Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE**
Name of the head of the Institution	**Laltanpuia**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**03892305848**
Mobile no.	**9436152176**
Registered Email	**contact@gzrsc.edu.in**
Alternate Email	**iqac@gzrsc.edu.in**
Address	**Ramthar Veng**
City/Town	**Aizawl**
State/UT	**Mizoram**
Pincode	**796007**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Prof. B. Zoliana**
Phone no/Alternate Phone no.	**03892305848**
Mobile no.	**9436140347**
Registered Email	**bzoliana@gmail.com**
Alternate Email	**iqac@gzrsc.edu.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://gzrsc.edu.in/iqac/iqac-reports

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://gzrsc.edu.in/iqac/calenders

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.22**	**2009**	**29-Jan-2009**	**28-Jan-2014**
2	**B**	**2.75**	**2016**	**25-May-2016**	**24-May-2021**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**13-May-2011**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Feedback from Students	**11-Apr-2019**	**649**

		1
Mentor-Mentee Meet	12-Apr-2019 2	649
Mentor -mentee Meet (Bsc/B.Hsc)	28-Feb-2019 2	572
Mentor-mentee meet (BCA)	22-Feb-2019 2	77
Career Enhancement Skill for BCA	27-Feb-2019 2	77
Interface with Parents	12-Apr-2019 2	298
Mentor- mentee Meet	30-Aug-2018 2	649
Mentor-mentee introductory Meet	18-Jul-2018 2	649
Library orientation Programme	04-Jul-2018 5	298
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Upgradation Model Degree College	RUSA	2018 1	28485214
Institution	Salary	State Government	2018 1	99240120
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	[View File]()
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Preparation of Academic Calendar 2. Grouping of Mentees and Analysis of Mentoring Report 3. Publication of Yearbook 4. Selection of best Department 5. Collection of Feedback from stakeholders

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Award of Best Department	To create healthy competition among departments for quality enhancement
Grouping of Mentees	To ensure proper implementation of Mentoring system
Publication of yearbook	To ensure proper and reliable documentation of events
Training programme on Research Proposal for faculty	To encourage faculty member to take up more research projects and equip them with necessary skills
To open up more avenues for student's progression	NCC air wing was started to give career options in the armed forces
To Undertake More extension services	The local communiity has greatly benefitted from the extension service offered by the college
Collection of Feedback from stakeholders	Improvement in quality of teaching
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
IQAC	15-May-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019

Date of Submission	26-Feb-2019

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Management Information System The college operates partial management Information system. Monthly Departmental Report is submitted to the IQAC which compiles and analyses the reports and place them in front of the general Body for its refection. Subcommittee reports are collected, analysed, compiled and placed before General Body meetings and meetings of subcommittees. Mentoring report is submitted regularly within each semester. The mentoring system is a comprehensive and effective means of obtaining information regarding students. All Informations regarding students, their academic performance, their attendance, their financial problems if any, their grievances are collected through the mentoring system. Redressal of their complaints are made by concerned subcommittees accordingly. The annual report of the departments, the subcommittees, the mentoring report are compiled and published in a yearbook with ISBN marking. The soft copy is made available on the website. The annual academic and administrative report is audited by the internal AAA committee constituted by the IQAC. The website is the main source of disseminating important decision made by different committees. Moodle has been used to develop learning management system. (https://gzrsc.edu.in/lms/)

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The Curriculum followed by the college is designed and planned by Mizoram University to which the college is affiliated. Faculty members of the college are actively involved curriculum design by virtue of their membership in core committees for syllabus making and revision. The university revises the syllabus from time to time to cater to the needs of the students. The Curriculum thus designed and adopted is incorporated by the institution. The college has developed a structured and effective system for implementation of the Curriculum. The Various means through which the institute executes it's curriculum are: ACADEMIC CALENDAR The IQAC prepares the Academic Calendar at

the beginning of each semester to ensure timely delivery of curriculum to the students. The prepared calendar is tabled at the first General Body meeting for its endorsement. All stakeholders including the teachers and students are properly notified by placing the Academic calendar at prominent places in the college as well as uploading the same on the college website.The Calendar serves as an important guideline to teachers who are expected to complete the syllabus within the stipulated time specified in the calendar. All other events to be conducted including monthly tests, internal examinations, seminars, sports etc are accommodated within the framework which primarily aims at curriculum delivery. Department Reports and Heads of department Meeting : Concerned departments maintain log books to ensure full coverage of the syllabus within a specific time frame. All departments follow the academic calendar prepared by the IQAC for conduct of internal tests and assignments. Each department holds monthly meetings to ensure timely and effective delivery of the curriculum. Monthly reports are then submitted to IQAC which analysis the progress made by each department. Regular submission of monthly departmental report is one of the criteria for choosing the BEST DEPARTMENT which is a practice introduced by the IQAC from 2017-18. Mentoring System :The college follows a mentoring system whereby the progress of individual students are monitored. The system provides interface meetings with students whereby individual problems as well as institutional lacking is identified. The IQAC has been taking up the task of grouping the students into groups and assigning the groups to all department who in turn appoints Mentors for all groups of mentees assigned to them by the IQAC. Guildelines for mentoring are issued to all departments.For certain subjects where syllabus may not be effectively covered, remedial classes and extra classes are conducted. Efforts will be made to start LMS. In the rare event that courses are not completed in time due to unforseen circumstances,provisions have been made to disseminate important study materials through whatsapp groups.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Course on computer Concept	NIL	01/02/2019	2	To provide IT skills to students	Computer Skills

