College in collaboration with IIT Bombay	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020	National
		Participated in Two weeks Online International Faculty Development Program on 'Soil structure Interactions and its Applications'	Dept. of Civil Engineering, G.B. Pant Institute of Engineering and Technology, Uttarakhand	31 <sup>st</sup> Sept to 11 <sup>th</sup> October, 2020	International
		Participated in International Virtual Workshop on 'Global Seismology & Tectonics'	GeoScience and Technology Division, CSIR-NEIST, Jorhat, Assam, India	10 days 14 <sup>th</sup> – 25 <sup>th</sup> September, 2020	International
		Participated in National webinar on 'Diet for building immunity and Documentation of Lusei Traditional Textiles	Dept. of Home Science and Research & Seminar Committee, GZRSC	1 day 29 <sup>th</sup> October, 2020	National
		Participated in National webinar on 'Gender Issues'	Research & Seminar Committee and Women Studies Committee, GZRSC	1 day 30 <sup>th</sup> October, 2020	National
		Chaired a session in 'National Webinar on Intellectual Property Rights'	Research & Seminar Committee and Intellectual Property Right Cell, GZRSC	1 day 5 <sup>th</sup> November, 2020	National
		Attended International Seminar on Recent Advances in Science & Technology	North-East Academy of Science & Technology	3 days 16 <sup>th</sup> – 18 <sup>th</sup> November, 2020	International
		Presented a paper entitled 'Provenance determination of Middle Bhuban sandstones of Surma Group, Mizoram,'	Mizoram Science Congress (Online), 2020	2 days 3 <sup>rd</sup> – 4 <sup>th</sup> December, 2020	National
		Presented a paper entitled 'Monitoring Landslide activity of Bawngkawn, Aizawl using UAV.'	Mizoram Science Congress (Online), 2020	2 days 3 <sup>rd</sup> – 4 <sup>th</sup> December, 2020	National
		Participated in Faculty development programme on 'Moodle Learning Management System'	Govt. Zirtiri Res. Sc. College in collaboration with IIT Bombay	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020	National
		Participated in Understanding	Dept of Geology,	14 <sup>th</sup>	National

	our rivers system of hilly Region and its conservation	Mizoram University	August, 2020	
	National webinar on Diet for Building immunity and Documentation o Lusei traditional textiles,	Dept of Home Science, Research and Seminar Committee, Government Zirtiri Residential Science College, Aizawl	29 <sup>th</sup> October, 2020	
	Attended in Five - Day Orientation Program on Youth Development for NCC Officers of North Eastern Region	Rajiv Gandhi National Institute of Youth Development, Tamil Nadu with National Cadet Corps, North Eastern Directorate, Shillong, Meghalaya	27 <sup>th</sup> to 31 <sup>st</sup> October, 2020	National
	Attended in National webinar on Intellectual Property Rights	Research and Seminar committee in collaboration with Mizoram Science Technology & Innovation Council (MISTIC)	20 <sup>th</sup> November, 2020	State
	Paper presented entitled “Geochemical study on Bhuban shales in Neogene Succession of Aizawl District in Mizoram, India”, Mizoram Science Congress, 2020	Mizoram Science Technology & Innovation Council and Directorate of Science & Technology, Planning Department, Govt. of Mizoram	3 <sup>rd</sup> to 4 <sup>th</sup> , December, 2020	National
	Paper presented titled “Palaeo-environmental study in Bhuban Formation, Aizawl, Mizoram, India	American Geophysical Union	1 <sup>st</sup> to 17 <sup>th</sup> December, 2020	International
	Participated in Seminar on 2020, Earthquakes in Mizoram	Directorate of Science & Technology, Planning Department, Govt. of Mizoram	15 <sup>th</sup> January, 2021	State
	Participated in Short term Certificate Course on Internet of things and Automation	National Institute of Youth Development, Tamil Nadu	15 <sup>th</sup> to 19 <sup>th</sup> March, 2021	
	Attended in One week Lecture Series for Indian Students to be facilitated by Experts from RWTH University, Germany	National Institute of Youth Development, Tamil Nadu	29 <sup>th</sup> March to 2 <sup>nd</sup> April, 2021	National
	Attended Seminar on Earth Day, 2021	Directorate of Science & TechnologyGovt of Mizoram with Geological Society of	22 <sup>nd</sup> April, 2021	State

			India		
		Attended in Nanotechnology and its Applications	National Institute of Youth Development, Tamil Nadu with Jawaharlal Nehru University, Seagate Technology Minnesota, USA, Boston Scientific	26 <sup>th</sup> to 30 <sup>th</sup> April, 2021	National/International
		Attended in 2020 covid-19 Training in for NCC	Department of PERSONNEL & TRAINING, Govt. of India	17 <sup>th</sup> May, 2021	National
		Online Lecture Series on various aspects of Geology	Geological institute. Department of Geology, Presidency University, Kolkata	22nd August to 27th September, 2020.	National
		Advance training programme on water resource management, glacier monitoring and climate change studies	DST's Centre of Excellence, Department of Geology, Sikkim University.	15th February to 7th March, 2021.	National
		E-class on Gemology	Department of Geology, Nagaland University.	18th – 22nd January, 2021.	National
		Faculty Development Programme on Moodle Learning Management System	GZRSC	2020-09-24 to 2020-09-28	State
		Crisis and disaster management	National disaster management, Govt. India and Dept. of Social work, Madras christian college.	9- 11 July 2020	International
		Virtual workshop on Seismology and tectonics	Geoscience and technology division, CSIR-NEIST, Jorhat, Assam	14-25 September 2020	International
		e-Training on “Engineering Geology and Landslide Studies	RTD, SR, GSITI, Hyderabad	17-22 May 2021	National
		Completed “21 days Online GIS Training Program using QGIS”	Dept. of Geography, Central University of Karnataka and State Institute of Urban	13 <sup>th</sup> July to 2 <sup>nd</sup> August, 2020. (21 days)	
		Participated in ‘One week International Webinar on Natural Disaster with special emphasis to Earthquakes and its Implications’	IQAC, Govt. Champhai College	20 <sup>th</sup> to 24 <sup>th</sup> July 2020. (1 week)	International
		Participated in webinar on	Dept. of Geology,	6 <sup>th</sup> to 7 <sup>th</sup>	

	“Recent Earthquakes in Indo-Burman Ranges”	PUC	August 2020. (2 days)	
	Participated in webinar on “Earthquake versus Landslide with special reference to Mizoram”	Dept. of Geology, Mizoram University	13 <sup>th</sup> August 2020.	
	Participated in Faculty Development Programme on “Moodle Learning Management System”	Govt. Zirtiri Residential Science College & IIT Bombay	24 <sup>th</sup> to 28 <sup>th</sup> August 2020. (4 days)	National
	Attended “GEOCHRON” An Online Lecture Series.	Geological Institute, Geology Department, Presidency University, Kolkata.	22 <sup>nd</sup> August to 27 <sup>th</sup> September 2020. (37 days)	International
	National webinar on ‘Diet for building Immunity and Documentation of Lusei Traditional Textiles’	organized by Department of Home Science and Research & Seminar committee, GZRSC	29 <sup>th</sup> October, 2020	National
	National webinar on ‘Gender Issues’	organized by Research & Seminar committee and Women studies committee, GZRSC	30 <sup>th</sup> October, 2020	National
	‘National webinar on Intellectual Property Rights’	organized by Research & Seminar Committee; IPR Committee GZRSC and MISTIC, Government of Mizoram.	5 <sup>th</sup> November 2020	National
	‘Webinar on Celebration of National Education Day 2020’	organized by Research and Seminar Committee and IQAC GZRSC.	11 <sup>th</sup> November 2020	College
	‘National webinar on Bio-resources and Climate change’	organized by Dept. of Zoology, Dept of Electronics and Research and Seminar Committee and IQAC GZRSC	17 <sup>th</sup> November 2020	National
	Presented a paper on ‘Monitoring Landslide activity of Bawngkawn area using Unmanned Aerial Vehicle (UAV) at Mizoram Science Congress 2020.	DST, Mizoram	3 <sup>rd</sup> – 4 <sup>th</sup> December, 2020	National

	e- Lecture on Paleomagnetism	organized by Geology Department, Lunglei Govt. College.	2.12.2020	Inter-college
	Virtual field lecture on 'Structural and Engineering Geology'	organized by Geology Department, Lunglei Govt. College,	11.12.2020	Inter-college
	Moderation board meeting		2 <sup>nd</sup> March 2021	State level
	Chaired afternoon session in Workshop on Swachhata (Cleanliness)	State NSS Office	29 <sup>th</sup> March 2021	State level
	Participated in 5 days faculty development program	IQAC and Research and seminar committee, GZRSC.	5 <sup>th</sup> to 9 <sup>th</sup> April	College
	Organized 'Webinar on Environmental Issues' in celebration of Earth Day 2021	Eco Club GZRSC, sponsored by MPCB	22 <sup>nd</sup> April 2021	State
	Participated in webinar Earth Day 2021	Department of Science and Technology Mizoram and Geological Society of Mizoram.	22 <sup>nd</sup> April 2021	State
	Online training programme on Media and Disaster Management	Mahatma Gandhi State Institute of Public Administration, Punjab in collaboration with	26 <sup>th</sup> to 28 <sup>th</sup> April 2021	National
	People's participation in Environmental sustainability.	Of Environmental Sciences, PGDAV College, University of Delhi.	8 <sup>th</sup> May 2021 1 day	International
	Webinar for Higher Education Teachers on "Brightening the Pathway"	Alumni Association of Pavantma College, Murickassery	19 <sup>th</sup> May 2021 1 day	International
	Faculty development programme on "Journey to Research and beyond"	Dept. of Civil Engineering, Dr DY Patil school of Engineering, Lohegaon, Pune.	21 <sup>st</sup> to 25 <sup>th</sup> May 2021 5 days	National
	Community Based Disaster Risk management During Covid-19 Pandemic	NIDM, Ministry of Home Affairs. Govt. Of India.	26 <sup>th</sup> to 28 <sup>th</sup> May 2021 3 days	International
	"Role of Ecological Projects and Involvement of Youth in Ecosystem Restoration"	Dept. of Botany and IQAC, Department of Collegiate Education, Govt.	6 <sup>th</sup> June 2021	National
	"Improving livelihoods and addressing Climate change	Mizoram University in collaboration with	11 <sup>th</sup> June 2021	International

		through Community Based Natural Resources Management: Experience from Guatemala & Research opportunities of NE India”	University of Minnesota, USA.		
		Mental Well Being and Need for Behavioural Change Communication in context to Covid-19	NIDM, Ministry of Home Affairs, Govt. Of India in collaboration with Mahatma Gandhi State Institute of Public Administration, Punjab	19 <sup>th</sup> June 2021	National

**15. No. of conference/Seminar organized by the department:** N/A

**16. Department project funded by DST-FIST; UGC, DBT, ICSSR etc. and Total grants:** N/A

**17. Recognized Research Centre/facility:**

**18. Number of Faculty as members in**

**a) University:**

- a) Lalitankima and Dr C. Lalremruatfela: Member of Moderation Board in Under Graduate level
- b) Dr C. Zoramthara: Member, Board of studies in the Department of Geology, Mizoram University
- c) Dr C. Zoramthara: Member, School Board, School of Earth Sciences & Natural Resource Management, Mizoram University

**b) State:**

- 1) Dr C. Lalmuankimi: Office Bearer and member in Governing Body of Geological Society of Mizoram
- 2) Dr.C Zoramthara, Dr C. Lalmuankimi, Dr.C Lalremruatfela, Lalitankima: Members in Governing Body of Mizo Academy of Sciences
- 3) Dr C. Zoramthara & Dr C. Lalremruatfela: Member in BIOCON
- 4) Dr C. Zoramthara & Dr C. Lalremruatfela Member of a committee of Geologist to monitor the drilling and installation of piles on ‘Restoration of National Highway 54 & Mitigation of land sinking area at Hunthar veng, Aizawl under Disaster Management & Rehabilitation Department, Government of Mizoram
- 5) Dr C. Zoramthara Executive member, Mizoram Science Society

**c) Regional:**

- a) Dr C. Lalmuankimi: Life Member in Indian Society of Applied Geochemist

**d) National committees:** N/A

**e) international committees:**

- a) Dr C. Lalmuankimi: Member in American Geophysical Union, Washington, Dc- **(One)**

**f) Editorial Board:** N/A



**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	Neogene Shallow Marine Sediment Dispersal, Burial and Exhumation in the Ancestral Brahmaputra Delta: Indo-Burma Ranges, India	05.11.2020	Journal of Sedimentary Research- Elsevier, 2020. Vol <b>90</b> : 1-20 pp (International)	1001-6279
2.	Dr. C. Zoramthara	Geochemical Appraisal on History and Evolution of Barail sandstones of Zote-Ngur, Champhai District, Mizoram, India	January 2021	Science and Technology Journal, Vol <b>9</b> Issue I: 41-48 (National)	2321-3388
3.	Laltlankima	Landslide hazard zonation along sesawng Village and Seling Village, Thingsulthliah Rd block, Aizawl District.	April 2021.	Indian journal of Natural Sciences. Vol. <b>12</b> / Issue 65 (National)	0976-0997

**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:**

**22. Extension activities by the Department:**

**23. Library facilities: (Numbers only):**

- a. Textbooks and reference Books : 523
- b. Journals : Communicated
- c. E-Books and E-Journals : N/A
- d. Any other :

**24. Any other relevant information:**

SL No.	NAME OF FACULTY	ANY OTHER RELEVANT INFORMATION
		DDK Live phone programme on the topic 'Recent earthquakes in Mizoram' on 14 <sup>th</sup> July 2020
		Accompanied Mr. Lalchhandama Ralte, Hon'ble Minister of State from 27 <sup>th</sup> to 29 <sup>th</sup> July 2020 on his tour programme in visiting Earthquake affected areas. Earthquake disaster campaign and research related activities were conducted during this tour.
		Appointed as COVID-19 officer on 11 <sup>th</sup> May 2020 and discharged for duty of preventive and containment measures against the spread of Corona Virus.
		Collaborated with Disaster committee on investigation of Zemabawk landslide on 7. 10.2020. Survey was conducted in and around the area identifying the type of mass movement and suggestions was given to the Local Council members. The team also shares their findings on the structural stability and immediate mitigation measures to Dr. H. Lallenmawia, Senior Consultant, Disaster Management and Rehabilitation Dept. Govt. of Mizoram.
		Performed as Examiner on Undergraduate Central Evaluation in

		<p>II/IV/VI Semester Examination 2020 conducted by Examinations Department, MZU during 28<sup>th</sup> Sept to 5<sup>th</sup> October 2020.</p> <p>Appointed as member of Moderation Board, UG Geology for a period of 2 years (Even 2021-odd 2022).</p> <p>Organized Cleanliness Drive at College Campus on 3<sup>rd</sup> and 4<sup>th</sup> March 2021 as Program Officer of NSS, Eco Club secretary and member of Cleanliness committee.</p> <p>Youth adventure Club GZRSC Organized 4 days one hour training from 4:00 to 5:00 pm from 9<sup>th</sup> to 12<sup>th</sup> March 2021.</p> <p>Conducted 3 days National Nature camp 2021 at Nghalchawm during 25<sup>th</sup> to 27<sup>th</sup> March 2021 sponsored by Mizoram Pollution Control Board. The camp was organized by Eco Club and Adventure Club GZRSC.</p> <p>Organized Waster Management Campaign cum Cleanliness week from 12<sup>th</sup> to 16<sup>th</sup> April 2021 as member of Cleanliness committee, NSS and Eco Club.</p> <p>Accompanied Prof R. Lalnunmawia MLA, for geological investigation of Chamring landslide on 26<sup>th</sup> April 2021.</p> <p>Participated in "Observance of Green Mizoram Day 2021 on 11<sup>th</sup> June 2021 at Durtlang campus. This program was organized by Eco-Club, NSS and IQAC</p>
2.	<b>Dr. C. Lalmuankimi</b>	<p>Appointed as organizing committee member for 2<sup>nd</sup> Mizoram Science Congress, 2020 by Mizoram, Technology &amp; Innovation Council (MISTIC).</p>
		<p>Accompanied Mr. Lalchhandama Ralte, Hon'ble Minister of State from 27<sup>th</sup> to 29<sup>th</sup> July 2020 on his tour programme in visiting Earthquake affected areas. Earthquake disaster campaign and research related activities were conducted during this tour.</p> <p>Appointed as COVID-19 officer on 7<sup>th</sup> August 2020 and discharged for duty of preventive and containment measures against the spread of Corona Virus.</p> <p>Appointed as paper setter for HSSLC Examination 2021 for the subject of Geology (Theory and Practical) on 29<sup>th</sup> September 2020.</p> <p>Collaborated with Disaster committee on investigation of Zemabawk landslide on 7. 10.2020. Survey was conducted in and around the area identifying the type of mass movement and suggestions was given to the Local Council members. The team also shares their findings on the structural stability and immediate mitigation measures to Dr. H. Lallenmawia, Senior Consultant, Disaster Management and Rehabilitation Dept. Govt. of Mizoram.</p> <p>Organized 'Orientation program 2020' for NSS volunteers.</p> <p>Performed as Examiner on Undergraduate Central Evaluation in II/IV/VI Semester Examination 2020 conducted by Examinations Department, MZU during 28<sup>th</sup> Sept to 5<sup>th</sup> October 2020.</p> <p>Appointed as team leader for Covid-19 Executive Team for No Tolerance Fortnight during 9<sup>th</sup> to 23<sup>rd</sup> November 2020 at Muanna veng.</p> <p>Appointed as member of Moderation Board, UG Geology for a period of 2 years (Even 2021-odd 2022).</p>

	Organized Cleanliness Drive at College Campus on 3 <sup>rd</sup> and 4 <sup>th</sup> March 2021 as Program Officer of NSS, Eco Club secretary and member of Cleanliness committee.
	Youth adventure Club GZRSC Organized 4 days one hour training from 4:00 to 5:00 pm from 9 <sup>th</sup> to 12 <sup>th</sup> March 2021.
	Participated as NSS Program Officer in Special camping at Sairang Dinthar on 19 <sup>th</sup> March 2021. Waiting shed renovation and cleanliness work was conducted with 25 volunteers.
	Conducted 3 days National Nature camp 2021 at Nghalchawm during 25 <sup>th</sup> to 27 <sup>th</sup> March 2021 sponsored by Mizoram Pollution Control Board. The camp was organized by Eco Club and Adventure Club GZRSC.
	Participated as NSS Program Officer in Special camping at Durtlang Leitan Zotui and Durtlang locality on 31 <sup>st</sup> March 2021. Construction of stream well and repairing of public urinal.
	Organized Waster Management Campaign cum Cleanliness week from 12 <sup>th</sup> to 16 <sup>th</sup> April 2021 as member of Cleanliness committee, NSS and Eco Club.
	Accompanied Prof R. Lalnunmawia MLA, for geological investigation of Chamring landslide on 26 <sup>th</sup> April 2021
	Organizing secretary in “Webinar on Biodiversity Conservation” in observance of International Day for Biological Diversity Conservation on 22 <sup>nd</sup> May 2021.
	. Participated in Donation for fight against Covid-19 for Ramthar veng, Electric veng LLTF and Sairang Dinthar VLTF as NSS Program Officer.
	Participated in “Observance of Green Mizoram Day 2021 on 11 <sup>th</sup> June 2021 at Durtlang campus. This program was organized by Eco-Club, NSS and IQAC.
	Prepared and distributed landslide awareness flyers as Nodal Officer of Disaster Management Committee

## 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](mailto: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 her, Mrs Lalziki Sailo had taken up and had been functioning with Arts departments under Zirtiri Women College. After amalgamation, it came under Govt. Zirtiri Residential Science College for which the requirements were 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 lab 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	33
2	Lalsangliani Khawlhing	Associate Professor	M.Sc	Family Resource Management	35
3	Lalsangkimi Hmar	Associate Professor	M.Sc	Human Development	32
4	Lalthanpuui Ralte	Associate Professor	M.Sc, LL.B	Human Development	31
5	Lalhmingliani Hlondo	Associate Professor	M.Sc, Ph.D ongoing	Human Development	30
6	C.Lalramdina	Associate Professor	M.Sc	Zoology	28
7	C.Zarzokimi	Associate Professor	M.Sc	Zoology	23
8	Vanlallawmi	Associate Professor	M.Sc	Family Resource Management	23
9	Lalrammawii	Associate Professor	M.Sc	Food & Nutrition	23
10	Mimi Lalmuanawmi	Assistant Professor	M.Sc (NET)	Textiles & Clothing	10
11	Maria Lalhmingmawii	Assistant	M.Sc (NET)	Food & Nutrition	16

		Professor			
12	Rebecca Lalnuntluangi	Assistant Professor	M.Sc	Textiles&Clothing	9

#### 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
<b>English – I</b>	<b>Foundation Course</b>		
<b>I Sem</b>	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
<b>English - II</b>	<b>Foundation Course</b>		
	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
	HS-301	Extension Education and Communication	4
	HS-302	Practical for HS-301	2
	HS-303	Physiology	4
	HS-304	Practical For HS-303	2
	HS-305	Household Equipments & Consumer Economics	4
	HS-306	Practical for HS -305	2
	HS-401	Human Development-Childhood	4
	HS-402	Practical for HS-401	2
	HS-403	Clothing and Textiles	4
	HS-404	Practical for HS-403	2
	HS-405	Nutrition for the Family	4
	HS-406	Practical for HS-405	2
	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
	HS-601	Child Psychology	4

VI Sem	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

### 8. Students Particulars:

Sl. No	Semester	Applications received 2020-21	Selected 2020-2021	Enrolled		Pass percentage
				M	F	
1	I Semester	20	20	1	19	
2	II Semester	37	37	nil	37	97.36
3	III Semester	18	18	1	17	100
4	IV Semester	18	18	1	17	100
5	V Semester	20	20	nil	20	100
6	VI Semester	20	20	nil	20	100

9. Student - Teacher Ratio: 1:6

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

11. Study tour conducted under year of report: Nil

12. Awards / Recognitions received by faculty and students: Lalringzeli was awarded the Pi Lalziki award Rs.5000 /-

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	Whether College/University/State/Regional/National/International
		Good house keeping	SIRD & PR	10 <sup>th</sup> Dec. 2021	State
		Workshop for rural unemployed Challenges & opportunities in Higher Education	Durtlang IQAC, GAC	24 <sup>th</sup> -28 <sup>th</sup> Aug 2020	National
		Webinar on Human	Govt Serchhip College	20 <sup>th</sup> Aug	National

	Values & Ethics		2020	
	FDP on Moodle Learning, Management System	GZRSC	24 <sup>th</sup> -28 <sup>th</sup> Aug2020-	National
	Webinar on Science & Technology; Mitigating Current Challenges	Govt Serchhip College	7 <sup>th</sup> Sept -11 <sup>th</sup> Sept2020	International
	Webinar on Greater Investment, Greater Access	Dept of Clinical Psychology MZU	10 <sup>th</sup> October 2020	National
	Organised Webinar on Diet for Building Immunity & Documentation of Lushai Traditional Textiles	Home Science Department & Research Committee	29 <sup>th</sup> October 2020	National
	Webinar on Intellectual Property Rights	Research, Seminar & Intellectual Property Rights Committee	5 <sup>th</sup> November 2020	National
	Webinar on Women Empowerment	Women Cell & IQAC	23 <sup>rd</sup> April2021	National
	Webinar on Science of Learning	MZU	25 <sup>th</sup> May 2021	National
	Webinar on Disruption of Life Process; Impacting Mental Health	MZU	3 <sup>rd</sup> June 2021	National
	Webinar on Climate Changes and Research Opportunities for North East India	MZU in collaboration with University of Minnesota, USA	11 <sup>th</sup> June 2021	International
	Preparation of question bank For undergraduate	MZU	1 <sup>st</sup> May 30 <sup>th</sup> June 2021	
	Member BUGS	MZU	9 <sup>th</sup> February 2021- 2022	
	Meeting BUGS	MZU	2 <sup>nd</sup> March 2021	
	Webinar on Impact of Covid of Covid -19 on Teaching Learning Process: Challenges and solutions	Rajendra Academy for Teachers' Education	1day 30 <sup>th</sup> June 2020	International
	Webinar 5 Days FDP on E-Teaching	Research &Seminar committee and IQAC GZRSC	5 Days 30 <sup>th</sup> July-4 <sup>th</sup> August 2020	College
	Webinar on Science and Technology: Mitigating current challenges	Department of Botany Govt. Serchhip College	5 Days 7-11 Sept. 2020	National
	Webinar on Mental Health for all- Greater access	Dept of Clinical Psychology, MZU	10 <sup>th</sup> October 2020	National
	Webinar on Promoting Mizo Literature and its Significance	Dept. of Mizo Govt. Hnahthial College	5 Days 9-13 <sup>th</sup> October 2020	University



	Organised Webinar on Diet for building Immunity and Documentation of Lusei Traditional Textiles	Home Science Dept & Research & Seminar committee and IQAC GZRSC	1 Day 29 <sup>th</sup> October 2020	National
	Webinar on Gender Issues	Research & Seminar committee and IQAC GZRSC & Womens Studies GZRSC	1 Day 30 <sup>th</sup> October 2020	National
	Celebration of National Education Day 2020	Research & Seminar committee and IQAC GZRSC	11 November 2020	National
	5 Days FDP for Teaching and Non-Teaching Staff	Research & Seminar committee and IQAC GZRSC	5 Day 5-9 April 2021	College
	Women Empowerment	IQAC, Bhai Krishanrao Deshmukh Mahavidyalaya, Chakur dist.	1 Day 23 April 2021	International
	Webinar on Revised NAAC Accreditation Framework Perceptions	GTN Arts College	4 Days 12-15 May 2021	National
	Webinar on E-Content Creation and ICT Tools for Innovative Teaching and Learning	Nehru Institute of Technology; Coimbatore	2 Days 14-15 May 2021	National
	Webinar on New Education Policy, 2020 and Management Education	Dept of Management MZU	1 Day 20 <sup>th</sup> May	MZU
	Webinar on The Evolution of the International Peace Architecture	Dept of Political Science MZU	1 Day 11 <sup>th</sup> June 2021	International
	Webinar on Living and coping with Covid-19: Psychosocial Care and Work- Life Balance	MCTA & Dept of Psychology PUC	1 Day 11 <sup>th</sup> June 2021	National
	Webinar on Improvements on livelihoods and addressing climate change through community based natural resources management: Experience from Guatemala & research opportunities for NE India.	MZU & University of Minnesota, USA	1 Day 11 <sup>th</sup> June 2021	International
	Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 <sup>th</sup> July to 4 <sup>th</sup> August 2020	College
	Webinar on Diet for	Department of Home	2 hours on	National

	Building Immunity and Documentation of Lusei Traditional Textiles	Science & Research & Seminar Committee, GZRSC	29 <sup>th</sup> Oct 2020	
	Webinar on Gender Issues	Research & Seminar Committee & Women Studies Committee, GZRSC	2 hours 30 <sup>th</sup> Oct.2020	National
	25 <sup>th</sup> School Board Meeting	MZU	4 <sup>th</sup> Nov.2020 3 hours	University
	5 Days FDP for Teaching and Non-Teaching Staff	IQAC and Research & Seminar Committee, GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April 2021	College
	26 <sup>th</sup> School Board Meeting in Life Science	MZU	29 <sup>th</sup> April 2021	University
	Webinar on Four days Online FDP on "Revised NAAC Accreditation Framework Perceptions"	G.T.N.Arts College, Tamil Nadu	May 12 - 15, 2021	National
	Webinar on "New Education Policy, 2020 and Management Education"	Department of Management, Mizoram University.	20th May, 2021	National
	Webinar on "THE SCIENCE OF LEARNING"	Deptt. of Physics, Commerce & Electronics, MZU	25th May, 2021 (Tuesday)	International
	Webinar on "Relevance of Corporate Social Responsibility"	Dept. of Management, MZU	28th May, 2021	National
	Webinar on Exploration and Development for Hydrocarbons with Special Reference to North East India	Mizoram University	3 hours 2 <sup>nd</sup> June 2021	National
	Webinar on Covid-19: Disruption of Life Process Impacting Mental Health.	Dept. Of Clinical Psychology, MZU	5 hours 3 <sup>rd</sup> June 2021	International
	Webinar on the Role of Hypothalamic Neurokinin 3 antagonism as a Novel Treatment	Mizoram University	5 hours 8 <sup>th</sup> June 2021	National
	Webinar on The Evolution of the International Peace Architecture	Deptt. Of Political Science, MZU	3 hours 11 <sup>th</sup> June 2021	International
	Webinar on Improving Livelihoods and addressing climate change through community based Natural Resources Management: Experienced from Guatemala and Research opportunities for NE India	Mizoram University in collaboration with University of Minnesota, USA	4 hours 11 <sup>th</sup> June 2021	International

		Webinar on Climate Change and Global Capital: Collapse or Transformation.	Mizoram University in collaboration with University of Manchester, UK	3 hours 16 <sup>th</sup> June 2021	International
		Webinar on Pedagogical Training for Teachers on Tools for Online Teaching Learning and Evaluation”.	School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.	1 <sup>st</sup> – 6 <sup>th</sup> July, 2020	National
		Webinar on “Positive Cognitive Behavioral Therapy.”	Department of Clinical Psychology, Mizoram University.	6 July, 2020	National
		Webinar on “Recent advances in Science: Mankind and Change,”	Govt. Serchhip College, Mizoram	6 <sup>th</sup> and 7 <sup>th</sup> July, 2020	International
		Webinar on “Mental Stress and Suicidal Tendencies of New Generation in Pandemic Situation”	Department of Education, Purbasthali College, Parulia, PurbaBardhaman, West Bengal.	12th July, 2020	National
		Webinar on FDP on E-Contents and ICT Tools for Innovative and Effective Teaching	KS Jain Institute of Engineering and Technology, Modinagar, Ghaziabad.	15 <sup>th</sup> -21 <sup>st</sup> July, 2020	National
		Webinar entitled "Health and Nutrition during Covid-19"	Department of Home Science Netaji Subhash Chandra Bose Government Girls P G College, Aliganj, Lucknow.	July 17 <sup>th</sup> 2020.	National
		Webinar on "Parenting in Uncertain Times,"	IQAC Jain School of Humanities & Social Sciences & School of Interior Design.	20 <sup>th</sup> July,2020.	National
		“5 Days Faculty Development Programme on E-Teaching.”	Research and Seminar Committee, GZRSC. Supported by IOAC, GZRSC.	30 <sup>th</sup> July -4 <sup>th</sup> August, 2020	College
		Webinar on "New Education Policy 2020"	All India Federation of University and College Teachers Organisations (AIFUCTO), India	17 <sup>th</sup> August,2020.	National
		Webinar on “Human Values and Ethics”	Govt. Serchhip College, Mizoram	20 <sup>th</sup> August, 2020.	National
		Webinar on “Challenges and Opportunities of Child Development and Family Life in Present Scenario.”	Human Development Department, Govt. M. H. College of Home Science & Science for Women, Jabalpur, M.P.	24 <sup>th</sup> August 2020.	National
		FDP on “Moodle Learning Management System”.	Govt. Zirtiri Residential Science College, IIT Bombay.	24 <sup>th</sup> -28 <sup>th</sup> August, 2020	College
		Workshop on “Challenges and	Research, Innovation & Extension Cell(IQAC),	24 <sup>th</sup> - 28 <sup>th</sup> August,	National

	Opportunities in Higher Education”	Government Aizawl College in collaboration with RUSA.	2020.	
	“One Week national Webinar on Career Counselling”	Govt. Serchhip College, Mizoram.	31st August to 4th September, 2020.	National
	Webinar on entitled "New Education Policy 2020: Challenges and Possibilities"	Directorate of Higher Education, Uttar Pradesh Organized by Veerangana Avantibai Govt. Degree College, Atrauli (Aligarh).	1 <sup>st</sup> Sept, 2020.	National
	“International webinar series, 2020 on the occasion of National Nutrition Month, 2020.”	Department of Home Science, University of Calcutta	1.9.2020 to 7.9.2020	International
	5 Day Webinar on “Science and Technology: Mitigating Current Challenges”	Department of Botany, Govt. Serchhip College. Mizoram.	7 <sup>th</sup> -11 <sup>th</sup> September, 2020	International
	Webinar on “COVID-19 and other Zoonotic diseases: Some Ecological and Ethical Issues.”	Dept of Zoology, Holy Cross College, Agartala, Tripura and Department of Zoology, Sacred Heart College Thevara, Kochi	12 <sup>th</sup> September, 2020.	International
	Webinar on “Disentangling the Relationship between Gender and Work-Family Conflict a New Paradigm for the 21st Century”	Department of English, Govt. Johnson College, Mizoram	21st of September 2020	National
	“Webinar on Gender Sensitisation”	Dept of English, Assam University Diphu Campus, Karbi Anglong, Assam.	25 <sup>th</sup> September, 2020	National
	Three-day Webinar on "The Politics of Space and Belonging."	Govt. J. Thankima College	7 <sup>th</sup> - 9th October, 2020.	International
	Webinar on “Mental health for all: Greater investment- Greater Access”	Dept of Clinical Psychology, MZU in observance of World Mental Health Day, 2020.	10 <sup>th</sup> October 2020	National
	Webinar on “Campus Mental Health: Increased Investment and Access.”	Dept of Psychology, MZU, in collaboration with MZU Students Council (MZUSC) on the occasion of World Mental Health Day	10 <sup>th</sup> October, 2020	National
	" Webinar on Diet for Building Immunity and Documentation of Lusei	Dept of Home Science & Research & Seminar Committee, GZRSC.	29 <sup>th</sup> October, 2020	National

	Traditional Textiles”			
	“ Webinar on Gender Issues”	Research and Seminar Committee and Women Studies Committee, GZRSC.	30 <sup>th</sup> October, 2020.	National
	Webinar on “Intellectual Property Rights”	Research and Seminar Committee and Intellectual Property Right Committee, GZRSC in collaboration with (MISTIC)	5 <sup>th</sup> November, 2020	National
	Webinar on “Celebration of National Education Day 2020”	Research and Seminar Committee, GZRSC, Supported by IQAC, GZRSC.	11 <sup>th</sup> November, 2020.	National
	“National Webinar on Bioresources and Climate Change”	Department of Zoology, Department of Electronics, Research and Seminar Committee, GZRSC	17 <sup>th</sup> Nov, 2020	National
	Webinar on “Power of Positive Thinking and Stress Management in Present Time”	Department of Human Development. Govt. M. H. College of Home Science and Science for Women, Jabalpur(M.P.)	22nd January 2021	National
	Seminar on “Guidance and Counselling towards Higher Studies Programme” at Rosebud School, Ramhlun, Aizawl.	Village and School Adoption Committee, GZRSC in collaboration with Rosebud School, Ramhlun.	23d February, 2021	College
	“National Science Day Webinar”	y Raman Centre for Science Communication & IQAC, Dr.C.V. Raman University Kota, Bilaspur	28th February 2021	National
	Webinar on “Overseas Education Career N’ Options” held on.	IMG, United Kingdom & Department of Zoology, GZRSC	2nd March, 2021	International
	Webinar on “Advances in Life science	PG Department of Biochemistry, Auxilium College (Autonomous), Vellore	20 March, 2021.	International
	E-International Conference on “Queens of Era -2021”	G. S. TompeArts, Commerce & Science College, Amravati, Maharashtra.	23 <sup>rd</sup> March, 2021	International
	Webinar on “Academic Integrity in Research and Publications”	Research & Development Cell and LibraryShankar Narayan College of Arts and Commerce, Thane.	23rd March, 2021	National
	National Webinar on “Communication Skills for Effective Learning”	Dept of Home Science, S.S.M. College, Dinanagar. Swami Swatantranand Memorial College, Dinanagar, Gurdaspur, Punjab.	24 <sup>th</sup> March, 2021	National

	5 Days Faculty Development Programme for Teaching and Non-Teaching Staff	Internal Quality Assurance Cell (IQAC) and Research and Seminar Committee, GZRSC	5 <sup>th</sup> -9 <sup>th</sup> April 2021	College
	Webinar on "Women's Safety at Workplace and Management of Stress in Life"	Jointly organized by Internal Complaint Committee and IQAC Of G.S. Tompe Arts, Commerce & Science College, RajarsheeShahu Science College, Vinayak VidnyanMahavidyalaya, NandgaonKhandeshwar	12 <sup>th</sup> April, 2021	National
	"Webinar on Environmental Issues" in celebration of Earth Day.	Eco Club, GZRSC.	22 <sup>nd</sup> April, 2021	College
	Webinar on "Women Empowerment"	Women's Cell and IQAC of Bhai Kishanrao Deshmukh Mahavidyalaya, Chakur Dist. Latur	23 <sup>rd</sup> April, 2021	National
	Webinar on "Covid-19 Challenges and youth"	K.L.E. Society's S. Nijalingappa College.	8 <sup>th</sup> May, 2021	National
	Four days Online Faculty Development Program on "Revised NAAC Accreditation Framework Perceptions"	G.T.N. Arts College, Tamil Nadu.	12 <sup>th</sup> -15 <sup>th</sup> May, 2021	National
	Two Days Workshop on "E-Content Creation and ICT Tools for Innovative Teaching and Learning"	Dept of Computer Sc and Engi, Nehru Institute of Technology in association with Computer Society of India (CSI)	14 <sup>th</sup> – 15 <sup>th</sup> May, 2021	National
	Webinar on "New Education Policy, 2020 and Management Education"	Department of Management, Mizoram University.	20 <sup>th</sup> May, 2021	National
	Webinar on "Drug abuse in Youth: A Major Social Problem and Solutions"	Jai Narain Vyas University, Jodhpur.	31 <sup>st</sup> May, 2021	National
	Webinar on "COVID 19: Disruption of Life Process Impacting Mental Health."	Department of clinical psychology, Mizoram University.	3 <sup>rd</sup> June 2021	International
	Webinar on "Ecosystem Restoration – Reimagine, Recreate and Restore"	Dept. of Zoology in collaboration with Research and Seminar Committee, GZRSC.	5 <sup>th</sup> June 2021	International
	Webinar on "Improving Livelihood and addressing Climate Change through Community Based Natural Resources	Mizoram University in collaboration with University of Minnesota, USA	11 <sup>th</sup> June, 2021	International

		Management: Experience from Guatemala & Research Opportunities for NE India”			
		Webinar on “Advances in Processing of Fermented Dairy Products”	Department of Food Technology, Lady Irwin College, University of Delhi	24 <sup>th</sup> June, 2021	International
		Webinar on “Healthcare Industry-The New Reality of the New Normal” Career prospects of Home Science Graduates in Healthcare Management.”	Institute of Healthcare Management Research, South Campus, IIHMR Group and Institute of Home Science, Dr. Bhimrao Ambedkar University, Agra.	25 <sup>th</sup> June, 2021	National
		Two-Day Online FDP on “Value Enrichment of Online Teaching and Learning.”	A J Institute of Management, Mangalore.	29 <sup>th</sup> &30 <sup>th</sup> June, 2021	National
		Positive Cognitive Behavioral Therapy	Dept of Psychology and Dept of Clinical Psychology, Mizoram University.	6th July 2020	National
		International on ‘Positive Supervision’		7th July 2020	National
		Cyberbullying: 1. Relationship between Perpetration and Victimization and 2. Covid stress and Coping: Towards Resilience	Department of Psychology, Mizoram University	30th July 2020	National
		Webinar on Human Values and Ethics	Govt. Serchhip, Mizoram.	20th August, 2020	State
		5) Faculty Development Programme. Moodle Learning Management System	GZRSC and IIT Mumbai	on 24-28 august, 2020	National
		One Week Workshop on Challenges and Opportunities in Higher Education	Research, Innovation, and Extension Cell (IQAC), Govt. Aizawl College.	On 24-28th August, 2020.	National
		Recent Trends in International Relations: From A Global South Perspective	Research and Extension Cell, Govt. Johnson College, Aizawl.	5th September, 2020	National
		Disentangling the Relationship between Gender and Work-Family Conflict: A New Paradigm for the 21st Century	Department of English, Govt. Johnson College, Mizoram.	21 September 2020	National



	Campus Mental Health: Increased Investment and Access	Department of Psychology, in Colloboration with MZUSU	10th October 2020	National
	Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Department of Home Science and Research and Seminar Committee, GZRSC.	29th October 2020	National
	Webinar on Gender Issues	Research and Seminar Committee and Women Studies.	30th October 2020	National
	National webinar on Intellectual Property Rights	GZRSC and Mizoram Science and Technology & Innovative Council (MISTIC)	5th November 2020	National
	Participate in the Webinar on Celebration Of National Educational Day		November, 2020	
	Webinar on Gender Issues in Society: 'Myth and Realities'	Department of Sociology, Govt. Girls P.G College, Ratlam (MP)	25th January 2021	National
	One-Day Webinar on "Effect of Pandemic on Enviroment and its Impact on Climate Change"	Department of chemistry and Zoology, Sankardev college, Shillong, Meghalaya.	29th January, 2021	International
	Communication Skills for Effective Learning	Swami Swatanand Memorial College, Mumbai, Kolkota, New Delhi.	24th March 2021	National
	"E-Content Creation Creation and ICT Tools for Innovation Teaching and Learning"	Department of Computer Sc and Engineering, Nehru Institute of Technology in association with Computer Society of India (CSI)	14 <sup>th</sup> – 15 <sup>th</sup> May, 2021	National
	18) "COVID-19: Disruption of Life Process Impacting Mental Health"	Senior Prof.M.V.K. Raju, Director, Centre for Psychological Assessment and Counselling, President, Indian Academy of Applied Psychology	3 <sup>rd</sup> June, 2021	International
	19) "New Education Policy, 2020 and Management Education"	Department of Management, Mizoram University	20 <sup>th</sup> May, 2021	National
	20) "REVISED NAAC ACCREDITATION FRAMEWORK PERCEPTIONS"	G.T.N Arts College	12 <sup>th</sup> – 15 <sup>th</sup> May, 2021	National
	21) "Understanding	Mizoram University in	14 <sup>th</sup> June,	International



		Changes in Indigenous Farming Systems and Livelihood: Experiences from East Asia and Sub Saharan Africa”	collaboration with University of Minnesota, USA	2021	
		1) 5 Days FDP on E-Teaching	Research and Seminar Committee, GZRSC	30 <sup>th</sup> July to 4 <sup>th</sup> August 2020	College
		2) Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Department of Home Science & Research & Seminar Committee, GZRSC	2 hours on 29 <sup>th</sup> Oct 2020	National
		3) Webinar on Gender Issues	Research & Seminar Committee & Women Studies Committee, GZRSC	2 hours 30 <sup>th</sup> Oct.2020	National
		4) Webinar on Intellectual Property Rights	Intellectual Property Right Committee & Research & Seminar Committee, GZRSC	2 hours on 5 <sup>th</sup> November 2020	National
		5) Webinar on Bio-resources and Climate Change	Deptt. of Zoology, Deptt. of Electronics and Research & Seminar Committee, GZRSC	2 hours 17 <sup>th</sup> November..2020	National
		6). Effect of Pandemic on the Environment and Its impact on Climate Change	Sankardev College, Shillong, Meghalaya	29 <sup>th</sup> January 2021 One Day	International
		7). 5 Days FDP for Teaching and Non-Teaching Staff	IQAC and Research & Seminar Committee, GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April 2021	College
		8). Four days National Level Online FDP on "Revised NAAC Accreditation Framework Perceptions"	G.T.N.Arts College, Tamil Nadu	May 12 - 15, 2021	National
		9). Two Days National Level Workshop on “E-Content Creation and ICT Tools for Innovative Teaching and Learning”	Department of Computer Sc and Engineering, Nehru Institute of Technology in association with Computer Society of India (CSI)	May 14 - 15, 2021	National
		10). webinar on “New Education Policy, 2020 and Management Education”	Department of Management, Mizoram University.	20th May, 2021	National
		11). Webinar on “THE SCIENCE OF LEARNING”	Deptt. of Physics, Commerce & Electronics, MZU	25th May, 2021 (Tuesday)	International
		12). Webinar on “Relevance of Corporate Social Responsibility”	Deptt. of Management, MZU	28th May, 2021	National
		13). Webinar on Exploration and	Mizoram University	3 hours 2 <sup>nd</sup> June 2021	National Level

		Development for Hydrocarbons with Special Reference to North East India			
		14). Webinar on Covid-19: Disruption of Life Process Impacting Mental Health.	Deptt. Of Clinical Psychology, MZU	5 hours 3 <sup>rd</sup> June 2021	International Level
		15). Webinar on the Role of Hypothalamic Neurokinin 3 antagonism as a Novel Treatment	Mizoram University	5 hours 8 <sup>th</sup> June 2021	National Level
		16). Webinar on The Evolution of the International Peace Architecture	Dept. Of Political Science, MZU	3 hours 11 <sup>th</sup> June 2021	International Level
		1) Human values and Ethics	Govt.Serchhip College	20thAug,2020	State
		2) Challenges and opportunities in Higher Education	Research, Innovation and Extension Cell ( IQAC )Govt.Aizawl College	24 <sup>th</sup> -28 <sup>th</sup> Aug,2020	National
		3) FDP- Moodle Learning System	GZRSC with course material provided by spoken tutorial project , IIT Bombay	24 <sup>th</sup> - 28 <sup>th</sup> ,Aug,2020	National
		4) Recent Trends in International Relations: From a Global South Perspective	Govt. Johnson College, Aizawl	5 <sup>th</sup> ,Sept,2020	International
		5) Science and Technology: Mitigating Current Challenges	Dept Of Botany, Govt Serchhip College, Serchhip	7 <sup>th</sup> -11 <sup>th</sup> Sept,2020	International
		6)National Webinar on Gender Issues	Research and Seminar Commt and Women Studies Commt ,GZRSC	30thOct,2020	National
		7)Intellectual Property Rights	Research and Seminar and Intellectual Property Right Commt.GZRSC	5 <sup>th</sup> ,Nov,2020	National
		8) Bioresource and Climate Change	Dept of Zoology , Electronics , Research and Seminar Commt . GZRSC	17 <sup>th</sup> , Nov,2020	National
		9) Effect of Pandemic on the Environment and its Impact on Climate Change	Dept of Chemistry and Zoology , Sankardev College , Shillong, Meghalaya	29 <sup>th</sup> ,Jan,2021	International
		10) Overseas Education Career N' Options	IMG, UK & Dept of Zoology ,GZRSC	2 <sup>nd</sup> ,March,2021	International
		11) 5days FDP for Teaching and Non-Teaching Staff	IQAC and Research & Seminar Commt.GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> ,April,2021	State
		12) Women Empowerment	Women Cell & International quality Assurance Cell Kishanrao Desmukh	23 <sup>rd</sup> ,April,2021	National

			Mahavidalaya ,Chakur Dist, Latur		
		13) FDP- Revised NAAC Accreditation Framework Perceptions	GTN Arts College, Tamilnadu	12 <sup>th</sup> -15 <sup>th</sup> ,May,2021	National
		14) The Science of Learning	MZU	25 <sup>th</sup> ,May,2021	International
		15) Covid- 19 : Disruption of Life Process Impacting Mental Health	MZU	3 <sup>rd</sup> ,JUne,2021	International
		16) Ecosystem Restoration – Reimagine ,Recreate and Restore	Dept of Zoology , GZRSC	5 <sup>th</sup> June,2021	International
		17) Indigenous Rights and Self Determination	MZU in collaboration with University of Minnesota , USA	22 <sup>nd</sup> ,June,2021	International
		18) Life Skills during Pandemic : The New Normal	Govt. Nagarjuna PG College of Science, Raipur	7 <sup>th</sup> – 13 <sup>th</sup> July ,2021	National
		19) Universal Values and Ethics	Dept of Education, MZU	19 <sup>th</sup> ,July,2021	National
		1) 5 Days FDP on E-Teaching	Research and Seminar Committee, GZRSC	30 <sup>th</sup> July-4 <sup>th</sup> August,2020	College
		2) FDP on “Moodle Learning Management system”	Govt.Zirtiri Residential Science College	24 <sup>th</sup> -28 <sup>th</sup> Aug,2020	National
		3) Workshop on “Challenges and Opportunities in Higher Education”	Research, Innovation and Extension Cell(IQAC)	24 <sup>th</sup> -28 <sup>th</sup> Aug,2020	
		4) Biotechnology for Human Welfare	IQAC and Dept .of Bot. Netaji Subashchandra Science College,Mulchera	28 <sup>th</sup> Aug,2020	National
		5) Cross -Cultural Translation	Dept.of Eng ,Govt.J. ThankimaColleg	3 <sup>rd</sup> Oct,2020	National
		6) ‘Mental health for all: Greater investment- Greater access’	Dept. of Clinical Psychology, MZU	10 <sup>th</sup> Oct,2020	National
		7) Diet for Building Immunity and Documentation of Lushai Traditional Textiles	Dept of Home Science and Research and Seminar Committee	29 <sup>th</sup> Oct,2020	National
		8) Webinar on Gender Issues	Research and Seminar Committee and Women Studies Committee.GZRSC	30 <sup>th</sup> Oct,2020	National
		9) Webinar on Intellectual Property Rights	Research and Seminar Committee, GZRSC in collaboration with Mizoram Science and Innovation Council (MISTIC)	5 <sup>th</sup> Nov,2020	National
		10) Celebration of	Research and Seminar	11 <sup>th</sup>	National

	National Education Day 2020	Committee, GZRSC. Supported by IQAC, GZRSC	Nov,2020	
	11) Bioresources and Climate Change	Dept of Zoology.Dept of Electronics.Research and Seminar Committee.GZRSC	17 <sup>TH</sup> Nov,2020	National
	12) The Science of Learning	MZU	25 <sup>th</sup> May 2021	International
	13)“COVID19:Disruption of Life Process Impacting Mental Health”	MZU	3 <sup>rd</sup> June,2021	International
	1) 5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 <sup>th</sup> July – 4 <sup>th</sup> August 2020	College
	2)One Day webinar on Human Values And Ethics	Gov't Serchhip College	20 <sup>th</sup> Aug 2020	State
	3) FDP on Moodle Learning Management system	GZRSC	24 <sup>th</sup> -28 <sup>th</sup> August 2020	College
	4) International Webinar Series on the occasion of National Nutrition Month	Dept of Home Science, Univ of Calcutta	1 <sup>st</sup> -7 <sup>th</sup> Sept 2020	international
	5) Campus mental health: increased investment and access	MZU	10 <sup>th</sup> October 2020	University
	6) Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Department of Home Science, GZRSC	29 <sup>th</sup> October, 2020	national
	7) Gender Issues	GZRSC	30 <sup>th</sup> October,2020	national
	8) Intellectual Property Right	Research and Seminar Committee, GZRSC	5 <sup>th</sup> November 2020	national
	9) Recent Trends and Advances in Food Processing	MZU	11 <sup>th</sup> November 2020	national
	10) Bioresources and Climate Change	GZRSC	17 <sup>th</sup> November 2020	college
	11) Women Empowerment	BKDM, ChakurDist, Latur	23 <sup>rd</sup> April 2021	national
	12) Revised NAAC accreditation Framework Perception	GTN Arts College, Tamil Nadu	12 <sup>th</sup> -15 <sup>th</sup> May 2021	National

	13) E-content Creation and ICT tools for Innovative Teaching and Learning	Nehru Institute of Technology, Coimbatore	14 <sup>th</sup> -15 <sup>th</sup> May 2021	National
	14) New Education Policy, 2020 and management Education	MZU	20 <sup>th</sup> May 2021	state
	15) Covid 19: Disruption of Life Process Impacting Mental Health	MZU	3 <sup>rd</sup> June 2021	international
	16) Improving Livelihood and addressing Climate Change through Community Based Natural Resources management	MZU with Univ of Minnesota	11 <sup>th</sup> June 2021	international
	17) Effective use of E-resources	Yeshwantrao Chavan College	12 <sup>th</sup> August 2021	national
	1) Online Refresher Course on Research Methodology	HRDC, MZU	7-20 <sup>th</sup> July, 2020	National
	2) Natural disaster with Special Emphasis to Earthquake and its implications.	IQAC, Govt. Champhai College	20 <sup>th</sup> – 24 <sup>th</sup> July, 2020	International
	3) FDP on Moodle Learning management System	GZRSC with IIT Bombay	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020	National
	4) Environment V/S Economic Development	Dept. of Environmental Engineering, Sri Jayachamarajendra College of Engineering	25 <sup>th</sup> August, 2020	National
	5) Career Counselling.	Govt. Serchhip College	31 <sup>st</sup> Aug – 4 <sup>th</sup> Sep, 2020	International
	6) National Nutrition Month, 2020	Dept. of Home Science, University of Calcutta	1 <sup>st</sup> – 7 <sup>th</sup> Sept, 2020	National
	7) Recent Trends in International Relations: From a Global South Perspective	Research & Extension Cell, Govt. Johnson College	5 <sup>th</sup> Sept, 2020	International
	8) Science and Technology: Mitigating current challenges	Dept. of Botany, Govt. Serchhip College	7 <sup>th</sup> – 11 <sup>th</sup> Sept, 2020	National
	9) Webinar on Integrating Energy, Climate Change and Development	Department of Management, Mizoram University	8 <sup>th</sup> Sept, 2020	National