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Physics	02/07/2018
BSc	Chemistry	02/07/2018
BSc	Mathematics	02/07/2018
BSc	Zoology	02/07/2018
BSc	Botany	02/07/2018

BSc Nutrition	Home Science	02/07/2018
BCA	Computer Science	02/07/2018
BSc	English	02/07/2018
BSc	Biochemistry	02/07/2018
BSc	Electronics	02/07/2018
BSc	Geology	02/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	178	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Personality Development	16/05/2019	120
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Geology	10
BSc	Zoology	20
BSc	Home Science	10
BSc	Electronics	10
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	
Employers	
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Student's Feedback is collected every year to facilitate quality culture. The teachers concerned disseminate the feedback form to the students within a stipulated time. Each teacher collects the feedback and makes individual analysis. Since the Purpose of collecting feedback is self-analysis and self improvement, the concerned teacher submits the feedback to the Principal after making a study of it. The Parameters for obtaining feedback from the students have been set by the IQAC. The Principal then prepares an overall analysis and report of feedback received and communicates the same to the teaching Community. The Principal's report on the feedback collected during the reporting year (18-19) is summarised as follows. The first part mainly consist of the assessment of performances of a teacher in classes and beyond namely,

communication skill, accessibility of teacher in and out of class, ability to design quizzes, assignments, knowledge of topic and preparedness, sincerity and commitment to the job, punctuality in class and maintenance of discipline which can be graded as Excellent, Good and Fair. It was good to see that various remarks were given showing that students were free and fair enough in giving feedback on a particular teacher. The next part consists of a reflection on course content of what that particular teacher is teaching, its relevancy to the particular subject, its difficulty level, etc. Even though some students were keen on writing/praising the efforts of that particular teacher, some students expressed their views on the subject matter with interesting remarks. The general expression: a) Students taking Home Science generally remarked their contentment about the topics. However, conventional science subjects like Physics, Mathematics, Chemistry, etc. were found to be difficult and require more time and attention. b) Some students wished to have core paper in some subjects where core papers were not yet introduced. c) The involvement of IT in teaching really enhances their capability of understanding the topic. They wishes to have properly equipped classes with modern IT materials like smart classes, etc.. d). Some students would like to have more field works where they find it easier to understand the reality of what they are studying theoretically . Students showed their satisfaction at learning Communication skills in English, Mock interview etc. in language laboratory. f. Some students wish to have more specific study materials, rather than consulting different books. g. Too many classes in a day (8 periods) is usually tiresome and they would like to have more breaks. The overall analysis of the feedback from students was tabled at the general body meeting.As a result of the feedback special classes were held for some subjects. FEEDBACK FROM PARENTS :In the past years feedback from parents were collected through an interface meeting between Teachers and Parents. Suggestions from the parents were incorporated into the system as far as possible. These suggestions include dissemination of hard copies of the presentation on college rules, results and attendance of students in the first internal examination.Feedback from alumni was collected through whatsapp,and analyzed for improvement.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Home Science	75	80	55
BSc	Geology	90	77	29
BSc	Botany	225	133	111
BSc	Physics	135	70	66
BSc	Mathematics	100	100	90
BSc	Zoology	195	162	153
BSc	Chemistry	90	100	68
BCA	Bachelor of Computer Application	180	125	77
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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	649	0	66	0	0