	10) Cross-Cultural Translation	Dept. of English, Govt. J. Thankima College	3 <sup>rd</sup> Oct, 2020	National
	11) The Politics of Space and belonging	Govt. J. Thankima College	7 <sup>th</sup> -9 <sup>th</sup> Oct, 2020	National
	12) Mental health for all: Greater investment – Greater access	Dept. of Clinical Psychology, MZU	10 <sup>th</sup> Oct, 2020	National
	13) Diet for Building Immunity and Documentation of Lusei Traditional Textiles	Dept. of Home Science and Research & Seminar Comtt., GZRSC	29 <sup>th</sup> Oct, 2020	National
	14) Gender Issues	Research & Seminar Comtt. And Women Studies Comtt., GZRSC	30 <sup>th</sup> Oct, 2020	National
	15) National Webinar on Intellectual Property Rights	GZRSC and Mizoram Science Technology & Innovation Council (MISTIC)	5 <sup>th</sup> Nov, 2020	National
	16) Recent Trends and Advances in Food Processing	Mizoram University	11 <sup>th</sup> Nov, 2020	National
	17) National Webinar on Bioresources and Climate Change	Dept. of Zoology, Dept. of Electronics, Research and Seminar Committee, GZRSC	17 <sup>th</sup> Nov, 2020	National
	18) Advances in Life science	Dept. of Biochemistry, Auxilium College (Autonomous), Vellore	20 <sup>th</sup> March, 2021	International
	19) FDP for Teaching and Non-Teaching Staff	IQAC & Research Committee, GZRSC	5 <sup>th</sup> -9 <sup>th</sup> April, 2021	College
	20) Women Empowerment	Women's Cell and IQAC of BhaiKishanraoDeshmukh Mahavidyalaya, Chakur Dist. Latur	23 <sup>rd</sup> April, 2021	National
	21) Solid Waste Management	PG Deptt. Of Chemistry, KanyaMahaVidyalaya, Jalandhar	29 <sup>th</sup> April, 2021	National

	22) People's participation in environmental sustainability	Deptt. Of Environmental Studies, PGDAV College, University of Delhi, Young Social Scientist association of India	8 <sup>th</sup> May, 2021	National
	23) New Education Policy, 2020 and Management Education	Deptt. of Management, Mizoram University	20 <sup>th</sup> May, 2021	National
	24) FDP on Journey to research and beyond	Deptt. Of Civil Engineering in Dr. DY Patil School of Engineering, Lohegaon, Pune	21 <sup>st</sup> -25 <sup>th</sup> May, 2021	National
	25) The Science of Learning	Mizoram University	25 <sup>th</sup> May, 2021	National
	26) Principles of Food Safety for a Healthy Tomorrow	Department of Chemical Engineering, Food and Pharmaceutical Technology Paavai Engineering College, Tamil Nadu	7 <sup>th</sup> June, 2021	National
	27) Living and Coping with Covid-19: Psychosocial Care & Work- Life Balance	Centre for Disaster Management (MZU) in collaboration with Mizoram College Teachers Association (MCTA) & Dept of Psychology, PUC	11 <sup>th</sup> June, 2021	National
	28) Advances in Processing of Fermented Dairy Products	Department of Food Technology, Lady Irwin College, University of Delhi	24 <sup>th</sup> June 2021	National
	1) Online Refresher Course on Research Methodology : Tools & Techniques	HRDC, MZU	07 <sup>th</sup> -20 <sup>th</sup> July 2020	University
	2) Webinar on Recent advances in Science : Mankind & Change	Gov't Serchhip College	6 <sup>th</sup> -7 <sup>th</sup> July 2020	International
	3) Webinar on Assessing the Economic Fallout of the Covid-19 Pandemic	Gov't Mamit College	14 <sup>th</sup> July 2020	International
	4) Webinar on Entrepreneurship: Issues, Challenges and Opportunities	EKC, HATIM	24 <sup>th</sup> July 2020	State

	5) 5 days FDP on E-Teaching	Research & Seminar Committee, IQAC, GZRSC	20 <sup>th</sup> July-4 <sup>th</sup> August	College
	6) Webinar on Intellectual Property Rights	TIFAC, MISTIC, Gov' t of Mizoram	10 <sup>th</sup> -11 <sup>th</sup> Aug 2020	National
	7) Webinar on Understanding our Rivers of Hilly Region & its Conservation	MZU	14 <sup>th</sup> Aug 2020	MZU
	8) Webinar on Human Values and Ethics	Gov' t Serchhip College	20 <sup>th</sup> Aug 2020	College
	9) Webinar on The Relevance of Gandhi Today	MZU	21 <sup>st</sup> Aug 2020	International
	10) Webinar on Normalcy post Covid-19: Issues & Challenges	Gov' t Johnson College	22 <sup>nd</sup> Aug 2020	National
	11) Workshop on Challenges & Opportunities in Higher Education	Gov' t Aizawl College	24 <sup>th</sup> -28 <sup>th</sup> Aug 2020	National
	12) Webinar on National Education Policy 2020	MZU	26 <sup>th</sup> Aug 2020	MZU
	13) Webinar on Mechanisms of Cancer Induced Cachexia	MZU	28 <sup>th</sup> Aug 2020	MZU
	14) Webinar on Fighting Floods for Survival in South Asia	Gov' t Zawlnuam College	28 <sup>th</sup> Aug 2020	International
	15) Webinar on New Education Policy 2020	Gov' t Zawlnuam College	28 <sup>th</sup> Aug 2020	National
	16) Webinar on New Education Policy 2020	Gov' t Serchhip College	28 <sup>th</sup> Aug 2020	College
	17) FDP on Moodle Learning Management System	GZRSC & IIT Bombay	24-28 <sup>th</sup> Aug 2020	National
	18) Webinar on Career Counselling	Gov' t Serchhip College	31 <sup>st</sup> Aug-4 <sup>th</sup> Sept 2020	National
	19) Seminar on Recent Trends in International Relations: From a Global South Perspective	Gov' t Johnson College	5 <sup>th</sup> Sept 2020	International
	20) Webinar on Integrating Energy, Climate Change and Development	MZU	8 <sup>th</sup> Sept 2020	MZU
	21) Webinar on Role of NGO's in Covid-19 Crisis	Gov' t Zawlnuam College	18 <sup>th</sup> Sept 2020	National
	22) Webinar on Disentangling the Relationship between Gender & Work-Family Conflict: A New	Gov' t Johnson College	21 <sup>st</sup> Sept 2020	National



	Paradigm for the 21 <sup>st</sup> Century			
	23) Webinar on Motivation & Techniques in Research	Gov't Hnahthial College	21 <sup>st</sup> -25 <sup>th</sup> Sept 2020	National
	24) Webinar Series on National Nutrition Month	Dept of Home Sc Univ of Calcutta	1 <sup>st</sup> Sept – 7 <sup>th</sup> Sept 2020	National
	25) Webinar on New Education Policy 2020: Issues & Challenges for Higher Education in Mizoram	Gov't Hnahthial College	17 <sup>th</sup> Oct 2020	State
	26) Organised webinar on Diet for Building Immunity & Lusei Traditional Textiles	Dept of Home Sc & Research & Seminar Committee GZRSC	29 <sup>th</sup> Oct 2020	National
	Webinar on Gender Issues	Research & Seminar Committee & Women Studies Committee, GZRSC	30 <sup>th</sup> Oct 2020	National
	28) Webinar on Scientific Thought for Corona(Covid-19) Virus from Formulation Perspective	MZU	2 <sup>nd</sup> Nov 2020	MZU
	29) Webinar on Intellectual Property Rights	IPR Committee, GZRSC & MISTIC	5 <sup>th</sup> Nov 2020	National
	30) Webinar on Celebration of National Education Day 2020	IQAC, GZRSC	11 <sup>th</sup> Nov 2020	College
	31) Webinar on Recent Trends & Advances in Food Processing	MZU	11 <sup>th</sup> Nov 2020	MZU
	32) Webinar on Bioresources and Climate Change	Dept of Zoo & Electronics, GZRSC	17 <sup>th</sup> Nov 2020	National
	33) Webinar on Interstate Border Disputes in North East India	Gov't Zawlnuam College	18 <sup>th</sup> Nov 2020	National
	34) Webinar on Effect of Pandemic on the Environment & its Impact on Climate Change	Sankardev College Shillong	29 <sup>th</sup> Jan 2021	International
	35) Webinar on Advances in Life Sciences	Auxilium College, Vellore	20.03.2021	International
	36) Webinar on Environmental Issues	Eco Club, GZRSC	22 <sup>nd</sup> April 2021	State
	37) Webinar on Women Empowerment	Women's Cell & IQAC, B. Kisanrao Deshmukh Mahavidhyalaya, Chakur Dist, Latur	23 <sup>rd</sup> April 2021	National

	38)5 days FDP for Teaching & Non Teaching Staff	IQAC& Research Committee,GZRSC	5 <sup>th</sup> -9 <sup>th</sup> April 2021	College
	39)Online FDP on Revised Naac Accreditation Framework Perceptions	G.T.N Arts College	12 <sup>th</sup> -15 <sup>th</sup> May 2021	National
	40)Webinar on New Education Policy,2020	Dept of Management,MZU	20 <sup>th</sup> May 2021	MZU
	41)Two days Conference on Data Sc & Information System Ecosystem '21	Dept of Computer Sc,MKU	4 <sup>th</sup> -5 <sup>th</sup> June 2021	International
	42)Webinar on Ecosystem Restoration-Reimagine ,Recreate and Restore	Dept of Zoo & Research Committee, GZRSC	5 <sup>th</sup> June 2021	International
	43)Webinar on The Role of Hypothalamic Neurokinin 3 antagonism as a Novel Treatment for Menopausal hot flushes	MZU	8 <sup>th</sup> June 2021	MZU
	44)Webinar on Ushering Rural Prosperity Amidst Uncertainty	MZU	9 <sup>th</sup> June 2021	MZU
	45)Webinar on Living &Coping with Covid-19: Psychosocial Care & Work-Life Balance	Disaster Mangement (MZU MCTA, Dept of Psychology PUC	11 <sup>th</sup> June 2021	National
	46)Webinar on Understanding Changes in Indigenous Farming Systems & Livelihood: Experiences from East Asia & Sub Saharan Africa	MZU& Univ of Minnesota USA	14 <sup>th</sup> June 2021	International
	47)Webinar on Planning & Implementing Epidemiological Studies in India	MZU	25 <sup>th</sup> June 2021	MZU
	1) 3 Days International Webinar on 'The Politics of Space and belonging'	Govt. J. Thankima College	7 <sup>th</sup> – 9 <sup>th</sup> October, 2020	International
	2) National Webinar on 'Diet for Building Immunity and Documentation of Lusei Traditional Textiles'	Department of Home Science and Research and Seminar Committee, Govt. Zirtiri Residential Science College	29 <sup>th</sup> October, 2020	National
	3) National webinar on 'Gender Issues'	Research and Seminar Committee and Women studies Committee, Govt. Zirtiri Residential Science College	30 <sup>th</sup> October, 2020	National
	4) Webinar on 'Celebration of National Education Day 2020'	Research and Seminar Committee, GZRSC	11 <sup>th</sup> November, 2020	State

	5) International Webinar on Advances in Life Science on 20.03.21	PG Department of Biochemistry, Auxilium College, Vellore	20.03.21	International
	6) Five Days FDP on “E-Teaching”	Research and Seminar Committee, GZRSC.	30 <sup>st</sup> July – 4 <sup>th</sup> August, 2020	College
	7) Five Days FDP on “Moodle Learning Management System”	GZRSC and Spoken Tutorial Project, IIT, Bombay.	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020.	National
	8) 5 Days FDP for Teaching and Non-Teaching Staff	IQAC and Research and Seminar Committee, GZRSC	5 <sup>th</sup> – 9 <sup>th</sup> April, 2021	College
	9) Webinar on Women Empowerment	Women ‘s cell and Internal Quality Assurance Cell of BKDM, Maharashtra	23 <sup>rd</sup> April, 2021	National
	10) Seminar on ‘People’s Participation in Environmental Sustainability’	Department of Environmental Studies, P.G.D.A.V College, University of Delhi & Young Social Scientists Association of India	8.5.2021	International
	11) FDP on ‘Lab on Chip and Lab on Paper’	Department of Zoology, Sri G.V.G Visalakshi College for Women, Tamilnadu	10 <sup>th</sup> – 11 <sup>th</sup> .5.2021	National
	12) National Conference on ‘Emerging Trends of Life Science in view of Current Pandemic Situation’	Department of Life Sciences, Kamla Nehru Mahavidyalaya, Nagpur	15.5.2021	National
	13) Webinar on ‘Brightening the Pathway’	Pavanatma College, Murickassery	19.5.2021	International
	14) Covid 19: Disruption of Life process Impacting Mental Health	Mizoram University	3.6.2021	International
	15) Principles of Food Safety for a Healthy Tomorrow	Department of Chemical Engineering, Food and Pharmaceutical Technology, Pavaai Engineering College, Tamil Nadu	7.6.2021	National
	16) Faculty Development Programme on ‘Outcome Based Education and Accreditation Processes’	Department of Computer Science and Engineering of Nehru Institute of Engineering Technology and Nehru Institute of Technology, Coimbatore, Tamil nadu	17 <sup>th</sup> – 19 <sup>th</sup> .6.2021	National
	17) Advances in Processing of Fermented Dairy Products	Department of Food Technology, Lady Irwin College, University of Delhi	24.6.2021	International

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

Sl. No	Topic	Funded by	Collaborations
1	Organized Webinar on Diet for building Immunity and Lusei Traditional Textiles	Research & Seminar Committee, GZRSC	Dept of Home Science, GZRSC

**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:**

**Ms Lalsangliani Khawhring :**(1) Moderation Board, UG Studies in Home Science, MZU  
(2) Member, Board of Studies Home Science, MZU

**Ms Lalsangkimi Hmar :**(1) Moderation Board, UG Studies in Home Science, MZU  
(2) Member, Board of Studies Home Science, MZU

**Ms Lalhminliani Hlondo:** (1) Moderation Board, UG Studies in Home Science, MZU  
(2) Member, Board of Studies Home Science, MZU

**Mr C. Lalramdina:** Member, Board of Studies Home Science. MZU

**Ms Lalrammawii:** Member, Board of Studies Home Science, MZU

**Ms Lalthanpuui Ralte:** Member, Board of Studies Home Science, MZU

**Ms. Maria Lalhmingmawii:** Member, Board of Studies Food Technology, MZU

**b) State:**

**Ms Lalrammawii: Member:** State level Co-ordination committee on Mid-day meal programme

**MS Lalhmingliani Hlondo:** Advisor, Mizoram Home Science Association

**Ms. Maria Lalhmingmawii:** member, Human Nutrition & Dietetic Association of Mizoram

**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	Mizo Food Practices and Culture	23.3.2021	Indian Food Anthropology Vol-II	ISBN-978-81-89128-95-1

**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:**

**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):**One of our Teaching staff Ms Lalhmingliani Hlondo is currently pursuing her doctoral studies in MZU.

**I ANNUAL DEPARTMENT REPORT FOR MATHEMATICS DEPARTMENT****1. Name of department:** MATHEMATICS**2. Year of establishment:** 2020**3. a) Name of the Head of Department:** LEISHANGTHEM BUDHA SINGH**b) Phone No (Official):** 9862373643**c) Email:** [lbudhasingh@gmail.com](mailto:lbudhasingh@gmail.com)**4. Brief Introduction of the Department (maximum 200 words):**

Mathematics Department in Government Zirtiri Residential Science College, Aizawl was established in 2000 with a view to cater to the needs for undergraduate level of Mathematics in Mizoram. Since Mathematics is the backbone of Science, a student with strong background in Mathematics has wide opportunities for higher studies in any field of Science. There are currently two associate professors and three assistant professors in our department. The aims of teaching and learning mathematics are to encourage and enable skills and attitudes necessary to pursue further studies in Mathematics.

**5. Teaching Faculties in the department:**

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience
1	Leishangthem Budha Singh	Associate Professor	M. Sc., B. Ed., M. Phil.	Magneto Hydro Dynamics & Plasma Physics.	24 years
2	Parijat Kumar	Associate Professor	M. Sc., B. Ed.	Real Analysis & Algebra.	24 years
3	Dr. R. Lalawmpui	Assistant Professor	M.Sc., M. Phil., Ph. D.	Mathematical Modelling.	14 years
4	David Rosangliana	Assistant Professor	M. Sc.	Data Analysis.	13 years
5	Laltlanhlui	Assistant Professor	M. Sc.	Differential Geometry and Optimization Techniques.	1 year

**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
<b>Professor</b>	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
<b>Associate Professor</b>	1	1	Nil	Nil	Nil	Nil	1	1
<b>Assistant Professor</b>	1	1	Nil	Nil	Nil	1	1	2
<b>Lab Assistant</b>	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
<b>Lab Attendant</b>	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

**7. Details of the Courses conducted by the department:**

SEMESTER	COURSE/ PAPER NO.	PAPER NAME	CREDIT POINT
I Semester	MATH/I/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
	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/354b	Probability Theory	6
	MATH/6/CC/361	Modern Algebra	6
	MATH/6/CC/362	Advance Calculus	6
	MATH/6/CC/363	Mechanics	6
	MATH/6/CC/364C	Computer Programming in C (Theory)	4
	MATH/6/CC/364CP	Computer Programming in C (Practical)	2

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

### 8. Students Particulars:

Sl. No	Semester	Applications received 2020-21	Selected 2020-21	Enrolled		Pass percentage
				M	F	
1	I Semester	130	109	76	33	95.41
2	II Semester	103	103	70	33	99.02
3	III Semester	67	67	49	18	97.01
4	IV Semester	67	67	49	18	100
5	V Semester	31	31	20	11	100
6	VI Semester	31	31	20	11	96.77

9. Student - Teacher Ratio:40 : 1

10. Annual Average Attendance Percentage of the Student: 92

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	Whether College/ University/State/ Regional/National /International
		5 Days Faculty Development Programme on E-Teaching.	Research and Seminar Committee, GZRSC & IQAC, GZRSC.	30 <sup>th</sup> . July – 4 <sup>th</sup> . August, 2020.	State
		Celebration of National Education Day 2020	Research and Seminar Committee, GZRSC & IQAC, GZRSC.	11 <sup>th</sup> . November 2020	College
		Celebration of National Science Day. Them – Future of STI :	MISTIC, GZRSC, National Council for Science & Technology	28 <sup>th</sup> . February, 2021.	National

	Impacts on Education, Skills and Work. (As a resource person)	Communication, DST, Govt. of India, New Delhi.		
	Webinar on Overseas Education Career N	IMG, United Kingdom & Department of Zoology, GZRSC.	2 <sup>nd</sup> . March, 2021.	International
	Research Methodology and Formulation of Project Proposal.	Department of Statistics, Kumbi College, Kumbi.	26 <sup>th</sup> . March 2021.	National
	5 Days Faculty Development Programme for Teaching and Non Teaching Staff.	IQAC & Research and Seminar Committee, GZRSC.	5 <sup>th</sup> . – 9 <sup>th</sup> . April, 2021	College
	Quantitative Aptitude & Reasoning Skills.	Department of Mathematics, Arasu Engineering College, Kumbakonam. Tamil Nadu.	30. 04. 2021	National
	Research Methodology for Social Sciences.	Indian Institute of Management & Commerce.	17 <sup>th</sup> ., 18 <sup>th</sup> ., & 19 <sup>th</sup> . May, 2021.	National
	Financial Empowerment Through Financial Awareness	UCET, Bikaner & MITRC, Alwar in collaboration with Association of Mutual Funds in India.	18 <sup>th</sup> . May 2021.	National
	Changing Consumerism & Role of Digital Marketing (A Post Covid Perspective)	Department Of Management Studies, Nandha Engineering College (Autonomous), Eroda.	20 <sup>th</sup> . May, 2021	National
	Community Samwad on Covid-19 Pandemic	UCET, Bikaner & MITRC, Alwar in Association with AIIMS Rishikesh, ICAR-CIAE, Bhopal.	23 <sup>th</sup> . May, 2021.	National
	Tricks & Trades	Institute of Gems & Jewellery.	27 <sup>th</sup> . May, 2021	National
	Ways & Means of Research In Social Sciences.	IQAC & Faculty of Social Sciences, Dinanagar, Punjab.	28 <sup>th</sup> . May, 2021.	National
	Financial Empowerment: A Key to Financial Well Being.	Liberal College, Imphal in Association with Mutual Funds In India.	7 <sup>th</sup> . June 2021.	National
	National Webinar on "Gender Issues"	GZRSC	30/10/2020	National
	Celebration of National Education Day	Research and Seminar Committee, GZRSC & IQAC, GZRSC.	11/11/2020	College
	5 Days Faculty Development Programme for Teaching and Non Teaching Staff.	IQAC & Research and Seminar Committee, GZRSC.	5 <sup>th</sup> . – 9 <sup>th</sup> . April, 2021	College



3.	Dr. R. Lalawmpui	One Week Online Faculty Development Programme on LaTeX	Department of Information Technology, Mizoram University & IIT Bombay	29th June, 2020 to 3rd July, 2020	FDP
		Investigation of Potential New Treatments for Diabetes, Cancer and COVID-19	Department of Zoology, Mizoram University	6 <sup>th</sup> July 2020	National
		International Webinar on Positive Supervision	Department of Clinical Psychology, Mizoram University	7 <sup>th</sup> July 2020	International
		Two Day National Webinar on Intellectual Property Rights	TIFAC & MISTIC	10 <sup>th</sup> -11 <sup>th</sup> August 2020	National
		Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College & IIT Bombay.	24 <sup>th</sup> -28 <sup>th</sup> August 2020	National
		National Webinar on Diet for building Immunity and Documentation of Lusei Traditional Textiles	Dept of Home Science & Research and Seminar Comtt, Govt. Zirtiri Residential Science	29 <sup>th</sup> October 2020	National
		National Webinar on Gender Issues	Women Studies Comtt & Research and Seminar Comtt, Govt. Zirtiri Residential	30 <sup>th</sup> October 2020	National
		National Webinar on Intellectual Property Rights	Intellectual Property Rights Comtt & Research and Seminar Comtt, Govt. Zirtiri Residential & MISTIC	5 <sup>th</sup> November 2020	National
		National Webinar on Border Issues in India's North East: Special focus on Mizoram and Assam Border	Dept of History, Pachhunga University College & MS Academy	13 <sup>th</sup> November 2020	National
		One Day Webinar on National Science Day Future of STI: Impacts on Education, Skills and Work. (As a resource person).	MISTIC, GZRSC, National Council for Science & Technology Communication, DST, Govt. of India, New Delhi.	28.02.2021	Institutional
		5 Days Faculty Development Programme for Teaching and Non Teaching Staff	IQAC and Research and Seminar Committee, GZRSC	05.04.21 – 09.04.21	Institutional
		Webinar on Environmental Issues in Celebration of Earth Day	Ecoclub, GZRSC	22.04.21	State
		One day Online National Workshop on Solid Waste Management	PG Dept. of Chemistry, Kanya Maha Vidyalaya,	29.04.21	National

		Jalandhar		
	One Day International Seminar on “People’s Participation in Environmental Sustainability”	Department of Environmental Studies P.G.D.A.V. College, University of Delhi & Young Social Scientists Association of India	08.05.21	International
	International Webinar for higher education teachers on Brightening the Pathway	Alumni Association of Pavanatma College, Murickassery.	19.05.21	International
	Using Mathematical Models to Understand Epidemics	School of Life Sciences, Mizoram University, Aizawl	19.05.21	National
	National Webinar on Conservation of Plant Biodiversity	Department of Basic Sciences, Guru Nanak College	20.05.21	National
	Five Day Faculty Development Program on Journey to Research and Beyond	Department of Civil Engineering in Dr DY Patil School of Engineering, Lohegaon, Pune	21.05.21 to 25.05.21	FDP
	National Webinar on “Importance of Biological Diversity”	“Prakruthi-The Environmental Club of LBRCE”.	22.05.21	National
	Webinar on occasion of International Day for Biological Diversity,	ENVIS Resource Partners Wildlife Institute of India (WII), Dehradun and World Wide Fund for Nature-India (WWF), New Delhi	22.05.21	International
	Webinar on Research and Publication Ethics	Research Promotion Cell and IQAC, Pavanatma College, Murickassery, Idukki, Kerala-685604	22.05.21	National
	Webinar in “International day for Biological Diversity-National Conference 2021”	EcoR Foundation in Collaboration with Stlles	23.05.21	International

			& SSV College.		
		National Webinar cum Awareness Programme in commemoration of “WORLD ENVIRONMENT DAY”	Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi	04.06.21	National
		Webinar on Ushering Rural Prosperity Amidst uncertainty	Mizoram University	09.06.21	National
		Webinar on Living and Coping with Covid-19: Psychosocial Care & Work-Life Balance	Mizoram University	11.06.21	National
		International Webinar on Improving Livelihoods and addressing Climate Change through Community Based Natural Resources Management: Experience from Guatemala & Research Opportunities for N.E. India	Mizoram University in collaboration with University of Minnesota, USA	11.06.21	International
		International Webinar on Understanding Changes in Indigenous Farming Systems and Livelihoods: Experiences from East Asia & Sub Saharan Africa	Mizoram University in collaboration with University of Minnesota, USA	14.06.21	International
		International Webinar on Indigenous Rights and Self-determination: The time is now for full support of UNDRIP	Mizoram University in collaboration with University of Minnesota, USA	22.06.21	International
		One Week Online Faculty Development Programme on LaTeX	Department of Information Technology, Mizoram University & IIT Bombay	29th June, 2020 to 3rd July, 2020	International
		Recent Advances in Science: Mankind and Change	Govt. Serchhip College	6 <sup>th</sup> & 7 <sup>th</sup> July, 2020	International
		Sustainability Post Covid-19	SDG Cell, Planning & Program Implementation Dept. Govt. of Mizoram	27 <sup>th</sup> to 31 <sup>st</sup> July, 2020	International
		Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College & IIT Bombay.	2020-08-24 to 2020-08-28	National
		One Week National workshop on Challenges and Opportunities in Higher	Research, Innovation & Extension Cell (IQAC), Govt. Aizawl	24-28.8.2020 Presented on 28.8.2020	National

		Education . (Presenting paper on 28.08.2020)	College in collaboration with RUSA		
		One-Day Webinar on National Education Policy 2020 for NSS Program Officers and Volunteers in Mizoram.	National Service Scheme, Mizoram.	19.9.2020	State
		Models and modeling perspective, an option to improve the mathematical training of individuals in this unprecedented time in Mexico and in the world	Dept. of Mathematics & Computer Science, Mizoram University	4.11.2020	International
		Celebration of National Education day 2020	Research & Seminar Committee & IQAC, GZRSC	11.11.2020	Institutional
		Celebration of National Science Day. Them – Future of STI : Impacts on Education, Skills and Work (As a resource person).	MISTIC, GZRSC, National Council for Science & Technology Communication, DST, Govt. of India, New Delhi.	28.2.2021	National
		Faculty Development Programme for Teaching and Non Teaching Staff	IQAC & Research and Seminar Committee, GZRSC	5 <sup>th</sup> to 9 <sup>th</sup> April, 2021	Institutional
		GZRSC MIS release cum training program	IQAC, GZRSC	31 <sup>st</sup> May, 2021	Institutional
		Covid 19: Disruption of Life Process Impacting Mental Health	Mizoram University	3.6.2021	International
		International Webinar on Economic Restoration – Reimagine, Recreate & Restore	Dept. of Zoology in collaboration with Research & Seminar Committee GZRSC	11.6.2021	International
		Living and coping with Covid-19: Psychosocial care and Worklife-Balance	Centre for Disaster Management, Mizoram University in collaboration with Mizoram College Teachers Association, MCTA & Dept. of Psychology, Pachhunga University College.	11.6.2021	National
		Livelihoods and indigenous issues	Mizoram University and University of Minnesota	22/6/21	International
		Ethics in research	Govt. Aizawl West College	25/6/21	State

**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:**

**Leishangthem Budha Singh:** Moderation Board, UG, Mathematics, MZU.

**Parijat Kumar:** Moderation Board, UG, Mathematics, MZU.

**Dr. R. Lalawmpui:** Board of Studies (BOS), Mathematics, 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:** 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:** 1497 (College Library) + 30 (Department Library) = 1527.

**b. Journals:**

**c. E-Books and E Journals:**

**d. Any other:**

**24. Any other relevant information (reports):** One of our Assistant Professor David Rosangliana has participated in

- (i) General Election to Local Councils, 2020 as Returning Officer in Vaivakawn.
- (ii) Covid-19 Executive duty as Team Leader in Chawlhmun Locality.
- (iii) Covid-19 duty as Officer in charge of Quarantine Facility in R. Dengthuama Annexe Building.
- (iv) Aizawl Municipal Corporation Election 2021 as Presiding Officer in Bethlehem.

**J ANNUAL DEPARTMENT REPORT FOR PHYSICS DEPARTMENT**

1. Name of department: **PHYSICS**  
 2. Year of establishment: **2000**  
 3. a) Name of the Head of Department: **DR. ARUP KUMAR**  
 b) Phone No (Official): **9862373681/ 7005858362**  
 c) Email: [\*\*arupk08@gmail.com\*\*](mailto: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 the 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 exceeds 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	Asso. Professor	M.Sc., Ph.D.	Astrophysics	31
2	Mr. M. I. Singh	Asso. Professor	M.Sc.	Electronics	30
3	Dr. Rosangliana	Asso. Professor	M.Sc., Ph.D.	Atomic physics	24
4	Dr. LZ Chhangte	Asso. Professor	M.Sc., Ph.D.	Solid State Physics	22
5	Mr. Remlalsiama	Asso. Professor	M.Sc.	Nuclear physics	22
6	Dr. H. Lalremruata	Asst. Prof. (Contract)	M.Sc., Ph.D.	Nuclear physics	2

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

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

**7. Details of the Courses conducted by the department:**

Semester	Course No.	Name of Paper	Credit
	PHY/I/EC/01	Properties of Matter, Oscillation and Acoustics	4
	PHY/I/EC/02	Laboratory - I	2
	PHY/II/EC/03	Thermodynamics & Mathematical Physics - I	4
	PHY/II/EC/04	Laboratory-II	2
	PHY/III/EC/05	Electromagnetism & Optics	4
	PHY/III/EC/06	Laboratory - III	2
	PHY/IV/EC/07	Atomic, Nuclear Physics - I and Solid State Physics - I	4
	PHY/IV/EC/08	Laboratory - IV	2
	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	3
	PHY/V/CC/13	Laboratory - VI	3
	PHY/V/CC/15	Laboratory - VII	2
	EL/V/CC/14(a) EL/V/CC/14(b)	Optional I ( <i>any one</i> ) Atomic and Molecular Spectroscopy C Language and Numerical Methods	4
	PHY/V/CC/14(P)	Laboratory - VIII	2
	PHY/V/CC/16	Quantum Mechanics	4
	PHY/V/CC/17	Electromagnetic Theory	4
	PHY/V/CC/18	Thermal and Statistical Physics	4
	PHY/V/CC/19	Laboratory - IX	3
	PHY/V/CC/20	Laboratory - X	3
	PHY/V/CC/22	Laboratory - XI	2
	PHY/V/CC/21(a) PHY/V/CC/21(b)	Optional II ( <i>any one</i> ) Solid State Physics – II Electronics - II	4
	PHY/V/CC/23	Laboratory – XII/Project	2
			72

**8. Students Particulars:**

Sl. No	Semester	Applications received 2021 - 22	Selected 2021-22	Enrolled		Pass percentage
				M	F	
1	I Semester	121	54	22	20	78
2	II Semester		78			79
3	III Semester		66			66
4	IV Semester		57			72
5	V Semester		13			100
6	VI Semester		13			100

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: 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	Whether College/ University/State/ Regional/National /International
		International Conference on the Ancient Indian Knowledge system for Holistic development.	C.V. Raman Univerisity, Bilaspur, CG	3 days: January 28 – 29, 2022	International
		Faculty Development Programme on "Moodle Learning Management System".	GZRSC and Spoken Tutorial Project, IIT, Bombay.	5 Days: August 24 – 28, 2020	National
		Webinar on Innovation and Entrepreneurship by during	Sir P. T. Science College, Gujarat	3 days: April 18-20, 2020	National
		Faculty Development Programme on "E-Teaching".	Research and Seminar Committee, GZRSC.	5 Days: 30/07/2020 - 4/08/2020	College
2	MI Singh	5 days <b>Faculty Development Programme</b> for Teaching and Non-Teaching Staffs.	IQAC and Research and Seminar Committee, GZRSC.	5 Days 5 <sup>th</sup> – 9 <sup>th</sup> April, 2021	College
3	Dr. Rosangliana	Faculty Development Programme on "Moodle Learning Management System".	GZRSC and Spoken Tutorial Project, IIT, Bombay.	5 Days: August 24 – 28, 2020	National
		Webinar on "Phased Array Antennas: Space Applications and Challenges".	Dept. of Electronics & Communication Engineering, Mizoram University.	1 Day 17/07/2020	National
		Faculty Development Programme on "E-Teaching".	Research and Seminar Committee, GZRSC.	5 Days 30/07/2020 - 04/08/2020	College
		Faculty Development Programme on "Moodle Learning Management System".	GZRSC and Spoken Tutorial Project, IIT, Bombay.	5 Days 24 - 28/08/2020	National



	Webinar on "Diet for Building Immunity and Documentation of Lusei Traditional Textiles".	Dept. of Home Sc. and Research and Seminar Committee, GZRSC.	1 Day 29/10/2020	National
	Webinar on "Intellectual Property Rights".	Research & Seminar Committee and Intellectual Property Right Committee, GZRSC in collaboration with Mizoram Science Technology & Innovation Council (MISTIC)	1 Day 05/11/2020	National
	Webinar on "Celebration of National Education Day 2020".	Research & Seminar Committee, GZRSC.	1 Day 11/11/2020	National
	<b>Resource Person in One Day Webinar</b> on the topic "Future of STI: Impacts on Education, Skills and Work" as a part of Celebration of National Science Day 2021.	Mizoram Science, Technology & Innovation Council (MISTIC) and Dept. of Physics, Govt. Zirtiri Residential Science College.	1 day 28-02-2021	College
	Webinar on "Interactive Session on the Birth Anniversary of Astronaut Kalpana Chawla".	Raman Centre for Science Communication, Vikram Sarabhai Space Exhibition (VSSE) & IQAC, Dr. C.V. Raman University Kota, Bilaspur (C.G.)	1 day 17-03-2021	National
	Session Chair in 5 days <b>Faculty Development Programme</b> for Teaching and Non-Teaching Staffs.	IQAC and Research and Seminar Committee, GZRSC.	5 Days 5 <sup>th</sup> – 9 <sup>th</sup> April, 2021	College
	<b>Webinar</b> on "Ecosystem Restoration - Reimagine, Recreate and Restore" to celebrate World Environment Day.	Dept. of Zoology, GZRSC in collaboration with Research and Seminar Committee, GZRSC.	1 day 5 <sup>th</sup> June, 2021	International
	5 Days Faculty Development Programme on E-Teaching.	Govt. Zirtiri Residential Science College.	30 <sup>th</sup> – 4 <sup>th</sup> August, 2020.	Institution
	One Week National Workshop on Challenges and Opportunities in Higher Education.	Govt. Aizawl College and RUSA.	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020.	National.
	Faculty Development Programme on Moodle Learning Management System.	Govt. Zirtiri Residential Science College and IIT Bombay, ICT, MHRD, Govt. of India.	24 <sup>th</sup> – 28 <sup>th</sup> August, 2020.	National
	Celebration of National Education Day 2020.	Govt. Zirtiri Residential Science College.	11 <sup>th</sup> November, 2020.	Institution
	National Webinar on Bioresources and Climate	Govt. Zirtiri Residential Science College.	17 <sup>th</sup> November	National

	Change.		r, 2020.	
	Webinar Secularism and Democracy	Dept. of Political Science, Govt. T. Romana College	23 <sup>rd</sup> Oct 2020	National
	Webinar on Space Technology which have changed our lives and Application of Microwave	Dept of Electronics and Communication Engeneering, Mizoram University	14 <sup>th</sup> July 2020	National
	Webinar on Futuristic Hard Disk Drive: Progress and Challeges from Media Development	Dept. of Physics, Mizoram University	21 <sup>st</sup> July 2020	National
	One Week Online Faculty Development Programme on LaTeX	Dept. of Information Technology, Mizoram University under PMMMNMTT, MHRD	29 <sup>th</sup> June – 3 <sup>rd</sup> July 2020	National
	Oral Presentation on “Seasonal Variation of Indoor Radon and Thoron and their progenies concentration in Mizoram, India” in 2 <sup>nd</sup> Annual Convention of North East (India) Academy of Science and Technology & International Seminar on recent advances in science and technology	NEAST, Mizoram University	16-18 <sup>th</sup> Nov, 2020	National
	One Week Faculty Development Programme on Emerging trends in Nano-electronics (ETNE 2020)	Swami Keshvanand Institute of Technology, Mangement & Gramothan, Jaipur	21-25 <sup>th</sup> Oct 2020	National
	Webinar on Ethnicity in south Asia: Special reference to Mizo Identity, culture and literatrure	Dept. of Political Scince, Govt. T. Romana College	25-27 <sup>th</sup> Nov 2020	International
	One Day Meeting cum Workshop on All India Survey on Higher Education (AISHE)	AISHE, Mizoram	25 <sup>th</sup> March 2021	National
	Webinar on Impact of Covid 19 on teaching and learning of Physics	Kirodimal Govt. Arts and Science college, Raigarh	10 <sup>th</sup> May 2021	National
	Virtual Workshop on “Intelctual Property Rights & It’s management”	Indian Chamber of Commerce and Innovation Cell of Mizoram University	16 <sup>th</sup> July 2021	National
	Training on Preparation for NBA	Women’s Polytechnic College, Aizawl, Mizoram	5-10 <sup>th</sup> April 2021	National
	Webinar on Overseas Education Career N’ Options	IMG, United Kingdom & Dept. of Zoology, GZRSC	2 <sup>nd</sup> March 2021	International
	Faculty Development Programme on "E-Teaching".	Research and Seminar Committee, GZRSC.	5 Days: 30/07/2020 -	College

				4/08/2020	
		Faculty Development Programme on "Moodle Learning Management System".	GZRSC and Spoken Tutorial Project, IIT, Bombay.	5 Days: August 24 – 28, 2020	National
		Oral Presentation on “Radon anomaly study from soil of exploration areas within Aizawl district of Mizoram, India” in 2 <sup>nd</sup> Annual Convention of North East (India) Academy of Science and Technology & International Seminar on recent advances in science and technology	NEAST, Mizoram University	16-18 <sup>th</sup> Nov, 2020	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:** 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 2010 till date.

Dr. Lawrence Zonunmawia Chhangte: Moderation Board, UG Studies in Physics, 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) Present Executive Committee Member and Former President, Mizo Academy of Sciences (MIPOGRASS)(ii) Physics Association of North East (P.A.N.E.) Life Member since 2012

Dr. Lawrence Zonunmawia Chhangte: Life Member, Mizo Academy of Sciences (Formerly MIPOGRASS)

##### d) National committees:

Dr. Arup Kumar :(i) Indian Association of Physics Teachers (I.A.P.T.) Life Member since 1995 (ii) Indian Physical Society (I.P.S.) Life Member since 1997

Dr. Lawrence Zonunmawia Chhangte: Indian Association of Physics Teachers (I.A.P.T.) Life Member, Life Member and Executive Member, Nuclear Track Society of India, Mumbai,

##### e) International Committees:

Dr. Lawrence Zonunmawia Chhangte: Health Physics Society, 2020 – 2021

**f) Editorial Board:**

Dr. Lawrence Zonunmawia Chhangte: College YearBook 2020

**19. Details of Publications of Faculty:**

Sl. No	Name of Faculty	Title of the Paper	Date of Publication	Published by	ISSN No
1	Lawrence Z Chhangte	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	<b>ISSN: 2321-9653.</b>
2	Lawrence Z Chhangte	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	<b>ISSN: 2321-9653.</b>
3	MR. Remlalsiama	Measurement onatural Radioactivity Using NaI (TI) Detector in Soil Samples of Oil Exploration areas in Mizoram, India.	2020	Advances in Environmental Research of North East India 2020 Pages:54-62 Pachhunga University College, Aizawl.	<b>ISBN – 978-93-892-6210-0.</b>
4	Dr. H. Lalremruata	Radiofrequency power dependence of an oscillator use in an ion source	2020	Journal of Instrumentation (JINST) 16 P08024	<b>ISSN: 1748-0221</b>

**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: 5****c. E-Books and E Journals: 44****d. Any other: Nil****24. Any other relevant information(reports): One JRF to 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 : Dr. Lalzahawmi Chenkual  
     b) Phone No (Official) : 9436157533  
     c) Email : [chenkualawmi@gmail.com](mailto:chenkualawmi@gmail.com)

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

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

**5. Teaching Faculties in the department:**

Sl. No	Name	Designation	Qualification	Subject Specialization	Year of Experience	No. of Ph.D. Students guided
1	Caroline Zaihmingshanti	Associate Professor	M.Sc	Cytogenetics	30 years	
2	Dr. Lalzahawmi Chenkual	Associate Professor	M.Sc, Ph.D	Cytogenetics	28 years	
3	S. Thangrimawii	Associate Professor	M.Sc	Entomology	27 years	
4	H. Lalnunsangi	Associate Professor	M.Sc	Parasitology	26 years	
5	Lalrinmawia	Associate Professor	M.Sc, DCA	Parasitic Helminthology	24 years	
6	Sailopuii	Associate Professor	M.Sc	Entomology	21 years	

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

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

**7. Details of the Courses conducted by the department:**

SEMESTER	COURSE TITLE	PAPERS	CODE	CREDITS
<b>A: ELECTIVE COURSE</b>				
	Biosystematics and Biology of Non-Chordates: Theory		ZOO/I/EC/01	4

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

### 8. Students Particulars:

Sl. No	Semester	Applications received 2020-21	Selected 2020-21	Enrolled		Pass percentage
				M	F	
1	I Semester	122	122 (57 for Zoo Core)	39	83	92.62
2	II Semester	104	104	48	56	100
3	III Semester	103	103	46	57	97.08

4	IV Semester	99	99	45	54	100
5	V Semester	35	35	15	20	100
6	VI Semester	35	35	15	20	91.42

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

(i) Malsawmkimi (Roll No. 1807BS103) was Gold Medalist from Science Stream in Mizoram University

(ii) Lalnuntluangi (Roll No. 1807BS 071) got 3<sup>rd</sup> rank

(iii) Julie Lalhmunmawii (Roll No. 1807BS037) got 9<sup>th</sup> rank.

(iv) Unfortunately, 3 students were given “discipline due to unfair means”. Thus the pass percentage became 91.42%

9. Student - Teacher Ratio : 1:43

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

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

- Name of Department: Zoology
- 2. Name of Paper : Paper No. ZL XVI A: Practical Field visit to fish farm
- 3. Place/s of Visit : Largest Floating Fish Pond Luoyuan Bay, Fujian Province, China.,  
Fresh water Aquaculture Research and Training Centre (FARTC)  
Central Institute of Freshwater Aquaculture (CIFA). Kausalyaganga,  
Bhubaneswar, Orissa.
- 4. Date/s of Visit : 7th August 2020
- 5. Students involved : 5th semester Zoology students

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

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

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

Sl. No	Name of Faculty	Course/Title	Organised by	Durati on /Date	Whether College/ University/State/ Regional/National /International
1.	Dr. Lalzahawmi Chenkual	Webinar on World Environment Day-2021	Zoology Dept	5/6/2021	International
2.	Dr. Lalzahawmi Chenkual	Chairman: Webinar on Bioresources and Climate Change	Zoology Dept, GZRSC and MISTIC, DST	17/11/2020	National
3	Lalrinmawia	Chairman: Webinar on Overseas Education: Career N Options	Zoology Dept and IMG, Uk	2/3/2021	International
4	Lalrinmawia	Resource Person –	Zoology Dept &	26/2/2	National



		Webinar on National Science Day 2021	DST, GoM	021	
	Caroline Zaihmingthangi  Dr. Lalzahawmi Chenkual  S. Thangrimawii  H. Lalnunsangi  Lalrinmawia  Sailopuii	<b>Participants:</b> “National Level Training on Faculty Development Programme on Moodle Learning Management System	Organized by IQAC, Govt. Zirtiri Residential Science College and Spoken Tutorial IIT Project, Mumbai, India	1 Week 24-28 September, 2020	National

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

Sl. No	Name of Faculty	Course/Title	Organised by	Duration /Date	Whether College/ University/State/ Regional/National /International
		5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 July - 4Aug, 2020	College
		Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College with material provided by Spoken Tutorial Project, IIT, Bombay.	24 – 28Sept, 2020	College
		National Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles.	Department of Home science and Research and Seminar Committee, GZRSC	One day 29 Oct. 2020	National
		‘National Webinar on Gender Issues’	Govt. Zirtiri Residential Science College	One day 30 Oct, 2020	National
		National Webinar on Intellectual Property Rights	Govt.Zirtiri Residential Science College & Mizoram Science Technology & Innovative Council (MISTIC)	2 hrs 5 Nov, 2020	National
		National Education Day	Govt. Zirtiri Residential Science College	One hour 11 Nov, 2020	National



	Webinar on National Science Day	Mizoram Science, Technology & Innovation Council (MISTIC) & GZRSC	28 <sup>th</sup> Feb'21	College
	5 Days Faculty Development Programme for Teaching and Non-Teaching Staff	Internal Quality Assurance Cell (IQSC) and Research & Seminar Committee, GZRSC.	One week 5 - 9 April, 2021	College
	'Webinar on Environmental issues' in celebration of Earth Day	Eco-club, GZRSC	22 April 2021	College
	5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 July - 4 <sup>th</sup> Aug, 2020	College
	Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College with material provided by Spoken Tutorial Project, IIT, Bombay.	24 <sup>th</sup> – 28 <sup>th</sup> September, 2020	College
	National Webinar on Bioresources and climate Change.	Dept of Zoology, Dept of Electronics, Research and Seminar Committee; Govt.Zirtiri Residential Science College.	2 hours 17 <sup>th</sup> November, 2020	National
	5 Days Faculty Development Programme for Teaching and Non-Teaching Staff	Internal Quality Assurance Cell (IQSC) and Research & Seminar Committee, GZRSC.	One week During 5 <sup>th</sup> to 9 <sup>th</sup> April, 2021	College
	5 Days Faculty Development Programme on E-Teaching	Research and Seminar Committee, GZRSC	30 <sup>th</sup> July to 4 <sup>th</sup> August, 2020	College
	Faculty Development Programme on Moodle Learning Management System	Govt. Zirtiri Residential Science College with material provided by Spoken Tutorial Project, IIT, Bombay.	24 <sup>th</sup> – 28 <sup>th</sup> September, 2020	College
	National Webinar on Diet for Building Immunity and Documentation of Lusei Traditional Textiles.	Department of Home science and Research and Seminar Committee, GZRSC	One day 29 <sup>th</sup> October, 2020	National
	'National Webinar on Gender Issues'	Govt. Zirtiri Residential Science College	One day 30 <sup>th</sup> Oct, 2020	National
	National Webinar on Intellectual Property Rights	Govt.Zirtiri Residential Science College & Mizoram Science Technology &	2 hrs 5 <sup>th</sup> November, 2020	National

			Innovative Council (MISTIC)		
		National Webinar on Bioresources and climate Change.	Deptt of Zoology , Deppt of Electronics, Research and Seminar Committee; Govt.Zirtiri Residential Science College.	2 hours 17 <sup>th</sup> November, 2020	National
		International Webinar on Overseas education with Careers N' Options	IMG, UK & Deptt of Zoology, GZRSC, Mizoram	2 hours 2 <sup>nd</sup> March, 2021	International
		5 Days Faculty Development Programme for Teaching and Non Teaching Staff	Internal Quality Assurance Cell (IQSC) and Research & Seminar Committee, GZRSC.	One week During 5 <sup>th</sup> to 9 <sup>th</sup> April, 2021	College
		International webinar on Ecosystem Restoration – Reimagine, Recreate and Restore	Dept of Zoology, GZRSC in collaboration with Research and Seminar Committee, GZRSC	5 <sup>th</sup> June, 2021	International.
		5-Days Faculty Development Programme On E-Teaching	Research & Seminar Committee and IQAC, GZRSC.	5 days 30 <sup>th</sup> July – 4 <sup>th</sup> August 2020	College
		Moodle Learning Management System	GZRSC with course material provided by Spoken Tutorial Project, IIT Bombay.	5 days 24 <sup>th</sup> Sept. – 28 <sup>th</sup> Sept. 2020	State
		International Webinar on Overseas Education Career N' Options	IMG, United Kingdom & Department of Zoology Govt.Zirtiri Residential Science College , Aizawl	1 day 2 <sup>nd</sup> March 2021	International
		Faculty Development Programme for Teaching and Non Teaching Staff	IQAC and Research & Seminar Committee GZRSC.	5 days - 5 <sup>th</sup> - 9 <sup>th</sup> April 2021	College
		International Webinar on Ecosystem Restoration	Dept. of Zoology GZRSC in collaboration with Research & Seminar Committee GZRSC.	1 day 5 <sup>th</sup> June 2021	International
		5-Days Faculty Development Programme On E-Teaching	Research and seminar Committee and IQAC , GZRSC	5 days 30.7.2020 - 4.8.2020	College
		Faculty Development Program on Moodle Learning Management System	GZRSC and IIT Bombay	5 days 24.8.2020 - 28.8.2020	
		National Webinar on Bioresources and Climate Change	Dept of Zoology, Dept of Electronics, Research and Seminar Committee, GZRSC	1 day 17.11.2020	National

		5 Days Faculty Development Programme For Teaching And Non-Teaching Staff	IQAC and Research and Seminar Committee, GZRSC	5 days 5.4.2021 – 9.4.2021	College
		Webinar on Ecosystem restoration: Reimagine, Recreate and Restore	Dept of Zoology and Research and Seminar Committee, GZRSC	1 day 5.6.2021	International
		Faculty Development Programme on Moodle learning Management system	GZRSC and IIT Bombay	24-28 <sup>th</sup> August, 2020	State level
		National Webinar on Bioresources and climate change	Dept. of Zoology, Dept. of Electronics & Research and Seminar Committee, GZRSC	17 <sup>th</sup> November, 2020	National
		Webinar on celebration of National Education Day, 2020	Research and Seminar committee, & IQAC, GZRSC	11 <sup>th</sup> November, 2020	College
		International Webinar on Overseas Education Career ‘ N’ Options	Zoology dept and IMG, United Kingdom	2hrs 2 <sup>nd</sup> March, 2021	International
		5 Days Faculty Development Programme for Teaching and Non Teaching staff	IQAC and Research and Seminar Committee, GZRSC	5 <sup>th</sup> -9 <sup>th</sup> April, 2021	College
		International Webinar on Ecosystem Restoration- Reimagine, Recreate and Restore	Dept of Zoology, GZRSC in collaboration with Research and Seminar Committee	5 <sup>th</sup> June, 2021	International
		5-Days Faculty Development Programme On E-Teaching	5-Days Faculty Development Programme On E-Teaching	5-Days Faculty Development Programme On E-Teaching	5-Days Faculty Development Programme On E-Teaching
		Moodle Learning Management System	Moodle Learning Management System	Moodle Learning Management System	Moodle Learning Management System
		National Education Day	National Education Day	National Education Day	National Education Day
		Celebration of National Science day 2021	Celebration of National Science day 2021	Celebration of National Science day 2021	Celebration of National Science day 2021
		International Webinar on Overseas Education Career N’ Options	International Webinar on Overseas Education Career N’ Options	International Webinar on Overseas	International Webinar on Overseas Education Career N’

				Education Career N' Options	Options
		Faculty Development Programme for Teaching and Non-Teaching Staff	Faculty Development Programme for Teaching and Non-Teaching Staff	Faculty Development Programme for Teaching and Non-Teaching Staff	Faculty Development Programme for Teaching and Non-Teaching Staff
		Webinar on Environment Issues	Webinar on Environment Issues	Webinar on Environment Issues	Webinar on Environment Issues
		Webinar on Biodiversity Conservation.	Webinar on Biodiversity Conservation.	Webinar on Biodiversity Conservation.	Webinar on Biodiversity Conservation.
		International Webinar on Ecosystem Restoration	International Webinar on Ecosystem Restoration	International Webinar on Ecosystem Restoration	International Webinar on Ecosystem Restoration
		5 Days Faculty Development Programme for Teaching and Non Teaching staff	IQAC and Reaearch and Seminar Committee, GZRSC	5 <sup>th</sup> -9 <sup>th</sup> April, 2021	College

**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 : 1) Dr Lalzahawmi Chenkual, Member, BOS and Moderation, MZU**

**2) S. Thangrimawii, Member, Moderation Board, MZU**

**b) State: 1) Dr Lalzahawmi Chenkual, ex-officio member, State wetland Authority**

**2) Dr Lalzahawmi Chenkual, Vice President, Mizoram Science Society**

**3) Dr Lalzahawmi Chenkual, EC, MCTA hqrts**

**4) Caroline Zaihmingthangi, Member, MAS**

**5) Dr. Lalzahawmi Chenkual, Member, MAS**

**6) Lalrinmawia, Member, MAS**

**7) S. Thangrimawii, Member, MAS**

**8) H. Lalnunsangi, Member, MAS**

**9) Sailopuii, Member, MAS**

**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	Lalrinmawia	"Hyblaea puera Cramer (Lepidoptera: Hyblaeidae) infestation on Tectona grandis Linn F. in Aizawl District, Mizoram", International Journal of Emerging Technologies and Innovative Research	November-2020 Vol.7, Issue 11, page no.71-79	International Journal of Emerging Technologies and Innovative Research	ISSN: 2349-5162
2	Lalrinmawia	An Assessment of Insect Pests of Teak (Tectona grandis Linn.F) with Special Reference to Bioecology of Hyblaea Puera (Cramer) in Aizawl District Mizoram	Volume - 10   Issue - 04   April - 2021	International Journal of Scientific Research	ISSN: 2277 – 8179 UGC Approved Journal No 63975

**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:**

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

(ii) Short Course Programme for MS Access and video Tutorial on Virtual Class Android apps, etc