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
66	56	30	17	17	6

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

1.Title of the practice: Mentoring System 2.Goal: i)To provide more contact hours between teachers and students. ii)To maintain proper academic and attendance record of students. iii)To minimise dropout rates among students. Iv) To identify slow learners and advanced learners. 3.The context The institute has followed the suggestion made by the QAC cum CDO, Higher Technical education to introduce the mentoring system. The institute felt the importance of integrating such a system into the college management system. It had promptly and effectively put it into practice in the past two years. With a wide variation in the student population with regard to educational and economic background, the system promises to provide a better understanding of individual students and bring out their highest potential. It also appears to be the most effective method/weapon for mitigating cases of dropout students. 4.The Practice The IQAC had taken the initiative to implement this system. Every year the names of all students are collected and arranged according to their subject choice. They are divided into groups of 1015 students depending on the number of students. Each group is assigned a teacher/mentor who is responsible for collecting academic performance and class attendance of individual students. The teacher/mentor is given necessary information regarding his/her mentees and is expected to offer guidance and counseling as and when required. In isolated cases parents are called for special meetings with the Principal at the suggestion of the mentor. 5.Evidence of success Though the system has only been implemented in the last few years, significant improvement in the teacherstudent relationship can be seen. The system has been useful in identifying slow learners and advanced learners. Based on the requirement deduced through a careful examination of each mentor's report, the institute organizes a remedial class on different subjects within the syllabus for poor/slow learners. The remedial classes have become systematized after the implementation of this system. NEEDBASED remedial classes have proved to be beneficial to the students in particular and the entire college in general. There appears to be a lesser number of dropouts since mentors can intervene before a student falls short of attendance or has been regularly abstaining from classes. 6.Problems encountered and resources required The division of students into group proves to be a tedious exercise with some students opting for other courses now and then. Due to time constraint the teacher /mentor is unable to have sufficient time with the mentees Most of our students are reserved and some are too complacent to come out with their problems thus limiting the mentors capacity to render help. The system does not incur much expenditure. It only requires utmost commitment from teacher/mentor.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
649	66	1:9.8

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D

54	47	10	2	14

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mary Lalthansangi, State Level	Associate Professor	Best Performing all women polling party during general election

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Physics	6th Semester	14/05/2019	20/06/2019
BSc	Chemistry	6th Semester	14/05/2019	20/06/2019
BSc	Mathematics	6th Semester	14/05/2019	20/06/2019
BSc	Botany	6th Semester	14/05/2019	20/06/2019
BSc	Zoology	6th Semester	14/05/2019	20/06/2019
BSc	Geology	6th Semester	14/05/2019	20/06/2019
BSc	Home Science	6th Semester	14/05/2019	20/06/2019
BCA	Bachelor of Computer Application	6th Semester	23/05/2019	28/06/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The examination committee deals with all matters relating to internal and external examination. With the adoption of the CBCS system by Mizoram University to which the college is affiliated, reform on continuous internal evaluation was initiated by the university. Hence, the committee felt the need to acquaint stakeholders regarding the new system. Orientation programs on the new system of evaluation were conducted for both parents and students. A power point presentation was provided to the parents during the ParentTeacher Meet. Students were given training on the evaluation system in their respective classrooms by the cell. Training of teachers in examination matters during the general body meeting.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The IQAC prepares the Academic Calendar at the beginning of each semester to ensure timely delivery of curriculum to the students, conduct of internal examinations and events. The prepared calendar is tabled at the first General Body meeting for its endorsement. All stakeholders including the teachers and students are properly notified by placing the Academic calendar at prominent

places in the college as well as uploading the same on the college website. All events are conducted according to the schedule worked out by the IQAC and displayed on the academic Calendar.The Calendar serves as an important guideline to teachers who are expected to complete the syllabus within the stipulated time specified in the calendar. The examination cell conducts internal examinations according to the academic calendar and disseminates results through mentors, whatsapp and notice Boards.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://gzrsc.edu.in/students/results

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
1	BCA	Bachelor of Computer Application	23	17	73.91
2	BSc	Home Science	18	13	72.22
3	BSc	Geology	13	4	30.76
4	BSc	Mathematics	18	6	33.33
5	BSc	Physics	11	5	45.45
6	BSc	Chemistry	11	7	63.63
7	BSc	Zoology	47	41	87.23
8	BSc	Botany	15	13	86.66
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://gzrsc.edu.in/feedbacks/students-feedbacks

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	6	Directorate of Science Technology, Govt. of Mizoram	1.8	1.8
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative

practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Computer Hardware and Networking funded by GZRSC	Computer Science	09/10/2018
Career Enhancement Skills and interaction with Alumni, funded by RUSA	Home Science	22/03/2019
Motivation Speech for Home Science Dept	Home Science	01/12/2019
Outreach programme funded by ISI, Tezpur in collaboration with ISI, NE Centre, Tezpur	Mathematics	01/12/2019
Preparation of 3D geological modelling	Geology	12/04/2019
Field Trip to Shillong	Zoology	10/10/2018
Workshop on Patent Law	5th Semester of all dept.	15/02/2019
Workshop on Trademark	4th Semester of all dept.	11/04/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Young Voter's day	Lalrempuia	Chief electoral officer	29/03/2019	Painting Competition
Best Performing all women polling party during general election	Mary Lalthansangi	Mizoram Govt.	01/12/2019	Polling Officer

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1000	2000	3000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
No Data Entered/Not Applicable !!!	