<https://youtu.be/koSZvg3fjdl>

<https://youtu.be/RXqLBelJ8yg>

**23. Library facilities: (Numbers only)**

a. Textbooks and Reference Books : 558

b. Journals :

c. E-Books and E Journals : 56

d. Any other :

**24. Any other relevant information(reports):**

### 3. UNIVERSITY RANK HOLDER FOR THE YEAR 2021

#### Rank Holders: -

#### GOLD MEDALISTS – 2021

Sl. No.	Name	Roll No.	Department	CGPA	Rank
1	Malsawmkimi	1807BS103	Zoology	9.47	1
2	K. Malsawmsangi	1807BH009	Home Science	9.16	1

#### RANK HOLDERS – 2021

Sl. No.	Name	Roll No.	Department	CGPA	Rank	No of Ranks
1	Lalawmpuia	1807BS042	Physics	8.81	3	
2	Lalthansanga	1807BS098	Physics	8.63	6	
3	Elizabeth Malsawmtluangi	1807BS020	Physics	8.49	9	
4	Lalramnghaka	1807BS078	Chemistry	9.37	1	
5	Malsawmtluangi	1807BS105	Chemistry	9.06	2	
6	Linda Laltanpuui	1807BS101	Chemistry	8.50	8	
7	Augustine Zairemtluanga	1807BS002	Mathematics	8.46	6	1
8	Malsawmkimi	1807BS103	Zoology	9.47	1	
9	Lalnuntluangi	1807BS071	Zoology	9.05	3	
10	Julie Lalhmumawii	1807BS037	Zoology	8.64	6	
11	Frankie Lalhruaisanga	1807BS025	Botany	8.91	2	
12	Zongaihzuai	1807BS145	Botany	8.60	6	
13	Lalhrulaitluangi	1807BS060	Botany	8.43	9	
14	Lalrinsiami	1807BS088	Botany	8.36	10	
15	Lalhmingsanga	1807BS055	Geology	8.56	3	
16	K. Lalthannguri	1807BS039	Geology	7.99	8	
17	K. Malsawmsangi	1807BH009	Home Science	9.16	1	
18	Merilyn	1807BH012	Home Science	8.54	2	
19	Ruthi Vanlalmuanpuui	1807BH016	Home Science	7.96	3	
20	Rebecca Lalrinfeli	1807BH014	Home Science	7.87	4	
21	Sairengpuui	1807BH014	Home Science	7.86	5	
22	Elizabeth Lalrinsangi Hnialum	1807BH004	Home Science	7.70	6	
23	J. Vanlalmangaihzuai	1807BH007	Home Science	7.61	7	
24	Lalrinliana Chawngte	1807BCA022	BCA	7.96	5	
25	F. Vanlaldika	1807BCA007	BCA	7.79	6	
26	Mamta Gurung	1807BCA028	BCA	7.69	8	
27	Vanlalruatfela	1807BCA037	BCA	7.65	9	

#### 4. ANALYSIS OF UNIVERSITY RESULTS 2021 BACHELOR OF SCIENCE

##### SIXTH SEMESTER

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2018	128	128	123	5	96.09
Repeater	2016	4	4	4	nil	100
<b>Total</b>		132	132	127	nil	96.21

Department	No. of student	Passed	Failed	Pass percentage
Botany	26	26	nil	100
Zoology	35	32	3 (VI Semester failed)	91.42
Chemistry	15	15	nil	100
Physics	13	13	nil	100
Mathematics	31	30	1 (having back paper)	96.77
Geology	8	7	1 (having back paper)	87.5

##### **Highest CGPA**

Botany	1807BS025	Frankie Lalhruaisanga	8.91 CGPA
Zoology	1807BS103	Malsawmkimi	9.47 CGPA
Chemistry	1807BS078	Lalramnhaka	9.37 CGPA
Physics	1807BS042	Lalawmpuia	8.81 CGPA
Mathematics	1807BS002	Augustine Zairemtluanga	8.46 CGPA
Geology	1807BS055	Lalhminga	8.56 CGPA

Department		Grade							
		O	A+	A	B+	B	C+	C	F
Botany			13	13					
Zoology		2	7	22	1				3
Chemistry		2	5	8					
Physics			4	9					
Mathematics			11	19					1
Geology			1	6					1
Total		4	41	77	1				5
Mathematics					1				
Geology				2	1				
Total				2	2				

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

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2018	20	20	20	nil	100

**Highest CGPA**      1807BH009    K. Malsawmsangi    9.16 CGPA

Subject	Grade							
	O	A+	A	B	B+	C	C+	F
B Sc. Home Science	1	2	16					

**FOURTH SEMESTER**

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

**Highest SGPA** 1907BH008    Lalhmangaihzuoli    9.26 SGPA

**SECOND SEMESTER**

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2020	38	37	37	1	97.36
Repeater	2018	2	2	2	nil	100
<b>Total</b>		40	39	39	1	97.5

**Highest SGPA** 2007BH038    Saipari    8.78 SGPA

**BACHELOR OF COMPUTER APPLICATION (BCA)****SIXTH SEMESTER**

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2018	29	29	23	6 (having back paper)	79.31

**Highest CGPA**      1807BCA022    Lalrinliana Chawngte    7.96 CGPA

	Division				
	Distinction	First	Second	Third	Failed
BCA Regular		22	1		6



**FOURTH SEMESTER**

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

***Highest SGPA1907BCA008 Lalremruati8.43 SGPA***

**SECOND SEMESTER**

	Batch	No. of students	No. of student appeared	Passed	Failed	Pass percentage
Regular	2020	29	29	29	nil	100
Repeater	2018	4	4	3	1	75
<b>Total</b>		33	33	32	1	96.96

***Highest SGPA2007BCA008 K. Muansiama 9.39 SGPA***

## 5. STUDENTS MENTORING SYSTEM ODD SEMESTER

## MENTORING REPORT ODD SEMESTER 2020 (INTRODUCTORY REPORT)

Sl. No	Department	Faculty (Mentor)		No. of Mentees reported as on JULY 2020	Aim in Life
		Sl. No	Name		
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>
		1	LALSANGLIANI KHAWLHRING	7	Professional chef,Dietitian,Architect/dietitian/to work in tourism deptt,Lecturer
		2	LALSANGKIMI HMAR		
		3	LALHMINGLIANI HLONDO	7	Fashion stylist, Makeup artist,Fashion designer/Teacher,Dietician,Interior designer
		4	VANLALLAWMI	8	interior designer, chef, police officer, dietician, nurse, police officer
		5	LALTHANPUII RALTE	7	Dietician
		6	C. LALRAMDINA	8	Dietician/Professonal Chef,Dietician,Nurse,Nurse,Dietician,Nutrit ionist,Cabin's Crew
		7	MARIA LALHMINGMAWII	6	Dietitian or Nutritionist,Interior Designer,Chef
		8	LALRAMMAWII		
		9	LALRINNGHETI RALTE	20	Fashion Designer,Dietician,Nutritionist,Nutritionist, Teacher
		10	MIMI LALMUANAWMI	7	Dietician,Lecturer,Chef
		11	REBECCA LALNUNTLUANGI	8	Chef,Dietician,Architect,Nutritionist,Fashio n Designer
		12	C ZARZOKIMI	8	Dietician,Designer,Chef
		1	DR. ARUP KUMAR	13	Scientist with Ph. D,MCS Officer,Army Officer,IAS, Academician,Physicist,Lecturer,join Armed Force,Banker,Indian Air force or IPS
		2	DR. ROSANGLIANA		
		3	M.I. SINGH		
		4	REMLALSIAMA	14	
		5	LAWRENCE ZONUNMAWIA	15	Civil Service, Teacher, Professor, Engineer, Lecturer, Aerospace Engineer,3D Artist, Illustrator
		1	C. ZORAMTHARA	11	Mathematician, Theoretical Physicist, Engineering,Teacher,Professor,Teacher,Pro fessor,Lecturer,Army Officer
		2	DR. C. LALMUANKIMI	8	MCS,Professor,Geologist,Civil engineer,Geologist,Lecturer,Indian Army Officer
		3	LALTLANKIMA		
		4	C. LALREM RUATFELA	15	Geologist,Mining engineer,Engineer,M.Tech,Army officer,Doctor,Teacher,Lecturer
		1	LALTLUANGKIMI HNAME	9	doctor,Chemistry Professor,Biotechnician
		2	LALRINSANGI NGHINGLOVA	9	Higher studies,Army officer,Nursing,I.A.S,Academic researcher/chemical weapon

					analyst,Medical aspirant,Pharmacist,Competitive exams,Lecturer
		3	LALMALSAWMI	11	Doctor,IFS,Nurse,Pharmacist,Doctor
		4	LALRINPUII ROKHUM	10	Pharmacist,College Teacher,Professor or Entrepreneur,Nurse,Doctor,
		1	DR. R. LALENGMAWIA	13	CAT,Lecturer,Mizoram Civil service,Business,Teacher,Lecturer,Professor
		2	ZODINPUII	12	doctor, engineer, military nurse, vety doctor
		3	LALTLANCHHUNGI	17	Lecturer,B.Pharm,Professor,Teacher,Nuclear,Doctor
		4	LALRINTLUANGI	12	Bsc(Agri),Nursing,Teacher/Lecturer,Msc(Botany),Pharmacist,Police,Msc(Zoology),MCS
		5	MARY LALTHANSANGI	13	professor,lecturer,professor,chef,teacher,pharmacist,nurse,IFS,MPS
		6	LALREM RUATI HMAR	17	Radiographer,Lecturer,Business woman,Teacher,Professor,Chemical engineer,IndiaForestService/Artist
		7	LALNUNTHARA	13	
		8	LALTHANPUII HNAME	8	
		1	PROF. B. ZOLIANA		
		2	DR. RICKY LALHMANGAIHZUALA	10	Lecturer,Army Officer,Businessman,Army Officer,Officer
		3	DR. P.C. ROHMINGLIANA	9	Civil Service,Teacher,Army Officer/Airforce Officer,Mizoram Civil Services (MCS),Architech.
		4	LALRINMAWIA PUNTE	13	Army,Lecturer,Army Officer,Electronic Sales Manager,Engineer or other Civil Services,Engineer,Central Services
		5	REGINALD VANLALCHAKA	15	Teacher,Architect,Professor,Lecturer,Police Officer,Military Officer
		1	L.B. SINGH	32	Teacher,Professor/ MCS,Lecturer,Civil Service,join Armed Force,Banker,Indian Air force or IPS
		2	PARIJAT KUMAR	15	
		3	DR. LALAWMPUII	14	Army Officer,Lecturer,Professor,Teacher,Astronomer or Geologist,Navy Officer,Geophysicist,IPS,Indian Air force
		4	DR. LALHMANGAIHZUALA	13	army officer,lecturer,business woman,engineer,bank manager,Electrical Engineer.
		5	DAVID ROSANGLIANA	12	Electrical Engineer,Professor,Civil Service Aspirant,Lecturer
		1	LALHMINGLIANA HNAME		
		2	ZONUNTHARI	10	
		3	DR. K.B. SINGH	15	
		4	SAMUEL LALLIANRAWNA		
		5	LALRAMENGZAMI	17	
		6	DR. LALSAIMAWIA SAILO		
		1	M.S.DAWNGLIANI	12	Software Developer,Medical Line
		2	LALHRUAITLUANGA	8	businessman,MBA,Hardware/ Software designer,Army Officer, ,Software

					engineer,IT Specialist (Cyber Security),MCA or B.Ed,teacher
		3	C. LALRINAWMA	10	Game developer,Bank Probationary officer,Business,Graphic Designer,Software Engg.,Computer Operator,Pastor,Higher Studies
		4	LALDINGLIANA SAILO	9	Programmer/ Coder,Graphics Designer,Banker,Videographer,Successful business man,MCA,Software engineer,Graphic designer
		5	R.LALMAWIPUII	10	Business,Web developer,Bank PO,Graphic Designer,Mobile application developer or designer,Digital Advertising
		6	LALSANGZUALI	10	developer,Programmer,Bank Accountant/Bank Manager,MIS,MCA or Central Service,Marketing,Engineer
		7	H.THANGKHANHAU	10	Software Developer,Advertising and Promotion,own crypto mining farm, ,trading,Lecturer,Software engineering,Programmer/Cartoon director
		8	VANLALLURA	10	MCA,Software engineer,Software Developer,MBA
		1	CAROLINE ZAIHMINHANGI		
		2	DR. LALZAHAWMI CHENKUAL	17	Doctor,Professor,Lecturer,Police Officer,Veterinary Technologist,Biology Teacher,zoologist,B.V.Sc
		3	H.LALNUNSANGI	18	B.Sc Nursing,Professor,Forensic expert/Wildlife,biologist,Entrepreneur,Teacher,Zoologist,Army Officer
		4	S. THANGRIMAWII	17	BVSc,nurse,IAS officer,pharmacist,pastor,teacher,businessman,lawyer,Civil Service,Police officer,healthcare professional
		5	SAILOPUUI	12	Wildlife Biologist / Zoologist,Professor,IAS,IAS / MCS,Civil Service,Army Medical Officer
		6	LALRINMAWIA	13	Civil Service,Medical Doctor,Teacher,Nurse,veterinarian Doctor,Surgeon
		1	FANAI LALSANGLUAI	15	Professor,civil services,doctor,Dentist,Literature and poems,,Pharmaceutical industries or Forensic laboratories,Surgeon
		2	LALROSANGPUUI	8	Professor,Doctor (MBBS),Teacher,Lecturer
		3	K ZOSANGPUUI	8	Teacher,Doctor,Missionary,Lecturer,Dermatology,Officer (Scale-I)
		4	REBECCA VANLALSANGI	11	Doctor,Pharmacist,Army Officer,Chemistry Professor

### MENTORING REPORT ODD SEMESTER 2020 (FIRST MENTEE REPORT)

Sl.	Department	Faculty (Mentor)		No. of Mentees reported as on JULY 2020	Students less than 75% attendance	No of Mentee secured less than 40% in the 1st test	Remarks on Mentees
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>ix</i>
		1	LALSANGLIANI KHAWLHRING	7	1	0	
		2	LALSANGKIMI HMAR	6	0	0	
		3	LALHMINGLIANI HLONDO	7	0	0	
		4	VANLALLAWMI	8	1	0	
		5	LALTHANPUII RALTE	7	1	0	
		6	C. LALRAMDINA	8	2	0	They are attentive and sincere. Their performance are not bad. They still can do better in end semester exam
		7	MARIA LALHMINGMAWII	6	1	0	
		8	LALRAMMAWII	6	0	0	
		9	LALRINNGHETI RALTE	6	0	0	
		10	MIMI LALMUANAWMI	7	3	0	
		11	REBECCA LALNUNTLUANGI	8	2	0	
		12	C ZARZOKIMI	7	1	0	
		1	DR. ARUP KUMAR	13	0	0	
		2	DR. ROSANGLIANA				
		3	M.I. SINGH	11	1	0	
		4	REMLALSIAMA				
		5	LAWRENCE ZONUNMAWIA	13	3	1	
		1	C. ZORAMTHARA	11	4	0	
		2	DR. C. LALMUANKIMI				
		3	LALTLANKIMA				
		4	C. LALREM RUATFELA	10	6	0	Some mentees were not admitted to certain groups and hence attended less classes.
		1	LALTLUANGKIMI HNAME	8	0	0	Internet issue faced by some students
		2	LALRINSANGI NGHINGLOVA	9	1	0	Most mentees are regular in attendance
		3	LALMALSAWMI	8	1	2	Mentees are doing well academically
		4	LALRINPUII ROKHUM	9	0	0	Mentees are quite regular in attending classes. Their performance in internals may not be satisfactory but they tried their best.

5	BOTANY	1	DR. R. LALENGMAWIA	13	2	0	Attendance of two students less than 75% due to technical problems i.e. no smart phone and poor internet connectivity
		2	ZODINPUII	7	0	0	
		3	LALTLANCHHUNGI	12	0	0	
		4	LALRINTLUANGI	12	0	0	
		5	MARY LALTHANSANGI	13	1	0	
		6	LALREM RUATI HMAR	13	3	0	
		7	LALNUNTHARA	13	0	0	
		8	LALTHANPUII HNAME	8	2	0	
		1	PROF. B. ZOLIANA	PRINCIPAL			
		2	DR. RICKY LALHMANGAIHZUALA	10	5	0	
		3	DR. P.C. ROHMINGLIANA	9	2	0	
		4	LALRINMAWIA PUNTE	13	5	0	
		5	REGINALD VANLALCHAKA	13	5	1	
		1	L.B. SINGH	32	1	0	
		2	PARIJAT KUMAR	12	3	0	
		3	DR. LALAWMPUII	13	4	0	
		4	DR. LALHMANGAIHZUALA	13	2	0	They all seems to be good student. Some of them used to have internet issues while attending classes.
		5	C LALNGAIHAWMA				
		1	LALHMINGLIANA HNAME	15	0	0	Some have difficulties with internet availability in their area / village.
		2	ZONUNTHARI	8	1	0	
		3	DR. K.B. SINGH				
		4	LALRAMENGZAMI	7 <sup>1</sup>	8	1	Complain about internet connection. (2) Student without Mobile phone
		5	LALSAIMAWIA SAILO	13	3	1	
		1	M.S.DAWNGLIANI	12	3	4	Two mentees left as they want to seek admission in the science stream in the next year.
		2	LALHRUAITLUANGA				
		3	C. LALRINAWMA	10	3	0	
		4	LALDINGLIANA SAILO	9		0	
		5	R.LALMAWIPUII	10			
		6	LALSANGZUALI	10	1	0	
		7	H.THANGKHANHAU	10	1	NIL	Overall performance in first internal exam is satisfactory. But there are room for improvements.
		8	VANLALLURA	10	2	0	

10	ZOOLOGY	1	CAROLINE ZAIHMINHANGI	14	0	0	Most of them do not face problems so far. One mentee, Lalruatkimi had medical problem, suffering from TB and nerve illness
		2	DR. LALZAHAWMI CHENKUAL	12	2	0	
		3	H.LALNUNSANGI	12	0	0	
		4	S. THANGRIMAWII	14	2	1	
		5	SAILOPUII	11	0	0	
		6	LALRINMAWIA	11	0	0	
		1	FANAI LALSANGLUAI	14	2	0	
		2	LALROSANGPUII	7	0	0	
		3	K.ZOSANGPUII	8	0	0	
		4	REBECCA VANLALSANGI	10	1	0	

**MENTORING REPORT ODD SEMESTER 2020 (SECOND MENTEE REPORT)**

Sl.	Department	Faculty (Mentor)		No. of Mentees reported as on July 2020	No of students having Physical and mental condition	No of students having Financial issue	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>ix</i>
		1	LALSANGLIANI KHAWLHRING	7	0	0	Fortunately all made improvements in 2 <sup>nd</sup> test both in studies and attendance. They all worked very hard and on their own
		2	LALSANGKIMI HMAR	6	0	0	They are attentive and sincere.
		3	LALHMINGLIANI HLONDO	7	0	0	
		4	VANLALLAWMI	8	1	0	
		5	LALTHANPUII RALTE	7	0	0	All mentees have very good attendance and have performed very well in their internal tests. One mentee achieved 100% attendance, and nearly perfect scores in both 1st and 2nd internal tests. Most of my mentees have shown improvement in their overall performance in the 2nd internal test.
		6	C. LALRAMDINA	8	0	0	They are attentive and sincere. Their performance are not bad. They still can do better in end semester exam
		7	MARIA LALHMINGMAWII	6	0	0	
		8	LALRAMMAWII	6	0	0	
		9	LALRINNGHETI RALTE	6	0	0	
		10	MIMI LALMUANAWMI	7	1	0	The mentees scored better marks in the 2nd Internat test as compared to 1st Internal test, except for one student. Their marks % is above 65%. One student has an attendance less than 75%
		11	REBECCA LALNUNTLUANGI	8	3	0	
		12	C ZARZOKIMI	7	2	0	
		1	DR. ARUP KUMAR	13	0	0	
		2	DR. ROSANGLIANA				
		3	M.I. SINGH	11	2	0	
		4	REMLALSIAMA	13	1	0	Some students are not



							familiar with online class. They are given special considerations in attendance and in learning.
		5	LAWRENCE ZONUNMAWIA	13	0	0	Performance in exam and attendance become better than before
		6	VANRAMLAWMA				
		1	C. ZORAMTHARA	11	1	0	
		2	DR. C. LALMUANKIMI				
		3	LALTLANKIMA				
		4	C. LALREMRUATFELA	10	5	0	All mentees show improvement in their test performance especially those who scored lower marks in the first internal exam.
		1	LALTLUANGKIMI HNAME	8	0	0	All the mentees have attended their classes quite regularly and have done well in their 1 Internal exams. They all scored more than 60% marks. So far, I have not found any problem on my mentees.
		2	LALRINSANGI NGHINGLOVA	9	0	0	Most of my mentees have done well.Majority of them have made improvemnents in their marks and attendance.One mentee R.lalrinmawia will be leaving the college to join a course at RIPANs
		3	LALMALSAWMI	8	1	0	One of my mentees Samuel Lalhriatkima has problems at home which restricted his participation in the online classes for a while.His attendance has been upgraded to the mandatory mark.
		4	LALRINPUII ROKHUM	9	0	0	One mentee left the college
		1	DR. R. LALENGMAWIA	13	0	0	Technical problems were solved
		2	ZODINPUII	7	0	0	
		3	LALTLANCHHUNGI	12	0	0	
		4	LALRINTLUANGI	12	0	0	
		5	MARY LALTHANSANGI	13	0	0	Performance is overall good with no one lagging behind One mentee had less than 75% attendance in October but after a counselling session his attendance has improved

							to 92.7 %
		6	LALREMRUATI HMAR	13	0	1	
		7	LALNUNTHARA	13	0	0	
		8	LALTHANPUII HNAME	8	3	0	No such problem reported regarding the online teaching, facing a network interruption is the only minor complaints
		1	PROF. B. ZOLIANA	PRINCIPAL			
		2	DR. RICKY LALHMANGAIHZUALA	10	4	0	8 students score higher mark than 1st CA, The attendance percentage of 8 students were higher than 1st CA. Students less than 75% attendance is less than 1st CA (5 in 1st CA).
		3	DR. P.C. ROHMINGLIANA	9	2	0	
		4	LALRINMAWIA PUNTE	13	4	1	Parent-Teacher online meeting conducted twice
		5	REGINALD VANLALCHAKA	13	3	1	Roll No-241: His smart phone was not working and could not afford new one due to family financial issue. Therefore, he could not attend classes and even internal examinations
		1	L.B. SINGH	32	1	0	
		2	PARIJAT KUMAR	12	2	0	GOOD
		3	DR. LALAWMPUII	13	3	0	
		4	DR. LALHMANGAIHZUALA	13	1	1	In spite of internet issues, they perform very well which can be seen from their attendance and performance in their internal exams.
		5	DAVID ROSANGLIANA				
		1	LALHMINGLIANA HNAME	15	0	0	Some have difficulties with internet availability in their area / village.
		2	ZONUNTHARI	8	0	0	
		3	DR. K.B. SINGH				
		4					
		5	LALRAMENGZAMI	17	0	0	Poor internet connection
		6	LALSAIMAWIA SAILO	13	2	1	Most of them have improvement in 2 <sup>nd</sup> Internal Test as compared to 1 <sup>st</sup> Internal Test.
		1	M.S.DAWNGLIANI	12	3	5	Two mentees left as they want to seek admission in the science stream in the next year.
		2	LALHRUAITLUANGA				
		3	C. LALRINAWMA	10	2	0	

		4	LALDINGLIANA SAILO	9	6	1	
		5	R.LALMAWIPUII	10	3	1	
		6	LALSANGZUALI	10	1	0	
		7	H.THANGKHANHAU	10	3	0	There are three students having less than 75% in attendance. They are called through phone and inform to improve their attendance percentage.
		8	VANLALLURA	10	1	0	
		1	CAROLINE ZAIHMINGTHANGI	14	0	0	Online "Teacher-Parent Meet" was conducted on 07.Nov. 2020. All the mentees parent responded very well, they are very happy and delighted the way we care our students.
		2	DR. LALZAHAWMI CHENKUAL	12	0	0	Some students had network problems.
		3	H.LALNUNSANGI	12	0	0	
		4	S. THANGRIMAWII	14	3	1	
		5	SAILOPUII	11	0	0	
		6	LALRINMAWIA	11	0	0	Very good in academic record and no specific problem
		1	FANAI LALSANGLUAI	14	0	1	
		2	LALROSANGPUII	7	0	0	
		3	K.ZOSANGPUII	8	0	0	
		4	REBECCA VANLALSANGI	10	1	0	I am so happy to guide sincere, hardworking and dedicated students, all of them have a good attendance as well as good marks in their internal test, 2 students have discontinued the course joining technical line

**6. STUDENTS MENTORING SYSTEM EVEN SEMESTER**  
**MENTORING REPORT EVEN SEMESTER 2021 (FIRST MENTEE MEET REPORT)**

Sl.	Department	Faculty (Mentor)		No. of Mentees reported as on JAN 2021	No of Mentees less of 75% attendance	No of Mentee secured less than 40% in the 1st test	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>
		1	LALSANGLIANI KHAWLHRING	7	1	3	They maintain a good attendance. Most common causes of getting low marks in the examination may be due to: not knowing how to study productively, not know the proper method of study,,difficulty to understand English ,study itself can be the cause because to study means to learn and understand
		2	LALSANGKIMI HMAR	6	0	1	Most of them scored less than expected. They have to study harder and be more serious in their studies
		3	LALHMINGLIANI HLONDO	7	0	3	
		4	VANLALLAWMI	7	1	2	Generally obedient students who all have room for improvement.
		5	LALTHANPUII RALTE	7	0	1	Attendance is good for all mentees. 4 mentees have not managed to clear some of their papers in 1 <sup>st</sup> internal. They have been advised to put in more effort in their studies.
		6	C. LALRAMDINA	7	2	7	Their performance in 1 <sup>st</sup> internal exam are very bad. They are advised and warned to study harder. So they promised to do better in the next internal exam.
		7	MARIA LALHMINGMAWII	7	3	3	Average marks dissatisfying due to limited studying
		8	LALRAMMAWII	6	2	2	Due to network problem, some students could not attend some online classes.
		9	LALRINNGHETI RALTE	5	0	5	Did not study properly, Regular in class

		10	MIMI LALMUANAWMI	5	2	4	Only 1 of the mentee scored more than 40% of the marks. 2 of the mentees has attendance less than 75%
		11	REBECCA LALNUNTLUANGI	4	1	2	Overall attendance is good, due to sickness one student could not give internal test. All mentees are given advice to improve more in the next test and final exam.
		12	C ZARZOKIMI	7	0	6	
		1	DR. ARUP KUMAR	13	1	1	
		2	DR. ROSANGLIANA	10	0	0	
		3	M.I. SINGH	11	2	2	Except few, most of the students are not working hard, counselling to be done again.
		4	REMLALSIAMA	13	3	4	Some students have developed laziness in studies while on online studies. Sudden offline
		5	DR. LAWRENCE ZONUNMAWIA	15	0	2	Test exams are troublesome for them. Thus scored less than 40% marks.
		1	DR. C. ZORAMTHARA	14	2	2	Three mentee left the college
		2	DR. C. LALMUANKIMI	8	0	0	
		3	LALTLANKIMA	10	4	0	Attendance is good for all mentees. 4 mentees have not managed to clear some of their papers in 1 <sup>st</sup> internal. They have been advised to put in more effort in their studies.
		4	DR. LALREM RUATFELA C.	15	2	1	Some students are trying really hard to improve in their studies while few are attending college just for the fun of it. Common problem students face is catching up and understanding class lectures in math and physics. This is a common problem every semester for students with this subject combination, yet no effective measure has been taken so far. Online classes are not very effective as students have internet problems and struggle to give attention to lectures.
		1	LALTLUANGKIMI HNAME	8	0	1	The test results on the whole is not very satisfactory except for

						one. Apart from this, mentees are quite approachable and did not hesitate to share their problems. The mentor hopes that they would have better results in the second test.
	2	LALRINSANGI NGHINGLOVA	8	1	4	In general their performance in first test is not satisfactory. Attendance on the whole is good
	3	LALMALSAWMI CHHANGTE	4	0	2	As mentioned above, four of my mentees left the college to join other courses. I am glad that the three girls have joined courses which they really want to pursue. Its fortunate that my mentees seem to be good people coming from decent backgrounds. They are all very forthcoming and responsive when asked for any kind of information. Reasons for their poor performance in test seem to be genuine and I hope to see better results in future.
	4	LALRINPUII ROKHUM	8	1	1	Good students. They give importance to their classes but they do need to try a bit harder for improvement.
	1	DR. R. LALENGMAWIA	13	0	0	
	2	ZODINPUII	4	1	0	
	3	LALTLANCHHUNGI	12	3	0	Attendance is good for all mentees. 4 mentees have not managed to clear some of their papers in 1 <sup>st</sup> internal. They have been advised to put in more effort in their studies.
	4	LALRINTLUANGI	12	1	5	One student poor attendance is due to quarantine (covid-19) during offline. Some of my mentees neglect studying and some were ill during their ICA.
	5	MARY LALTHANSANGI	13	3	0	Most of the mentees have not put enough effort in their 1 <sup>st</sup> internals.
	6	LALREM RUATI HMAR	10	1	2	Most of my mentees are weak in studies, however two /three of them have the potential to do better, inspite of their weak in

						studies , they are quite regular in attending classes.
		7	LALNUNTHARA	9	0	2
		8	DR. LALTHANPUII HNAME	8	2	3
		1	PROF. B. ZOLIANA	PRINCIPAL		
		2	DR. RICKY LALHMANGAIHZUALA	10	6	2
		3	DR. P.C. ROHMINGLIANA	11	1	2
		4	DR. LALRINMAWIA PUNTE	13	3	5
		5	REGINALD VANLALCHAKA	12	1	2
						There are 6 students less than 75% attendance, this is due to Covid-19 Pandemic
						2 mentee left the college
						Some students are not sincere.
						1. Live in remote village (Amobyu B); Having issue on internet connection and could not attend class properly 2. Could not give exam properly due to stomach illness. 3. Weak in Maths and Physics
		1	L.B. SINGH	32	3	2
		2	PARIJAT KUMAR	12	5	1
		3	DR. LALAWMPUII	13	3	2
		4	LALTLANHLUI	13	1	0
		5	DAVID ROSANGLIANA	10	0	1
		1	DR. LALHMINGLIANA HNAME	15	2	0
		2	ZONUNTHARI	6	2	1
		3	DR. K.B. SINGH	15	1	6
		4	R LALRAMENGZAMI	15	5	1
		5	DR. LALSAIMAWIA SAILO	13	1	4
		6	DR. SAMUEL LALLIANRAWNA	13	1	2
		1	DR. M.S.DAWNGLIANI	12	3	2
		2	LALHRUAILTUANGA	8	4	3
		3	C. LALRINAWMA	10	5	6
						two mentee left the college as they want to join BSc.
						Most of the students find hard to come up with Online classes and have

						internet connection issues.	
		4	LALDINGLIANA SAILO	9	3	2	Rno 9 (Moses Vanlalhruaia) was absent for a long time due to Medical Problem
		5	R.LALMAWIPUII	10	2	1	1 student failed in 1 <sup>st</sup> Internal test and his attendance is also poor, others are doing fine in the internal. I called them up and advised them to do better in the coming 2 <sup>nd</sup> internal test
		6	LALSANGZUALI	9	2	0	Roll No – 19 Lorry K. Lalrohluwa doesn't want to join 2 <sup>nd</sup> Semester
		7	H.THANGKHANHAU	10	1	2	The student whose attendance below 75% is SU leader and was told to keep up attendance. Fail students accepted lack of study as the main reason and were encourage to study hard.
		8	VANLALLURA	10	3	1	Average
		1	CAROLINE ZAIHMINGTHANGI	14	1	3	One mentee,Lalruatkimi Roll No. 121 is getting better and she is attending monthly check up to ZMC,Falkawn . Others are not facing problem.
		2	DR. LALZAHAWMI CHENKUAL	12	4	0	My mentees are average type of students, not doing very bad, not doing very good also. They all have to work harder as all of them have the ability to obtain much higher marks. Due to covid pandemic, they have become lazy, lost interest in studies and they have to adjust themselves to regular classes and normal study routine.
		3	H.LALNUNSANGI	12	3	0	R.No 109 is SU leader,144 joint late
		4	S. THANGRIMAWII	17	4	6	1.I have 17 mentees altogether out of which four of them left the college as they have joined other courses as mentioned above. 2.Four of them have attendance less than 75% due to problems faced during Covid-19 Pandemic and internet problem. 3.The overall performance of all my mentees in the test is not satisfactory and need



							to study much harder. Six of them scored less than 40%.
		5	SAILOPUII	8	0	3	Some students joined coaching classes and other institutions
		6	LALRINMAWIA	11	0	0	Very good in academic record and no specific problem
		1	DR. FANAI LALSANGLUAI	8	2	2	
		2	LALROSANGPUII	8	0	0	
		3	K.ZOSANGPUII	8	0	0	
		4	DR. REBECCA VANLALSANGI	10	2	1	All the mentees were contacted and discussion was made on their March attendance and 1st Internal performance, looking forward to see improvement in the upcoming test. HD Lalruatfeli plans to join other fields of study • FH lalvenhima attends coaching class along with college and hopes to clear technical entrance test

### MENTORING REPORT EVEN SEMESTER 2021 (SECOND MENTEE MEET REPORT)

Sl.	Department	Faculty (Mentor)		No. of Mentees reported as on JAN 2021	No of Mentees less of 75% attendance	No of Mentee secured less than 40% in the 1st test	Remarks
		Sl. No	Name				
<i>i</i>	<i>ii</i>	<i>iii</i>	<i>iv</i>	<i>v</i>	<i>vi</i>	<i>vii</i>	<i>viii</i>
		1	LALSANGLIANI KHAWLHRING	7	1	0	Students show remarkable growth and achievements in their studies..
		2	LALSANGKIMI HMAR	6	0	0	All of them has improved in 2nd internal and their attendance is also not bad. They can do better than this.
		3	LALHMINGLIANI HLONDO	7	0	0	Mentees improves in their 2nd Internal Assessment marks than their 1st internal. Advices on how and where to improve were discussed individually and are encouraged for further improvementss
		4	VANLALLAWMI	6	1	0	Generally obedient students who all have room for improvement.
		5	LALTHANPUII RALTE	7	0	0	All mentees have shown improvement in their 2nd internal test. Attendance is also good.
1		6	C. LALRAMDINA	7	0	0	All of them are improved in 2nd internal exam. But they still can do better. Their attendance are not bad.
		7	MARIA LALHMINGMAWII	7	0	0	Great improvement shown in attendance and overall performance of students
		8	LALRAMMAWII	6	2	0	
		9	LALRINNGHETI RALTE	5	0	0	
		10	MIMI LALMUANAWMI	5	2	0	Improvements in both marks and attendance are seen in all the mentees, but the attendance of two of the mentees are still lower than 75% due to their low attendance in the month of March.
		11	REBECCA LALNUNTLUANGI	4	1	0	One student attendance is less than 75% due to network problem.
		12	C ZARZOKIMI	7	1	0	Improvement is seen in academic for all mentees . There is 1 student less than 75% attendance due to poor network and she could not

							attend some classes
		1	DR. ARUP KUMAR	13	0	0	All students Improved
		2	DR. ROSANGLIANA	10	0	0	All students are well improved in studies & attendance
2		3	M.I. SINGH	11	2	1	Almost all the students have shown great improvement in the 2nd test by making excellent and outstanding progress in their marks. They are unlucky that they did not have a chance to go to college for offline classes due to Covid-19 Pandemic ever since they joined the college thereby affecting their education, yet they gave good performed. I am very happy and grateful to be a mentor of these students, and I truly have enjoyed almost for two years as their mentor.
		4	REMLALSIAMA	13	1	0	Almost all students are able to study properly. None of them have issues that require special attention. I find improvements in Mark scored as well as attendance.
		5	DR. LAWRENCE ZONUNMAWIA	15	0	0	There is an overall improvement in performance of the student both in mark and attendance.
		1	DR. C. ZORAMTHARA	11	1	1	Ø Almost all student improve their attendance and Internal marks Ø One student was not attempting IInd Internal examination due to family problem Ø Most of the students have problem regarding weak internet connection Ø One student was Home quarantined due to positive contact of CoVID-19 patient but not get infected.
3		2	DR. C. LALMUANKIMI	8	0	0	
		3	LALTLANKIMA	10	5	0	Some students show improvement in internal exam it may be due to online exam, 5 students are under 75% it shows increased absence from class. The matter will be discussed in mentees online meeting

		4	DR. LALREM RUATFELA C.	15	2	0	All mentees show improvement in overall test performance and attendance. However, since online tests are conducted for 2nd internal, this may be one of the reasons for such progress. Mentees are advised to study hard for final exams and to prioritise knowledge more than marks and to take exams without cheating even in online exams.
		1	LALTLUANGKIMI HNAME	8	0	0	Internals: All the mentees showed improvements although there is one student who needed more encouragement. The mentor hopes that the mentees will do well and get good results in the finals and has encouraged all the mentees and talked to them privately after the marks were published.
		2	LALRINSANGI NGHINGLOVA	8	0	0	All of them have made significant improvement in their second test. Some of them have the potential to do very well at the university examinations. Their class attendance is also satisfactory
		3	LALMALSAWMI CHHANGTE	4	0	0	Extremely glad to see significant improvements in terms of test performance and attendance in all my four mentees. One of them tested covid positive and is being treated in their village CCC. However, I am happy to report that she is doing very well physically and mentally.
		4	LALRINPUII ROKHUM	8	1	0	Compared to their first internals, all my mentees have done well and have shown quite an improvement in their second internals. They are more sincere in their studies. Proud of them.
		1	DR. R. LALENGMAWIA	13	1	0	Improvement in academic and attendance as a whole could be seen
		2	ZODINPUII	4	0	0	My mentees are improving in their performance, except one i.e., Laltlanzovi, and it was because she went home

							to North Vanlaiphai the day before Botany exam,till now she is in the quarantine centre .
		3	LALTLANCHHUNGI	12	0	0	Some students have internet problem
		4	LALRINTLUANGI	12	0	0	They all did quite well in the 2nd Internal test as compared to 1st internal test and this time they all cross 75% in attendance.
5		5	MARY LALTHANSANGI	13	1	0	Most of the mentees have shown improvement in their 2nd Internals and attendance
		6	LALREMRUATI HMAR	10	1	0	Most of them showed improvement in marks and attendance, improvement in mark may be due to online exams, and some has decreasing attendance due to internet problem, where all classes are taken in online mode.
		7	LALNUNTHARA	9	0	0	All mentees did better than first test. May be because of online mode.
		8	DR. LALTHANPUII HNAME	8	2	0	Attendance and marks were improved comparing to 1st CAT, except Roll no 32 and 43, attendance is low due to health and family problem.
		1	PROF. B. ZOLIANA	PRINCIPAL			
6		2	DR. RICKY LALHMANGAIHZUALA	10	4	0	<ul style="list-style-type: none"> <li>• Most students score higher mark than 1st CA.</li> <li>• No Student Score Mark less than 40%.</li> <li>• Students less than 75% attendance is less than the previous report. (6 in Previous report).</li> </ul>
		3	DR. ROHMINGLIANA P.C.	11	1	0	1. Most of them improved in their marks and attendance while some students were not improved. 2. Physical and Mental health Condition: All of them are in Good Health Condition. 3. Financial Issue: All of them does not have problem. 4. Problem related to studies: Some students does not have problems while some of them have problems in Mathematics and Physics. 5. They are informed and motivated to study hard and to prepare for the End

							Semester Exam.
		4	DR. LALRINMAWIA PUNTE	13	3	0	Most of the students have improvements
		5	REGINALD VANLALCHAKA	12	1	0	1. All mentees have revamped their respective Marks conspicuously; some students improved their marks by more than 100% 2. One student has attendance less than 75% due to illness as mentioned in the remark column 3. One student has left the college on account of JEE Exam
	7	1	L.B. SINGH	32	0	0	
		2	PARIJAT KUMAR	12	1	0	Sincere
		3	DR. LALAWMPUII	13	1	0	Most of the students made an improvement in the 2nd Internal Exam and can still do better with more hard work.
		4	LALTLANHLUI	13	1	0	Overall attendance is good. All mentees improved as compared to 1st Internal.
		5	DAVID ROSANGLIANA	10	1	0	All of them have improved in 2nd internal test compared to 1st internal test.
	8	1	DR. LALHMINGLIANA HNAME	15	1	0	Network issues to maximum students due to poor power supply and location. Drop in discipline and concentration due to online class.
		2	ZONUNTHARI	6	2	1	
		3	DR. K.B. SINGH	15	1	0	Attendance is poor due to network problem in his village.
		4	R LALRAMENGZAMI	15	4	0	They complain about Poor internet connection . According to internal test they improved a lot ,their marks are quite better than the first internal test
		5	DR. LALSAIMAWIA SAILO	13	0	0	All my mentees can appear in their second test without problem and have made impressive improvement. Their attendance is also good.
		6	DR. SAMUEL LALLIANRAWNA	13	1	2	Esther Lalchhanchhuahi joined class late due to fever thus affecting her overall attendance.
		1	DR. M.S.DAWNGLIANI	11	3	2	One student was not able to attend the class regularly due to his mother's operation

		2	LALHRUAITLUANGA	8	4	0	
		3	C. LALRINAWMA	10	6	0	All of the students improves in their studies but feels to have problems in Online classes and some have internet connection issues.
		4	LALDINGLIANA SAILO	9	3	0	I contacted Laltlanhlua (rno 40) .He has a lot of excuses including network problem and family problems due to lockdown. I told him to study harder than before,otherwise he will not passed in the final exam.
9		5	R.LALMAWIPUII	10	2	0	Improvement in academic and attendance as a whole could be seen.
		6	LALSANGZUALI	9	2	0	All are making improvement in their second test. Except 2 students, all mentees maintain good attendance.
		7	H.THANGKHANHAU	10	2	0	Overall performance increase in terms of marks and there is no failure in second internal test exam. Number of students less than 75% is increase from 1 to 2 and were informed to attend the class regularly.
		8	VANLALLURA	10	0	0	Good
		1	CAROLINE ZAIHMINGTHANGI	14	1	0	One mentee,Lalruatkimi Roll No. 121 is getting better and she is attending monthly check up to ZMC,Falkawn . Others are not facing problem.
		2	DR. LALZAHAWMI CHENKUAL	12	2	0	My mentees have shown great improvement, both in attendance and internal marks. Due to online mode of classes, some of them have internet problems, but their improvement in second internal examination is remarkable.
		3	H.LALNUNSANGI	12	0	0	All are improving in their tests, but only one student score 90 %
10		4	S. THANGRIMAWII	17	6	1	1. I have a meeting with my mentees and enquire if they have any problems during this period of total lock down due to Covid-19 pandemic. Happy to know that they are good. 2. I have also sent their marks of first and second internal test to their parents. They are happy to see the progress of their children

							and appreciated mentoring system very much. 3. My mentees have shown significant improvement in the second test as compared to the previous performance. 4. Six of them are having problems of internet connection which result to poor attendance and scored less than 75%.. 5. One of my mentees, Lalramdina needs financial assistance and reported to Students Support Committee.
		5	SAILOPUII	8	0	0	They have made great improvement in the second Internal Test. Attendance is also good
		6	LALRINMAWIA	11	0	0	Very good in academic record and no specific problem
		1	DR. FANAI LALSANGLUAI	8	3	1	
		2	LALROSANGPUII	8	0	0	1.Laldingiani has left the college to join Civil Services coaching classes, 2.John Henry has not seek admission since 3rd Semester ,he has been contacted and asked to join the college, but he hasn't responded 3. The rest of the mentees are regularly attending classes and their performance in the second internal test is quite satisfactory but there is lots of room for improvement for each student.
		3	K.ZOSANGPUII	8	0	0	Improvement is seen in both test mark and attendance for every student.
11		4	DR. REBECCA VANLALSANGI	10	2	1	<ul style="list-style-type: none"> <li>All the mentees were contacted and discussion was made on their March attendance and 1st Internal performance, looking forward to see improvement in the upcoming test.</li> <li>HD Lalruatfeli plans to join other fields of study</li> <li>FH lalvenhima attends coaching class along with college and hopes to clear technical entrance test</li> <li>Overall attendance and performance in internal test</li> </ul>



							<p>is found to be satisfactory for all mentees.</p> <ul style="list-style-type: none"> <li>• Fortunately all of the mentees were found to be financially stable, with a family that truly supports them.</li> </ul>
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## 7. RESEARCH AND PUBLICATION DURING 2020-2021

Sl. No	Name of Faculty	Department	Paper Name	Journal
1	Lalrinsangi Nghinglova	English	Unsung Heroes	Lockdown Literature from Mizoram. First Edition, ISBN: 978-81-949985-5-6
2	Lalrinsangi Nghinglova	English	Where home is a battlefield: Exploring the nuance of domestic violence in Biakliana's Lali	Mizo Studies, published by Prof. R. L.Thanmawia on behalf of Dept. of Mizo, MZU. Volumn 10. No 2. April-June 2021. ISSN 2319-6041
3	Lalrosangpuui	Biochemistry	A review on the phytochemical properties of five selected gr=enera of orchids	Science Vision, Volumn 2021, issue 2, pages 50-58. <a href="https://doi.org.10.33493/scivis.21.02.04">https://doi.org.10.33493/scivis.21.02.04</a>
4	Dr. C. Lalremruatfela	Geology	Impact Assesment of Dam site for alternate water supply scheme of Aizawl city (gravity) in Tawi Mizoram, India by UAV-based photogrammetry	Divergent issues and Changer. Volumn I, published by Research and Extension Cell, Govt. Johnson College, Aizawl Mizoram
5	Dr. C. Zoramthara	Geology	Impact Assesment of Dam site for alternate water supply scheme of Aizawl city (gravity) in Tawi Mizoram, India by UAV-based photogrammetry	Divergent issues and Changer. Volumn I, published by Research and Extension Cell, Govt. Johnson College, Aizawl Mizoram
6	Dr. C Lalmuankimi	Geology	Petrological, Environmental Deposition and Tectonic study of bhuban sandstones in Neogene sucession of Aizawl Mizoram	Journal Geological Society of India, Vol. 97, August 2021, pp.907-914
7	Dr C Zoramthara	Geology	Geochemical Appraisal on History and evolution of barail sandstones of Zote-Ngut, Champhai District, Mizoram, India	Scienc and Technology Journal, Vol 9, Issue: 1 anuary 2021, ISSN: 2321-3388
8	Dr. C. Zoramthara	Geology	Neogene Shallow Marine Sediment Dispersal, Burial and Exhumilation in the Ancestral Brahmaputra Delta: Indo-Burma Ranges, India	Journal of Sedimentary Research- Elseiever, 2020. Vol <b>90</b> : 1-20 pp (International)
9	Laltlankima	Geology	Landslide hazard zonation along sesawng Village and Seling Village , Thingsulthliah Rd	Indian journal of Natural Sciences. Vol. <b>12</b> / Issue 65 (National)

			block, Aizawl District.	
10	Dr. Rebecca Vanlalsangi	Biochemistry	The 2,2' Dipyridyl-Induced Iron Starvation and its Effects on Growth and Photosynthesis in Cyanobacterium <i>Nostoc punctiforme</i> ATCC 29133	Science and Technology Journal, Mizoram University, July 2020
11	Lalrinsangi Nghinglova	English	Indigeneity and Religion: The Mizo Context	Journal of Literature and Cultural Studies ISSN 2348-1188
12	Lalrinsangi Nghinglova	English	<i>Tribal Jurisprudence and literature: Study of the Mizo Customary Law in select Short Stories</i>	Journal of Literature and cultural studies ISSN 2348-1188
13	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. <b>ISSN: 2321-9653.</b>
14	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. <b>ISSN: 2321-9653.</b>
15	Dr. Lawrence Zonunmawia Chhangte	Physics	Measurement of Natural Radioactivity using NaI (TI) detector in soil samples of Oil Exploration areas of Mizoram, India.	Advances in Environmental Research of Northeast India. ISBN: 978-93-892-6210-0.p. 54-62
16	Remlalsiama	Physics	Measurement of natural Radioactivity Using NaI (TI) Detector in Soil Samples of Oil Exploration areas in Mizoram, India.	Advances in Environmental Research of North East India 2020. Pages:54-62 Pachhunga University College, Aizawl. <b>ISBN – 978-93-892-6210-0.</b>
17	Dr H Lalremruata	Physics	Radiofrequency power dependence of an oscillator use in an ion source	Journal of Instrumentation (JINST) 16 P08024. <b>ISSN: 1748-0221</b>

## 8. ACTIVITIES AND ACHIEVEMENTS OF VARIOUS SUB COMMITTEES

### I. IQAC

#### Members:

Chairman	:	Prof. B. Zoliana, Principal
Coordinator	:	Lalrinsangi Nghinglova
Assistant coordinators	:	Dr. Lawrence Zonunmawia Dr M.S. Dawngliani
Members	:	Lalsangkimi Hmar Dr R Lalengmawia Dr.Lalhmingliana Dr. Lalzahawmi Chenkual
Webmaster	:	H. Thangkhanhau

One Nominee from

- (1) Employer – QAC Co-ordinator, H&TE
- (2) Industrialist – Director, Zonun Matply PVT Ltd
- (3) Stakeholder/Parent- Zonunthari

External Members : Prof.Lalnundanga, Registrar,MZU  
J.H Zoremthanga, Chairman MBSE

#### 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:

- 1.Submitted AQAR to NAAC for all relevant years
2. Organised National Level Faculty Development Programme in association with IIT Bombay spoken tutorial under PMMMNMTT during 24<sup>th</sup> -28<sup>th</sup> August 2020.
3. Grouping of students done for mentoring system.
4. Published Yearbook 2020.
5. Feedback from Alumni and teachers were collected.
6. Academic Calendar for session 2020-21 (odd semester) was prepared.
7. Uniform Monthly teaching report and lesson plan format were prepared for all teaching faculty. The format has been adopted by the Directorate of Higher& Technical Education.
8. AAA (internal and External) for 2019-2020 prepared.
9. Best Department was awarded to Geology Department.
10. Collaborated with IIT Bombay for conduct of online add-on courses.
11. Organised online Parent-teacher Meet.
12. Conducted online Mentor –mentee Meet

13. Observed National Education Day 2020 by organizing webinar for faculty and students in collaboration with Research and Seminar Committee.
14. Incubation Centre initiated to cater to start up project initiated by Sir Reginald in the month of June 2020.
15. Submitted IIQA to NAAC on 21<sup>st</sup> May 2021 and subsequently prepared SSR and DVV
16. Faced External AAA conducted by Higher and technical Education, GOM and secured 71.6 % with an institutional points of 1074.

## II. EXAMINATION

### Members:

Chairman : Principal

Secretary : Dr Rosangliana

Dr. R. Lalengmawia

H. Lalnunsangi

Lalrammawii

C Lalrinawma

### Objectives:

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

### Activities:

- i) Due to pandemic Covid-19, all exams were conducted in online mode. End semester exam were conducted from the college as per the procedures made by the University.
- ii) Saved and compiled all cumulative internal marks in theory and practical.
- iii) Conducted (two times) online internal tests in all Departments in every semester.
- iv) The committee took responsibilities in all Exam matter in the College.
- v) The end semester Exam during reporting period was conducted smoothly in online mode.
- vi) All the compiled/final marks (1<sup>st</sup> and 2<sup>nd</sup> year) were uploaded to the University portal provided by the MZU authorities.
- vii) Cooperated with and communicated several times with the University Exam officials regarding Exams matters.
- viii) Attended Meeting on Exam matter organized by Exam Department, MZU
- ix) For the final semester exams, computer hardware, printing facilities, electric power requirement for stable Internet signal etc., are pre-arranged before exams.
- x) All the final semester examination paper/PDF was printed out and sends them with mandatory documents to the University for evaluation.

### 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. Accommodation of students for 1 Semester.
2. Change of Account Holder's name of A/c no 10763534129ai SBI, Main Branch for online payment for admission.
3. Publication of Admission Notice
4. Criteria for Direct Admission.
5. Matter regarding selected students who have not paid their fees within the stipulated time.
6. Fixing of date to make final selection of candidates.
7. Selection of students after going through their application.
8. Fixing a date for selected students to pay admission fees. Prepared waiting list of students who may be admitted according to availability of seats after selected students are admitted.
9. Selection of students for Home Science and BCA streams.
10. Upgrading the College Admission website.
11. Appointment of Mr. David Sailo to work on monitoring of the admission portal with the webmaster.
12. To make 1 & 2 lists of selection of candidates for admission according to percentage of marks obtained in Hsslc examination (1list- 55% of marks from science theory papers and 2 list-50%. 3 and final list to be decided by Admission Committee)
13. Home Science and BCA will make their selection within their respective departments.
14. Provision for Persons with benchmark disabilities will entail 25% waiver in marks and 50% waiver in admission fees.

#### IV. AISHE

##### Members:

Nodal Officer : Dr. Lawrence Zonunmawia Chhangte

##### Objective:

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

##### Activities:

A new format of online DCF was successfully uploaded on 13<sup>th</sup> December 2021, after the portal was open on 10<sup>th</sup> December 2021. Our institution was the first to upload the required data to the AISHE portal from Mizoram and was acknowledge with certificate (below) on 13<sup>th</sup> January 2022.





## **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. There are no specific activity to record as campus was not open for offline classes due to the pandemic.
2. The Anti-Ragging and Grievance box was empty during the reporting 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. SU Election was conducted using Google Form on 24<sup>th</sup> October 2020
2. Transfer of SU Charges conducted in Professors' Common Room on 20<sup>th</sup> November 2020

## VII. GAMES AND SPORTS

### Members:

Chairman: C. Zoramthara

Secretary : Dr. Lalhmangaihzuala

Dr KB Singh  
Dr. Lalzahawmi Chenkual  
Zarzokimi  
LB Singh  
Dr PC Rohmingliana  
Lalrosangpuii  
C Lalrinawma  
Laltlankima  
David Rosangliana

### Objectives:

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

### Activities:

1. Students Union Leader's Online Election was conducted on 26<sup>th</sup> October, 2020. In this election, Indoor and outdoor Games and sports Secretaries were elected as under:

INDOOR SECRETARY	- Lalfakawma, V Sem B.Sc
Asst. INDOOR SECRETARY	-Lalthazuala, III Sem B.Sc
OUTDOOR SECRETARY	-Raymond Vanlaltluanga, V Sem B.Sc
Asst. OUTDOOR SECRETARY	-T. Lalrammawia, III Sem B.Sc

2 . Organized Futsal tournament which was held at TB Park and KK futsal ground, Durtlang on 29<sup>th</sup> March, 2021 and the final match was held in Electric Veng YMA Hall on 9<sup>th</sup> April, 2021.

3. Organized online Mobile Legend Tournament during 26.04.2021- 08.05.2021

4. The 19th Annual University Sports Meet was held during 18th-19th march 2021. Because of the Pandemic only three selected disciplines were conducted in this annual sports meet.

**VIII. COLLEGE MAGAZINE****Members:**

Chairman: Laltluangkimi

Secretary : Lalmalsawmi Chhangte

Lalthanpuii Ralte

H Thangkhanhau

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

**Activities:**

Collection of articles was done and requests were made to the faculty to contribute articles etc.

1. Editing and proofreading of the collected materials by the members of the committee, press selected.
2. Preview of final edit.
3. Release of the magazine on 3<sup>rd</sup>December, 2020 at the Principal's office in the presence of the Chairman, Mrs Laltluangkimi Hnamte and our editor, C. Hmangaihropuia.
4. Due to the prevailing pandemic, there cannot be physical meetings. Hence the committee had to resort to virtual meetings via whatsapp.
5. The very competent editor sent activities that could be carried out online and the committee gave advice and provided assistance as and when necessary. Some members of the committee acted as judges for these online competitions.
6. Appeal was made to the teaching faculty to contribute articles etc for the magazine.
7. Group photo which is a regular feature in the magazine could not be taken and hence, photos of teachers were collected through email and whatsapp.

## IX. DEBATING, SOCIO-CULTURAL

### Members:

Chairman: Lalthanpuii Ralte

Secretary : R. Lalramengzami

Dr Arup Kumar  
Laltluangkimi Hnamte  
Lalrinsangi Nghinglova  
Lalmalsawmi  
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 was having Introductory meet with Students **on 30<sup>th</sup> October, 2020 through online mode of meeting.** Four represented students attended the meeting.
2. Awareness on Senhri Cultural Club by Student Union and also taking responsibility of new enrollments.
3. Due to Covid-19 Standard Operating Procedure (SOP) it is not possible to conduct competition in physical mode. It was decided that online Competition will be organized during this ongoing semester. The proposed items are:  
Essay writing (English and Mizo), Poster making, Poetry, Photoshoot (Mizo hnamzia pholang thei leh Mizo thuam in bel), Song composition (Mizo hla in phuahsiak), Quiz and Senhri Cultural club logo making. And accordingly, the online-competition started from 17<sup>th</sup> December, 2020.
4. Due to the prevailing Covid-19 pandemic and Standard Operating Procedure (SOP) put in place it is not possible to have activities and meetings in physical mode. All the meetings were conducted through online mode.
5. Despite that Pandemic, online competitions for students were organized by the committee. Some committee members were appointed as Judges and also invited from outside the committee. Cash prizes were distributed for the first three winners and certificate of participation were given to all participants.

## **X. SPIRITUAL COUNSELLING**

### **Members:**

Chairman: C Lalramdina

Secretary : Laltlanchhungi

Lalhruaitluanga

Lalrinngheti Ralte

Lalhmmingliani Hlondo

Lalrintluangi

Dr Lalhmangaihzuala

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) Organised Online mass prayer for teaching and non teaching staffs on 14<sup>th</sup> September 2020.
- 2) Helpline for Student's Mental Health and Psychological Guidance on Covid-19 pandemic was created and made operational.
- 3) Online mass prayer for the students of Zirtiri College, who are facing the upcoming University examination was organised on 31<sup>st</sup> May'21 among the Zirtirians.

## **XI. REFRESHMENT**

### **Members:**

Chairman: Mary Lalthansangi

Secretary : Maria Lalhmingmawii

Lalrintluangi

R Lalmawipuii

Dr Lalmuankimi

Dr Lalmangaihzuala

Dr. Ricky Lalmangaihzuala

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:**

Activity of Refreshment committee is Nil due to Pandemic as there are no physical activities organised.

**XII. DECORATION & HALL ARRANGEMENT****Members:**

Chairman: Lalsangliani Khawlhling

Secretary : Rebecca Lalnuntluangi

Lalrinngheti Ralte  
Lalhmingliani Hlondo  
Vanlallawmi  
Parijat Kumar  
Lalthanzuala  
Mimi Lalmuanawmi  
K Zosangpuii  
Fanai Lalsangluaii

**Objectives:**

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

**Activities:**

On 15<sup>th</sup> April 2021, the committee was appointed to make banner and arrange necessary decoration at GZRSC Durtlang Campus and Inauguration of Academic Block-I Building by Chief Minister, the committee made necessary arrangement for the said programme but due to Covid19 pandemic situation the programme was cancelled and the activities could not be carried out.



### **XIII. SECURITY**

#### **Members:**

Chairman: C. Lalramdina

Secretary : C Lalrinawma  
Sailopuii  
Lalhruaitluanga  
Zodinpuui  
L B Singh  
Dr Ricky Lalmangaihzualla  
Remlalsiama  
Lalnunthara  
R Lalramengzami  
Dr. Lalmangaihzualla  
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:**

Awareness of the Institutional Code of Conduct for Staff and Students designed and prepared by IQAC was disseminated to students and staff through whatapps and uploaded to the college website.

**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) Purchased a new Bajaj Microwave Oven for Professor's common room from the previous sanctioned amount of Rs 9000. It has been installed in the Professor's common room.
- 2) New Guidelines for Canteen Management is proposed and draft copy was finalized during the last committee.
- 3) Following are the various activities proposed by the committee, which hopefully will be made possible once the Pandemic is over-
  - i) Competitions and Incentives.
  - ii) Lucky prize draw, healthy lunch item
  - iii) Flyers/ posters design competition promoting healthy

**XV. LIBRARY****Members:**

Chairman: Principal

Secretary : Librarian, GZRSC

Asst.Secretary : T. Zothangpuii

Dr. Arup Kumar

Lalrammawii

Lallungmuana H.A.

Genenral Sec., S.U

Laltlankima

Lalrosangpuii

M.I. Singh

**Objectives:**

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

**Reports and Activities:**

- 1.Dr. Esther Lalnunpuii was appointed as temporary Librarian on 8<sup>th</sup> October, 2020 through interview with the presence of expert, Chairman and three members.
2. New book racks and new computers (4 desktop computers) were installed in library for student's use.
3. New computer and internet connection were provided for new librarian.
4. New Opac was installed in our library.
4. N-lists was subscribed for our college library.

**XVI. RECEPTION****Members:**

Chairman: Laltlanchhungi

Secretary : Remlalsiama

Zodinpuii

H Lalnunsangi

Caroline Zaihmingthangi

Dr K B Singh

Rebecca Lalnuntluangi

Mimi Lalmuanawmi

Dr. R Lalawmpuii

**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. Due to the spread of Covid-19 classes were conducted online and educational institute remained closed. As such there are no duties to perform.
- 2. The committee is ready to perform any duty assigned thus.

**XVII. 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. Unanimously decided to continue hiring our cleaner despite difficulties faced.
2. Resolved to sensitize our students through whatsapp groups to maintain cleanliness wherever they are.
3. Made a fervent appeal to our students via whatsapp to practise a clean and healthy way of life and environment on the occasion of Gandhi Jayanti, 2nd October, 2020
4. Cleanliness drive and plantation visit at Durtlang Campus.
5. Mass Cleanliness Drive on 3<sup>rd</sup> and 4<sup>th</sup> March, 2021 at college premises.
6. Classroom inspection, checking of cleaning kits, tools etc was done on the 1<sup>st</sup> week of March.
7. Preparation of classroom sweeping roster among students.
8. New dustbins of different sizes were purchased. Waste segregated carefully and awareness regarding this was painstakingly carried out among students and faculty alike.
9. Durtlang campus cleaning was carried out on 7<sup>th</sup> April, 2021
10. Waste management cum Cleanliness Week was observed and concluded on 17<sup>th</sup> April, 2021.

**XVIII. 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. The ICT Committee is committed to provide support in ICT matters wherever necessary, during the reporting period.
2. The committee looks after the college website by uploading content whenever required. Many updates happened during the reporting period. The contents to be updated came from different sources, prominently the Principal, IQAC, and various college committees and cells.
3. The IQAC needs various contents to be uploaded to the college website to generate links to prepare for NAAC accreditation. The ICT committee is working closely with IQAC in uploading contents and for the generation of links.
4. Due to the Covid-19 pandemic, online classes need to be conducted by all the departments and teaching faculties; support is given wherever required for smooth conduct of online classes.
5. Some departments like English, Chemistry, Botany, etc., and research committees need Enterprise Google Meet Account to accommodate more than 100 participants up to 250 participants. The ICT Committee is taking all necessary steps, and the Enterprise Google Meet Account is created, and technical support is given to all of them.
6. For the smooth running and better performance of our College website a new hosting plan was bought.
7. In order to execute the online admission 2021, a new admission portal has been developed and implemented <https://gzrscadmission.in>.
8. New internet (broadband) connect (JIO FIBER 3nos) was installed in the campus.

**XIX. ALUMNI****Members:**

Chairman: Dr. Lalzahawmi Chenkual

Secretary : Dr. P.C. Rohmingliana

Lalrinsangi Nghinglova

Dr. C Lalremruatfela

Remlalsiama

Lalremruati Hmar

Maria Lalhmingmawii

Dr.Lalhmingliana Hnamte

C Lalrinawma

Dr. R Lalawmpuii

**Objectives:**

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

**Activities:**

Alumni Day was celebrated on 1<sup>st</sup> August, 2020 by conducting Webinar with a theme “*My Success Story*” by inviting three Resource Persons from our Alumni members, viz.

1. C. Lalremruata, MBA, IIM, Rohtak (System Analyst, Iquanti Digital Bangalore).
2. Rochuangkimi, (MCS), Under Secretary, GAD, Govt. of Mizoram.
3. R. Vanlalauvi, Guest Faculty Extension Education & Rural Development, MZU.

## XX. RESEARCH & SEMINAR

### Members:

Chairman: Dr. Lalzahawmi Chenkual

Secretary : Dr. Ricky Lalhmangaihual

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. The committee organised '*5-Days Faculty Development Programme on E-Teaching*' during 30<sup>th</sup> July – 4<sup>th</sup> August, 2020 at Govt. Zirtiri Residential Science College.
2. In collaboration with Department of Home Science, GZRSC, the committee organised National webinar on '*Diet for Building Immunity and Documentation of Lusei Traditional Textiles*' on 29<sup>th</sup> October, 2020.
3. The committee organised '*National Webinar on Gender Issues*' on 30<sup>th</sup> October, 2020 in collaboration with Women Studies Committee, GZRSC.
4. The committee organised '*National Webinar on Intellectual Property Rights*' on 5<sup>th</sup> November, 2020 in collaboration with Intellectual Property Rights Committee, GZRSC and Mizoram Science Technology and Innovation Council.
5. The committee organised '*Celebration of National Education Day 2020*' on 11<sup>th</sup> November, 2020. This Webinar was supported by IQAC, GZRSC.
6. The committee organised '*National Webinar on Bioresources and Climate Change*' on 17<sup>th</sup> November, 2020 in collaboration with Department of Zoology, GZRSC and Department of Electronics, GZRSC.
7. The committee organised '*Two Days Seminar For Observing National Science Day 2021*' on 10<sup>th</sup> and 11<sup>th</sup> March 2021 at Govt. Zirtiri Residential Science College in collaboration with MISTIC.
8. The committee organised '*5 Days Faculty Development Programme for Teaching and Non Teaching Staff*' on 5<sup>th</sup> - 9<sup>th</sup> April, 2021 at Govt. Zirtiri Residential Science College in collaboration with IQAC, GZRSC.
9. The committee organised '*International Webinar on Ecosystem Restoration - Reimagine, Recreate and Restore*' on 5<sup>th</sup> June, 2021 at Govt. Zirtiri Residential Science College in collaboration with Dept. of Zoology, GZRSC



## XXI. DISASTER MANAGEMENT

### Members:

Chairman: Dr. C. Lalremruatfela

Secretary : Laltlankima

Lalsangliani Khawlhing

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. Due to frequent earthquake in the Eastern parts of Mizoram during June and July 2020, Disaster committee and Geology Dept.collaborated with LPS Focus Mizoram Talkshow to shed light on the Tectonics of Mizoram and to spread awareness on earthquake risk, pre and post mitigative measures. Panel consisted of Dr. C. Zoramthara, Dr. C. Lalmuankimi, Dr. C. Lalremruatfelafrom Dept. Geology, GZRSC and Pricilla Rinmuanpuii Geologist (Geological Survey ofIndia) and Mr F.Lalbiakkima, Joint Director (Geology andMineral Resources, Govt. of Mizoram).
2. Disaster committee &Geology dept. GZRSC collaborated on investigation of Zemabawk landslide on 7. 10.2020. Survey was conducted in and around the area identifying the type of mass movement and Suggestions were givento the Local Council members. The team also shared their findings on the Structural stability and immediate mitigation measures to Dr. H. Lallenmawia, SeniorConsultant, Disaster Management and Rehabilitation Dept.Govt. of Mizoram.
3. Prepared flyers for the upcoming landslide season. The committee will also take necessary action and provide technical assistance (if required) in case of disaster related activities.

**XXII. VILLAGE & SCHOOL ADOPTION****Members:**

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

**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. A Project proposal for Career Guidance Programme on 7<sup>th</sup> April, 2020 at Rosebud School, Ramhlun, Aizawl was made.
2. *Guidance and Counselling Towards Higher Studies Programme* was successfully organized on 23<sup>rd</sup> February, 2021 at Rosebud School, Ramhlun, Aizawl.

### XXIII. WOMEN STUDIES

#### Members:

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

#### Objectives:

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

#### Activities:

1. Gender ambassadors appointed from new students.
2. Organized National webinar on gender issues.
3. Developed Gender sensitization Plan.
4. Conducted online training for gender ambassadors.
5. Uploaded specific facilities for women.

## XXIV. INTELLECTUAL PROPERTY RIGHT

### Members:

Chairman : Dr. Lalhmingliana Hnamte  
 Secretary : 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. National Webinar on Intellectual Property Rights was held on 5<sup>th</sup> November 2020 jointly Organized by IPR Committee and Research and Seminar Committee, GZRSC in collaboration with MISTIC, Dept. of Science & Technology, Govt. of Mizoram.
2. Members of IPR Committee participated in
  - a) Free IP Webinar World Intellectual Property Day held on 26<sup>th</sup> April 2021
  - b) One day National Seminar on Intellectual Property Rights (IPR) and its related issues on 15<sup>th</sup> July 2021.
3. Upload meaning and goal of IPR at college website

**XXV. CAREER COUNSELLING, PLACEMENT & STUDENT'S SUPPORT****Members:**

Chairman	: Zodinpuui
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. Financial Aid was given to 1 student on 10<sup>th</sup> July 2020 and the committee got him a temporary work to support himself (construction work).
2. Financial aid given another student on 21<sup>st</sup> July 2020
3. Our student Lalrinhlui who was admitted with serious illness was given Rs 10000 for hospital expenses on 20<sup>th</sup> August 2020 from the student support fund on behalf of the entire college. Unfortunately, she succumbed to her illness.
4. The money collected for farewell dinner amounting to Rs 21000 was handed over to Heads of Department for farewell gifts.
5. Admission fee for a 3<sup>rd</sup> semester student who was unable to pay her fees was credited to her account on 26<sup>th</sup> September 2020
6. Online CCC class was held for the 9<sup>th</sup> Batch of students
7. Sir Lalhruaitluanga facilitated placement interview with Indusland Bank, Aizawl branch on 24<sup>th</sup> November. However, our students were not successful.
8. 12 students were given endowment fund amounting to Rs 5000 each as per committee decision on 11.12.2020
9. 13 students were provided work (cleaning of new campus) during 21<sup>st</sup> & 22<sup>nd</sup> December 2020. Those in need of work were identified through mentoring system.
10. EU volunteers were provided cleaning work (inhlawhna) at new campus for 3 days.
11. Conducted CCC. Total enrolment: 82
12. Conducted Online Personality Development Course during 28<sup>th</sup> June -1<sup>st</sup> July 2021
13. Provided endowment fund to 17 students at the rate of Rs 5000 each
14. Policy for students support was drafted and accepted

**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. Hydroponic system of cultivation of edible plants undertaken at home by members.
2. A more comprehensive set up of hydroponics to be started once the greenhouse is functional.
3. Observed Gandhi Jayanti, 2<sup>nd</sup> October, 2020 where the members of the club engaged in talks and conducting Gandhi quiz in different classes.
4. Greenhouse was set up at the Durtlang campus today, the 25<sup>th</sup>, November, 2020.
5. Greenhouse visit to verify the necessary materials for the greenhouse on 2<sup>nd</sup> Feb, 2021.
6. Leveling of the greenhouse ground on 8th Feb, 2021.
7. Pot stands ordered on 4th March, 2021.
8. Pots and gardening tools purchased on 17<sup>th</sup> April, 2021

## XXVII. NATIONAL SERVICE SCHEME (NSS)

### Members:

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

### Objectives:

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

### Activities:

1. On 17<sup>th</sup> July, 2020, **Green Mizoram Day** was observed by cleaning, fencing and planting of trees at the Plantation site, Hmuifang Road.
2. **Meeting of NSS Programme Officers** was held on 6<sup>th</sup> August, 2020 in the office room of State NSS Officer cum Deputy Secretary, NSS Cell, Mizoram.
3. On 12<sup>th</sup> August, 2020, **Voluntary Blood Donation** for Civil Hospital, Aizawl was conducted at Civil Hospital, Aizawl.
4. **"Celebration of 51<sup>st</sup> NSS Foundation Day 2020"** on 24<sup>th</sup> September, 2020 at Aijal Club, Aizawl. Organized by State NSS Cell, Mizoram.
5. **"Online Orientation for NSS Volunteers 2020"** was organized on 17<sup>th</sup> November, 2020 through Google Meet Apps and Youtube.
6. Donated blood for Civil Hospital Blood Bank Aizawl on 1<sup>st</sup> December, 2020
7. On 23<sup>rd</sup> Feb 2021 Blood donation was conducted for Civil Hospital Blood Bank organized by State NSS Office.
8. On 24<sup>th</sup> Feb 2021 Fire Prevention Week organized by SNO was observed at NSS plantation (Hmuifang rd.). Cleaning and re-fencing of plantation site was conducted.
9. On 3<sup>rd</sup> and 4<sup>th</sup> March 2021 Mass Cleanliness Drive was conducted in and around college campus. This program is organized in collaboration with Eco Club and Cleanliness and Sanitation committee.
10. On 3<sup>rd</sup> March, 2021 two (2) Programme Officers and Five (5) volunteers participated at the **"Workshop on Swacchata (Cleanliness) for NSS Programme Officers and Volunteers"** at Aijal Club, Aizawl. Organized by regional Directorate of NSS, Guwahati & State NSS Cell, Mizoram.
11. Waste Management Campaign/Cleanliness week was organized during 12<sup>th</sup> to 16<sup>th</sup> March 2021 in collaboration with Eco Club and Cleanliness and Sanitation Committee.
12. On 29<sup>th</sup> March, 2021 three (3) Programme Officers and Sixteen (16) Volunteers participated in **"Workshop on Swacchata (Cleanliness) for NSS Programme Officers and Volunteers"** at Govt.

Zirtiri Residential Science College, Aizawl organized by Regional Directorate of NSS, Guwahati & State NSS Cell, Mizoram.

13. On 18<sup>th</sup> June 2021 Blood donation was conducted for Civil Hospital Blood Bank organized by State NSS Office.

14. International Day of Yoga was observed on 21<sup>st</sup> June, 2021.

15. Donation was given to the following Local Level task Force (LLTF)/Village Level Task Force (VLTF) for **Fight Against Covid-19**

(i) Sairang Dinthar (Rs. 20000) on 4<sup>th</sup> June, 2021.

(ii) Ramthar Veng, Dinthar (Rs. 8005) Aizawl on 11<sup>th</sup> June, 2021.

(iii) Electric veng, Dinthar (Rs. 7700) Aizawl on 12<sup>th</sup> June, 2021.

16. Special camping was conducted as follows:

**(i) Special Camping at Durtlang Leitan Zotui**

Theme : Water conservation

Duration: 7 days (21<sup>st</sup> – 27<sup>th</sup> January, 2021).

Due to COVID-19 pandemic situation, only 8 Volunteers (4 Males & 4 Females) and 5 Programme Officers (3 Males & 2 Females) could participate in this camping.

**(ii) Special Camping at Durtlang**

Theme : Water conservation

Duration: 7 days (21<sup>st</sup> – 27<sup>th</sup> January, 2021)

Due to COVID-19 pandemic situation, only 8 Volunteers (4 Males & 4 Females) and 5 Programme Officers (3 Males & 2 Females) could participate in this camping.

**(iii) Special Camping at Sairang Dinthar**

Theme : Water conservation

Duration: 7 days (18 to 24 March 2021).

Due to COVID-19 pandemic situation, only 25 Volunteers (8 Males & 17 Females) and 4 Programme Officers (2 Males & 2

**(iv) Special Camping at Electric veng**

Theme : Water conservation

Duration: 7 days (18 to 24 March 2021).

Due to COVID-19 pandemic situation, only 5 Volunteers (3 Males & 2 Females) and 1 Programme Officers (1 Male) could participate in this camping.



**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:**

No course could be conducted due to Covid 19 pandemic. 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	: Dr. C. Lalremruatfela Dr. Lawrence Zonunmawia Chhangte Dr. P.C. Rohmingliana Dr. C Zoramthara Dr. Lalmangaihzualla

**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. Basic adventure camp 1<sup>st</sup> and 2<sup>nd</sup> batch was organized by Director of sports and youth services at Vaipuanpho base camp during 23<sup>rd</sup> to 28<sup>th</sup> February and 1<sup>st</sup> to 5<sup>th</sup> march 2021. Six students attended on behalf of the college. Lalliantluanga (6<sup>th</sup> semester Chemistry), Sairengpuii (6<sup>th</sup> semester Home Science), Sari Lalzahawmi (6<sup>th</sup> semester Chemistry) attended on the 1<sup>st</sup> batch and Lalrinzuala (6<sup>th</sup> semester Physics), RuthiF.Lalnuntluangi (4<sup>th</sup> semester Life Science), Christina Lalnunfeli (4<sup>th</sup> semester Life Science) attended the second batch.
2. National Nature Camp was conducted at Nghalchawm during 25<sup>th</sup> – 27<sup>th</sup> march 2021. 46 students attended this camp guided by 4 teachers in charge. This camp was organized adventure club and eco club where activities were held separately.
3. One week training was organized by Zirtirians Youth Adventure club at Zirtiri College campus during 8<sup>th</sup> – 12<sup>th</sup> march 2021 where many members were presented during this training.
4. 21<sup>st</sup> Adventure Course was organized by Department of Sports and Youth Services at Vaipuanpho during 18<sup>th</sup> March-1<sup>st</sup> April 2021.

**XXXI. NATONAL CADET CORPS (NCC)**

Caretaker Officer : Dr. C. Lalmuankimi

**Objectives:**

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

**Activities:**

Highlights of NCC GZRSC Unit during 2020 – 2021 are listed below:

1. All the cadets installed Diksha App to participate in NCC online activities across the Country. The cadets participated in online activities and received certificate for the same.
2. From 1<sup>st</sup> to 15<sup>th</sup> August, 2020 Aatma Nirbhar Bharat awareness Campaign was conducted through virtual meeting. All the cadets participated in the oath taking ceremony during the online campaign. By taking the pledge, all cadets are expected to give awareness through social media viz. Twitter, Instagram, Facebook etc.
3. The GZRSC Unit gave oral presentation through online mode on Freedom Fighter/Importance and their responsibilities organized by I Mizo AIR Squadron NCC.
4. On the occasion of Independence Day (15<sup>th</sup> August, 2020), our cadets attended and presented a paper in an online seminar organized by I Mizo AIR Squadron NCC.
5. From 15<sup>th</sup> August to 14<sup>th</sup> September, 2020, the GZRSC Unit cadets participated in online Awareness event on Fit India.
6. On 21<sup>st</sup> August, 2020, 3<sup>rd</sup> Year Cadet of GZRSC unit participated in the Entrepreneurship Course organized by I Mizo AIR Squadron NCC.
7. As a part of Teacher's Day celebration, Fit India Freedom Run was organized and cadets were assigned to run for India for 5kms. GZRSC unit participated and uploaded the Video footage as suggested organized by I Mizo AIR Squadron NCC.
8. GZRSC NCC unit attended 5-day EBSB Online course on New Education Policy from 25<sup>th</sup> to 30<sup>th</sup> September, 2020 organized by I Mizo AIR Squadron NCC.
9. Online meeting for the purpose of interaction with ADG was organized on 3<sup>rd</sup> November, 2020 organized by I Mizo AIR Squadron NCC.
10. On 7<sup>th</sup> November, 2020, Col. Muktesh War Prasad organized free SSB Online Webinar solely for GZRSC NCC Unit.
11. On 11<sup>th</sup> November, 2020 GZRSC NCC Unit participated in lecture on Hand washing and Personal Hygiene organized by I Mizo AIR Squadron NCC.
12. On 26<sup>th</sup> November, CTO and cadets in full uniform read out 'The Preamble of the Constitution of India' organized by I Mizo AIR Squadron NCC.
13. On First week of December, 2020, cadets participated in "Digital Forum" activities and received certificate of participation organized by I Mizo AIR Squadron NCC.

14. On 30<sup>th</sup> January, 2021, GZRSC Cadets participated in online seminar on “Anti Corruption awareness” organized by I Mizo AIR Squadron NCC.
15. On 18<sup>th</sup> February, 2021 cadets participated in online seminar on “Career Opportunity of Food safety in Tourism and Trade.”
16. From 4<sup>th</sup> to 8<sup>th</sup> March, 2021 cadets participated in the annual training camps at Pachhunga University College, Aizawl organized by I Mizo AIR Squadron NCC.
17. From 10<sup>th</sup> to 16<sup>th</sup> March, 2021 NCC NER Directorate participated in online EBSB Program organized by I Mizo AIR Squadron NCC.
18. On 20<sup>th</sup> March 2021, cadets participated in SSB coaching at Hrangbana College, Aizawl organized by I Mizo AIR Squadron NCC.

**XXXII. ECO CLUB****Members:**

Chairman	: Sailopuii
Secretary	: Dr. C. Lalremruatfela
Members	: Mary Laltlansangi Dr. C. Zoramthara Lalmalsawmi Chhange 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. Installation of 3 sets of waste segregation bins with steel structure placed in laboratory building, library floor and canteen floor.
2. Installation of compost tumbler for organic/ biodegradable waste.
3. Indoor plants were donated by faculty and staff members of the college to reduce carbon footprint inside college buildings.
4. Recycling of used plastic bottles for flowering plants.
5. Participated in Online Article writing competition on World Ozone Day 2020, organized by Mizoram ENVIS Hub, Mizoram Pollution Control Board. Theme: Ozone For life: 35 years of Ozone layer protection. Mr. M. Buingangchui 2<sup>nd</sup> Semester B.Sc won 3<sup>rd</sup> prize.
6. Plantation visit at Durtlang campus was conducted on 17<sup>th</sup> December 2020 in collaboration with NSS and Cleanliness committee.
7. Membership drive under way using Google forms and registering new members till date.
8. On 25<sup>th</sup> Jan.2021 eco club materials were shifted to Durtlang campus. Pipe lines for rain water harvesting was repaired and installed on this day.
9. On 9<sup>th</sup> Feb. 2021 voluntary group work was conducted by committee members at Durtlang campus.
10. On 10<sup>th</sup> Feb, 2021 voluntary work was conducted by the committee at Ramthar Campus.
11. 12<sup>th</sup> Feb.2021 Voluntary group work at Ramthar campus.
12. 26<sup>th</sup> Feb.2021 Voluntary group work at Ramthar campus.
13. 24<sup>th</sup> Feb 2021, Observation of Fire Prevention week in collaboration with NSS.

14. On 3<sup>rd</sup> and 4<sup>th</sup> March 2021 Mass Cleanliness Drive was conducted in and around College campus. Chemical waste filter was installed in laboratory building.
15. 11<sup>th</sup> March 2021 group work was conducted for preparation of Eco Corner.
16. On 12<sup>th</sup> to 16<sup>th</sup> April 2021, Waste management campaign/Cleanliness week was conducted in collaboration with NSS and Cleanliness and sanitation committee.
17. I keep my city/locality/village clean and green competition was organized for Eco Club members. 1<sup>st</sup> to 3<sup>rd</sup> prize cash award for this competition were donated by Mrs Sailopuii, Mrs H. Lalnunsangi and Mrs Lalmalsawmi Chhange.
18. Observance of Earth Day 2021 on 22<sup>nd</sup> April. Webinar on Environmental Issues was organized. Mrs. Lalrosangpuii and Dr. Rebecca Vanlalsangi (Green teachers) were resource persons. Poster making competition on the theme “Restore our Earth” was organized. Cash prizes for poster making competition were contributed by permanent teachers from the committee.
19. International Day for Biodiversity Conservation was observed on 22<sup>nd</sup> May 2021. Webinar on “Biodiversity Conservation” was conducted and Dr. Lalsaimawia Sailo was the resource person. Waste to wealth and Slogan writing (Mizo) competition was organized for students. This program was sponsored by Mizoram Pollution Control Board and Mizoam ENVIS Hub. 1<sup>st</sup> to 3<sup>rd</sup> position with cash prize 1000, 700 and 500 were distributed for both competitions.

**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 Lalthanpuii Lalsangkimi Hmar Two Student Representative from NSS Volunteer Two Student Representative from NCC Cadet General Secretary, S.U.

**Objectives:**

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

**Activities:**

Bhojpuri words displayed on Notice Board



#### XXXIV. LIGHT AND SOUND

##### Members:

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

##### Objectives:

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

##### Activities:

1. Checking of Electric Wiring of Boys & Girls Hostel at Durtlang Campus (17.7.2020)
2. Repairing work cannot be carried out due to pandemic.

**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 Aid clinic in the college

**Activities:**

1. A Legal aid clinic was held every Thursday and Friday excluding public holidays at the college. Mr. Lalbiakkima, Advocate, Mizoram State Legal Services Authority was appointed to take charge of the Clinic. The beneficiaries are students, faculties and local community in the college area.
2. Campus was not open for public visit due to Covid-19 hence sittings were not possible.
3. The main issues reported in the legal cell are internet issues, consumer issues and submission of FIR. Advice is given to institute through telephonic conversation on various issues.

## 9. AUDIT STATEMENT OF COLLEGE ACCOUNT



**AKAS & Associates**  
**Chartered Accountants**

0389-2316393, 8777021042, 9436151145  
Email-info\_aizawl@akasassociates.com

T-5/B, K.S THANGA BUILDING  
Near Sanitation Office, Behind Aizawl College,  
TUIKHUAHTLANG, AIZAWL, MIZORAM -796001

- HO: New Delhi
- BO: Ghaziabad, UP

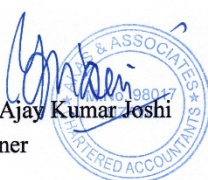
**AUDITOR'S REPORT**

We have examined the attached Receipts & Payments Account of **GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE, Aizawl, Mizoram, Account: "Salary, Wages, OE & Other Charges"** as at March 31<sup>st</sup>, 2021 and the which are in agreement with the books of accounts maintained at its office at Aizawl, Mizoram. The preparation of these financial statements are the responsibility of the management, our responsibility is to express an opinion on these financial statements based on our audit, further we report that:

- a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of the audit.
- b) In our opinion, proper books of account as required, have been maintained and kept in the office, so far it appears from our examination of such books.
- c) In our opinion and to the best of our information and according to the explanations given to us, the said accounts give true and fair view.

For AKAS & Associates  
Chartered Accountants  
FRN: 022876N

CA Ajay Kumar Joshi  
Partner



Date: 02.12.2021  
Place: Aizawl



**GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE**  
Aizawl, Mizoram

Account: "Salary, Wages, OE & Other Charges"

**RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2021**

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
<b>Opening Balance:</b>			
Cash-in-Hand/Bank	-	<b>Salary:</b>	
		1st Qtr. (Apr,2020 - June, 2020)	3,97,57,903.00
		2nd Qtr. (Jul, 2020 - Sept, 2020)	3,51,98,427.00
		3rd Qtr. (Oct, 2020 - Dec, 2020)	2,13,07,388.00
		4th Qtr. (Jan, 2021 - Mar, 2021)	3,28,60,498.00
			12,91,24,216.00
<b>Fund received from Directorate of Higher &amp; Technical Education, Govt of Mizoram vide its letter No:</b>		<b>Wages:</b>	
<b>1st Qtr. (Apr,2020 - June, 2020):</b>		1st Qtr. (Apr,2020 - June, 2020)	97,600.00
a) G.20011/28/20-DTE(HTE)/2, Dt. 03.04.2020	4,16,58,064.00	2nd Qtr. (Jul, 2020 - Sept, 2020)	51,020.00
b) G.20011/28/20-DTE(HTE)/1, Dt. 11.05.2020	6,06,238.00	3rd Qtr. (Oct, 2020 - Dec, 2020)	76,530.00
<b>2nd Qtr. (Jul, 2020 - Sept, 2020):</b>			2,25,150.00
a) G.20011/23/19-DTE(HTE)/2, Dt. 14.07.2020	3,10,521.00	<b>Office Expenses:</b>	
b) G.20011/15/2017-DTE(HTE)/2, Dt.14.07.2020	6,47,597.00	1st Qtr. (Apr,2020 - June, 2020)	1,00,000.00
c) G.20011/28/20-DTE(HTE)/1, Dt. 16.07.2020	3,17,46,530.00	2nd Qtr. (Jul, 2020 - Sept, 2020)	20,000.00
d) G.20011/23/19-DTE(HTE)/3, Dt. 27.07.2020	1,80,042.00	4th Qtr. (Jan, 2021 - Mar, 2021)	20,000.00
e) G.20011/15/2017-DTE(HTE)/3, Dt. 27.07.2020	14,45,260.00		1,40,000.00
f) G.20011/28/20-DTE(HTE)/1, Dt. 13.08.2020	20,67,562.00	<b>S&amp;M:</b>	
g) G.20011/23/19-DTE(HTE)/1, Dt. 14.08.2020	17,964.00	4th Qtr. (Jan, 2021 - Mar, 2021)	1,28,000.00
<b>3rd Qtr. (Oct, 2020 - Dec, 2020):</b>		<b>Motor Vehicle:</b>	
a) G.20011/28/20-DTE(HTE)/3, Dt. 13.10.2020	3,21,96,124.00	1st Qtr. (Apr,2020 - June, 2020)	50,000.00
b) G.20011/23/19-DTE(HTE)/2, Dt. 16.11.2020	6,99,108.00	2nd Qtr. (Jul, 2020 - Sept, 2020)	10,000.00
c) G.20011/28/20-DTE(HTE)/2, Dt. 15.12.2020	3,47,000.00	4th Qtr. (Jan, 2021 - Mar, 2021)	1,10,000.00
d) G.20011/23/19-DTE(HTE)/3, Dt. 14.12.2020	80,736.00		1,70,000.00
e) G.20011/28/20-DTE(HTE)/2, Dt. 15.12.2020	1,27,711.00	<b>Machinery &amp; Equipment:</b>	
<b>4th Qtr. (Jan, 2021 - Mar, 2021):</b>		4th Qtr. (Jan, 2021 - Mar, 2021)	40,000.00
a) G.20011/28/20-DTE(HTE)/3, Dt. 13.01.2021	2,94,700.00	<b>Medical Treatment:</b>	
b) G.20011/23/19-DTE(HTE)/2 Dt. 22.01.2021	2,15,759.00	1st Qtr. (Apr,2020 - June, 2020)	6,06,238.00
c) G.20011/28/20-DTE(HTE)/3, Dt. 28.01.2021	2,18,18,206.00	2nd Qtr. (Jul, 2020 - Sept, 2020)	25,94,484.00
d) G.20011/28/20-DTE(HTE)/3, Dt. 29.01.2021	7,35,325.00	3rd Qtr. (Oct, 2020 - Dec, 2020)	6,99,108.00
e) G.20011/28/20-DTE(HTE)/3, Dt. 10.02.2021	1,80,000.00	4th Qtr. (Jan, 2021 - Mar, 2021)	3,50,015.00
f) G.20011/28/20-DTE(HTE)/1, Dt. 18.02.2021	2,68,000.00		42,49,845.00
g) G.20011/28/20-DTE(HTE)/1, Dt. 18.02.2022	53,520.00	<b>Advertisement &amp; Publicity:</b>	
h) G.20011/28/20-DTE(HTE)/3, Dt. 04.03.2021	11,700.00	4th Qtr. (Jan, 2021 - Mar, 2021)	50,000.00
		<b>Office Contingency:</b>	
		4th Qtr. (Jan, 2021 - Mar, 2021)	12,99,200.00
		Refund to Directorate of Higher & Technical Education	2,81,256.00
		<b>Closing Balance:</b>	
		Cash-in-Hand/Bank	-
	<b>13,57,07,667.00</b>		<b>13,57,07,667.00</b>

As per our Report of Even Date Attached

For AKAS & Associates

Chartered Accountants

FRN: 022876N

CA Ajay Kumar Joshi  
Partner

Date: 02.12.2021

Place: Aizawl

For & On Behalf of Govt. Zirtiri Residential Science College

Principal  
Govt. Zirtiri Res. Science College  
Aizawl: Mizoram



**AKAS & Associates**  
**Chartered Accountants**

0389-2316393, 8777021042, 9436151145  
Email-info\_aizawl@akasassociates.com

T-5/B, K.S THANGA BUILDING  
Near Sanitation Office, Behind Aizawl College,  
TUIKHUAHTLANG, AIZAWL, MIZORAM -796001

- HO: New Delhi
- BO: Ghaziabad, UP

### AUDITOR'S REPORT

We have examined the attached Receipts & Payments Account of **GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE, Aizawl, Mizoram, Account: "College Development Fund"** as at March 31<sup>st</sup>, 2021 and the which are in agreement with the books of accounts maintained at its office at Aizawl, Mizoram. The preparation of these financial statements are the responsibility of the management, our responsibility is to express an opinion on these financial statements based on our audit, further we report that:

- a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of the audit.
- b) In our opinion, proper books of account as required, have been maintained and kept in the office, so far it appears from our examination of such books.
- c) In our opinion and to the best of our information and according to the explanations given to us, the said accounts give true and fair view.

For AKAS & Associates  
Chartered Accountants  
FRN: 022876N

*Malay Sengupta*

CA Malay Sengupta  
Partner



Date: 02.12.2021  
Place: Aizawl



**GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE**  
Aizawl, Mizoram

Account: "College Development Fund"

RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED 31.03.2021

Receipts	Amount (Rs.)	Payments	Amount (Rs.)
<b>Opening Balance:</b>			
Cash-in-Hand (CDF)	14,58,554.00	Honorarium	11,68,900.00
Cash-in-Hand (Admn & Exam)	9,29,190.00	Donation to Chief Minister Relief Fund	3,49,895.00
Cash-at-Bank - (30200)	47,11,790.37	Room Rent	36,000.00
	70,99,534.37	Student Support Expenses	50,000.00
		Traveling & Coveyance Expenses	6,100.00
Fund received from Directorate of Higher & Technical Education for Conducting NAAC Assessment & Accrediation Cycle vide letter No.G.20011/27/20-DTE(THE)/Pt-01, Dated: 08.01.2021	7,00,000.00	Vehicle Insurance	98,949.00
		Refereshment	25,180.00
Fund received from Direcotate of Higher Technical Education Govt. of Mizoram (LOC Fund)	11,32,200.00	Water & Electricity	19,672.00
		Telephone Bill & Internet Service	1,52,277.00
MLA Fund (for Student Suppot Fund)	50,000.00	Miscellaneous Expenses	15,397.00
		Audit Fess (Eco Club)	55,000.00
Admission Fee	48,35,940.00	Printing & Stationery	11,580.00
Exam Fee	3,54,960.00	Spoken Tutotial Porject Expenses	25,000.00
Miscellaneous Receipt	17,601.00	Student Admission Refund	760.00
Admission & Tuton Fee Refunded (Due to Double Payment Entry F.Y 2020-21)	7,43,160.00	Exam Fee Refund	1,160.00
		NAAC Prepration Expenses	4,500.00
		POL/HSD	6,050.00
		<b>Repairs &amp; Maintenance:</b>	
		College Building	4,81,200.00
		Equipments	71,113.00
		<b>Expenses on Fees:</b>	
		Enrolment	74,700.00
		Affiliation	10,000.00
		Exam Fees Remitted to MZU	5,24,390.00
		ETDS Filling Fess	8,400.00
		Subscription Fee ( National Magazine)	35,339.00
		Admission Fee Remitted to MZU	16,01,872.00
		<b>Transferred to BCA Fund:</b>	
		Admission	3,37,280.00
		Tution	1,89,720.00
		Lab	3,05,660.00
		<b>Trasnferred to SU Fund:</b>	
		Students Aid Fund	37,400.00
		SU Fee	2,24,400.00
		Games & Sports	2,24,400.00
		Magazine	4,54,400.00
		Identity Card	74,800.00
		Exam Expenses	1,46,000.00
		Bank Charges	2,977.10
		Refund of Unutilized Amount under IQAC Grant during XXlth Plan period, vide letter No.F: 7-10 /2012/(NERO)1252, Dt:25.09.2020	73,575.00
		<b>Capital Expenditure:</b>	
		Books	12,83,297.00
		Furnitur & Fixture	3,41,600.00
		Lab Equipments	32,328.00
		Equipments	77,500.00
		<b>Closing Balance</b>	
		Cash-in-Hand (General)	7,63,980.00
		Cash-in-Hand (Exam Deptt)	7,83,190.00
		Cash-at-Bank - (24972)	19,01,035.26
		Cash-at-Bank - (30200)	28,46,419.01
	<b>1,49,33,395.37</b>		<b>1,49,33,395.37</b>

As per our Report of Even Date Attached

For AKAS & Associates  
Chartered Accountants  
FRN: 022876N

*CA Malay Sengupta*  
CA Malay Sengupta  
Partner  
Date: 02.12.2021  
Place: Aizawl

For & On Behalf of Govt. Zirtiri Residential Science College

*[Signature]*  
Principal  
Govt. Zirtiri Resi. Science College  
Aizawl : Mizoram

## 11. AAA REPORT

GOVERNMENT OF MIZORAM  
HIGHER AND TECHNICAL EDUCATION  
ACADEMIC & ADMINISTRATION AUDIT  
INSTITUTIONAL ASSESSMENT REPORT OF GOVERNMENT ZIRTIRI  
RESIDENTIAL SCIENCE COLLEGE  
FOR THE PERIOD 2019-2020

### I. PROFILE

1.	Name of the Institution	Govt. Zirtiri Residential Science College
2.	Year of establishment	1980
3.	Email ID	Contact @gzrsc.edu.in
4.	Institution's website	<a href="http://www.gzrsc.edu.in">www.gzrsc.edu.in</a>
5.	Number of Departments	B.Sc, B.Sc (H.Sc), BCA
6.	Cycles of assessment and accreditation by NAAC completed	2 cycles
7.	Grade of assessment and accreditation by NAAC	Grade B
8.	CGPA of assessment and accreditation by NAAC	(2.22) CGPA
9.	Cycles of AAA completed (Executive the ongoing)	1 Cycle
10.	Date of Assessor's visit	1 <sup>st</sup> June, 2021
11.	Name of the Head of the Institution	Prof. B. Zoliana
12.	Name of the IQAC Coordinator	Lalrinsangi Nghinglova
13.	Name and designation of Assessors	
		1. Prof. K.L. Pradhan (Rtd.)
		2. Prof. Sanny Tochhawng
		3. Prof. R. Lalnuntluanga



## II. Institutional Score : Format – I (Institutional Data)

Sl.No	Criteria	Weightage	Score
1	Curricular Aspects	100	70
2	Teaching-Learning & Evaluation	350	280
3	Research, Innovation and Extension	120	90
4	Infrastructure, Learning and Resources	110	80
5	Student Support and Progression	130	95
6	Governance, Leadership and Management	100	80
7	Institutional values and Best Practices	100	70
	<b>TOTAL</b>	<b>1000</b>	<b>765</b>

## III. Departmental Score :

Sl.No	Name of Department	Total Points	Score
1	Botany	500	322
2	Zoology	500	344
3	Physics	500	370
4	Chemistry	500	280
5	Mathematics	500	260
6	Geology	500	291
7	Electronics	500	263
8	Bio-Chemistry	500	344
9	Computer Science	500	318
10	Home Science	500	285
11	English	500	326
	<b>TOTAL</b>		<b>3403</b>
	<b>Average</b>	<b>500</b>	<b>309</b>

## IV AGGREGATE SCORE AND PERCENTAGE OF THE INSTITUTION:

1	Point attained in Format – I (Institutional Data)	765
2	Average score of the Departments	309
3	Aggregate score of the Institution (Sl. 1+2)	1074
4	Percentage	<b>71.6%</b>



We, the Panel of Assessors has thoroughly examined the Format-II (Institutional Data) and Format- II (Departmental) Academic & Administrative Audit, and the followings are our observations and recommendations.

#### **OBSERVATIONS:**

**II Curricular aspect :** Maintenance of Annual Institutional Plan/ College calendar, add-on course, feed- back from stake holders, College activity register and publication of College Year Book are noteworthy.

**III. Teaching, Learning & Evaluation :** Maintenance of teaching diaries & teaching plans , subject-wise results analysis and record of evaluation of teachers by students are good practices

**IV. Research, Innovation and Extension:** Few departments have undertaken Minor Research Projects: present research papers published both international and national level, conducts of International & National Level seminar, various extension activities are noteworthy.

**V Infrastructure & Learning Resources:** The College Library and classrooms are well equipped with modern facilities, Computer and Language Labs for the students. It is found that the College Library has no Regular Librarian/Deputy Librarian and one post of IV Grade and two Lab. Asst. are laying vacant.

**VI. Students Support & Progression:** The institution has undertaken various co-curricular and extra- curricular activities for students.

**VII Governance, Leadership and Management :** The college has been working ahead to fulfill its motto 'Lighted to Lighten' through various initiatives e.g. Faculty development program, Welfare of staff, Internal Audit of finance, Resource mobilization, Endowment Fund and Student Support fund. Faculties need to be encourage to take as many professional development as possible. Regular teacher has to take the initiatives not simply for a certificate but for their real professional enhancement and empowerment.

**VIII. Institutional Value & Best Practices.:** The college has undertaken various best practices like visiting adopted schools, old age and orphanage homes, mentoring system, conduct free Computer clinics for community, etc. It is noticed that during lockdown due to Covid -19, the college has prepared hand sanitizers , face mask and distributed to frontline workers which is worthy to note. Yet, more innovative, authentic, creative and imaginative measures needed. The same methods can be improvised with a personal touched or many novel ideas based on science can be added.


**RECOMMENDATION:**

1. The AAA has strongly recommended to appoint regular College Librarian/Deputy Librarian, as well as regularization of contract Asstt. Professors specially for Department of Electronics, Computer Science and Geology.
2. It also recommended the filling up vacant posts of one IV Grade and two Laboratory Assistants for smooth running of Departmental laboratory.
3. Considering the number faculty members and their qualifications, the AAA has recommended for opening of P G program in the Department of Physics.
4. The departments having expertise in their respective fields shall work with concerned departments in the state government, institutions and firms to generate resources for the institution.
5. Being the only Science institution of the state, it can educate, guide and spread awareness to the public and government the importance and needs of Science through various mediums – Newspaper, radio, T.V., internet, you tube etc.
6. Encourage faculties to take research project (Major/Minor), apply the Grants/Funds opportunities offered in science steam under Central Government and at International Level. Opportunity be given to those interested faculty member to pursue higher studies leading to Ph.D.
7. Organize Seminars/Webinars/Workshops: departments shall seek/explore the available opportunities at national/international level. Develop more scientific mind set by publishing research articles books In the National/international level. Further, take initiative on need based program through webinar/zoom/online reaching the audience/public which is easier and inexpensive and faster.
8. The objectives of the three adopted schools be aligned with the college subjects/departments. Many students rigid attitudes towards science and mathematics can be transform into an enjoyable, interesting and likeable subject by developing a viable objectives.
9. The Institution can develop innovative/creative/ need based ideas utilizing the inexpensive available resources within different resources with the departments.
10. These departments- Home Science, Electronics, Geology and Bio-Chemistry may increase their intake capacity from the next academic session.

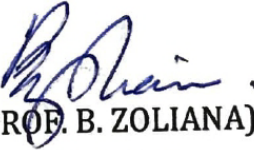
## DECLARATION

*The Team of Assessors for Government Zirtiri Residential Science College, Aizawl, Mizoram is pleased to declare that the Institution has completed the 1<sup>st</sup> Cycle of External Academic and Administration Audit as has attained 71.6% with an aggregate Institutional points of 1074.*

Date : 4. 6. 2021.

<u>Name</u>	<u>Signature of Assessors</u>
1. Prof. K.L. PRADHAN, Chairperson	
2. Prof. SANNY TOCHHAWNG Member Secretary/Coordinator	
3. Prof. R. LALNUNTLUANGA Member	



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



## 12. INSTITUTIONAL POLICIES

### a) E-Governance Policy



**OFFICE OF THE PRINCIPAL**  
**GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE**  
 (NAAC ACCREDITED : 2.75 CPGA)  
[www.gzrsc.edu.in](http://www.gzrsc.edu.in) email : [contact@gzrsc.edu.in](mailto:contact@gzrsc.edu.in)  
 RamtharVeng, Aizawl. Pin - 796001

### E GOVERNANCE POLICY

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

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

##### 1. Website

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

##### 2. Library

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

##### 3. E- Learning

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

##### 4. Student admission

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

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

**5. Examination**

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

**6. Administration**

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

**7. Management Information System**

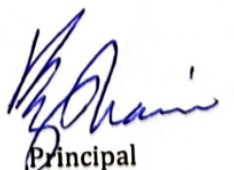
MIS software for the college was developed by HL Solutions. Enrolment of the student, internal marks and attendance can be entered into the MIS which will provide easy access of information of all the students of the college. All departments should enter their internal exam marks, and student attendance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

**8. Alumni**

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

**9. Teaching Management**

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



Principal

Govt. Zirtiri Residential Science College  
Mizoram : Aizawl.




## b) Incentive for Teachers

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

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

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

  
 (Dr. RICKY LALHMANGAIHZUALA)  
 Secretary

  
 (Dr. LALZAHAWMI CHENKUAL)  
 Chairman

Research and Seminar Committee : Govt. Zirtiri Residential Science College

## c) Institutional Policy for the Disabled



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

[www.gzrsc.edu.in](http://www.gzrsc.edu.in) email : [contact@gzrsc.edu.in](mailto:contact@gzrsc.edu.in)


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


## Institutional Policy for the Disabled

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

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

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

  
(LALT LUANGKIMI HNAME)  
Secretary  
Admission Committee

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

## d) Institutional Policy for Awarding Endowment Fund to Students



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

[www.gzrsc.edu.in](http://www.gzrsc.edu.in) email : [contact@gzrsc.edu.in](mailto:contact@gzrsc.edu.in)

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

### INSTITUTIONAL POLICY FOR AWARDING ENDOWMENT FUND TO STUDENTS

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

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

*Zodinpuii*  
 20/6/21  
 (ZODINPUII)

Chairman  
 Students Support Committee



e) Institutional Policy for Incentive Cash Award to Students



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

[www.gzrsc.edu.in](http://www.gzrsc.edu.in) email : [contact@gzrsc.edu.in](mailto:contact@gzrsc.edu.in)

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

**INSTITUTIONAL POLICY FOR INCENTIVE CASH AWARD TO STUDENTS**

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

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

(LALNUNTHARA)

Chairman

i/c Students' Union

**f) Institutional Policy on Continuous Assessment Test**

## g) Additional Information



## OFFICE OF THE PRINCIPAL

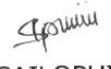
GOVT. ZIRTIRI RESIDENTIAL SCIENCE COLLEGE: AIZAWL: MIZORAM


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

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

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

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

  
(SAILOPUII)  
Chairman

  
Principal  
Govt. Zirtiri Residential Science College  
Aizawl, Mizoram

  
(Dr. C. LALREMRUATFELA)  
Secretary

### 13. 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	Lalthianghlina	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 Lalhmangaihthanga	Lab. Bearer	Lab. Duty
18	Lalmalsawma	Bus Conductor	Look after College Bus
19	Lalthatluanga	G-IV	Rider
20	V. Vanlalruata	Bus Driver	Bus Driving

#### Training/Activities conducted during 2020 – 2021:

1. Training on Basic Service rules and Financial Rules on 11-28<sup>th</sup> Jan 2020
2. 5 Days Faculty Development Programme for Teaching & Non-Teaching Staff on 5 – 9<sup>th</sup> April 2021.