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)

National	Electronics	9	2
National	English	1	2
National	Geology	1	2
National	Physics	15	2
National	Zoology	3	2
International	Geology	1	2

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Magazine	1
IQAC	1
English	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Measurement of promordial radionuclides in soil and building materials from Mizoram, India.	Vanramlawma	Science Vision	2018	0	Mizoram University, Physics Department, Aizawl, Mizoram, India	0
Geological study of Carbonate band in Upper Bhuban Formation, Mizoram, India	C Lalmuankimi	Advance in Engineering Research	2018	0	Government Zirtiri Residential Science College, Geology Department, Aizawl, Mizoram, India	0
Correlation analysis between drowsiness and HRV parameters.	Reginald H .Vanlalchaka	Advance in Engineering Research	2018	0	Government Zirtiri Residential Science College, Geology Department, Aizawl, Mizoram,	0

					India	
Comparison of Twin Cup Dosimeter with Single and Double entry in measuring indoor Radon and Thoron Concentration in Mizoram, India	LZ Chhangte	Science Vision	2018	0	Mizoram University, Physics Department, Aizawl, Mizoram, India	0
Measurement of promordial radionuclides in soil and building materials from Mizoram, India.	LZ Chhangte	Science Vision	2018	0	Mizoram University, Physics Department, Aizawl, Mizoram, India	0
Comparison of Twin Cup Dosimeter with Single and Double entry in measuring indoor Radon and Thoron Concentration in Mizoram, India	PC Rohming liana	Science Vision	2018	0	Government Zirtiri Residential Science College, Physics Department, Aizawl, Mizoram, India	0
Measurement of promordial radionuclides in soil and building materials from Mizoram, India.	PC Rohming liana	Science Vision	2018	0	Government Zirtiri Residential Science College, Physics Department, Aizawl, Mizoram, India	0
Comparison	B Zoliana	Science	2018	0	Government	0

Title of the Paper	Name of Author	Title of journal	Year of publication		Institutional affiliation as mentioned in the publication	
of Twin Cup Dosimeter with Single and Double entry in measuring indoor Radon and Thoron Concentration in Mizoram, India		Vision			Zirtiri Residential Science College, Physics Department, Aizawl, Mizoram, India	
Measurement of promordial radionuclides in soil and building materials from Mizoram, India.	B Zoliana	Science Vision	2018	0	Government Zirtiri Residential Science College, Physics Department, Aizawl, Mizoram, India	0
Slip-partitioning above a shallow, weak decollement beneath the Indo-Burma accretionary prism	C. Zoramthara	Earth and Planetary Science Letters (ELSVIER)	2018	13	Government Zirtiri Residential Science College, Geology Department, Aizawl, Mizoram, India	10

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	13	48	79
Resource persons	0	0	2	3
Presented	5	9	3	1

papers	

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Workshop on Life Skills and Food Adulteration was conducted at college Auditorium, GZRSC, Aizawl on 15th May 2019 in collaboration with Republic High School	**Village an School adoption**	4	204
Training on Fabric Stencilling Programme was conducted in collaboration with Home Science Dept., GZRSC at Govt. Venglai Middle School on 31st August 2018	**Village an School adoption**	4	204
Career Guidance cum Preparation of Ginger Squash Programme was conducted at Rosebud School, Aizawl on 31st July 2018	**Village an School adoption**	4	204
Visiting Old Age Home, Aizawl and Harmon Children's Home	**Dept of Home Science**	5	10
Poshan Rally	**Dept of Home Science**	2	20
visited selected families to teach on the importance of Vitamin A as a Nutrient	**Dept of Home Science**	3	20
Computer Clinic	**Computer Science**	2	12
Community Education Programme	**Dept of Home Science**	1	5

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Free Computer Clinic	contribution towards Local Society	Local Council Ramthar	12
Career Guidance and preparation of ginger squash	service towards local community	principal, rosebud school	204
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Workshop on Sustainable Development Goals	Planning and Programme implementation Department, Govt. of Mizoram	Workshop on Sustainable Development Goals1	1	25
legal awareness run	Mizoram State Legal Service	legal awareness run	1	25
Mass Cleanliness drive	NSS unit	Mass Cleanliness drive, Main road of Aizawl City	2	23
Swacch Bharat	Cleanliness and Sanitation NSS Unit, GZRSC	Cleanliness Drive was conducted on 18th January 2019	60	649
Orientation Programme	NSS unit	Blood Donation Campaign	6	280
Cleanliness Drive	NSS unit	Cleanliness Drive at new college campus	2	10
Special Camping	NSS unit	Special Camping was organized at Saithah Village	5	18
Swachh Hi Seva	NSS unit	Swachh Hi Seva	5	100
Obervation of NSS Foundation Day	NSS unit	Obervation of NSS Foundation Day at Vanapa Hall	2	53
Flowering trees Plantation site	NSS unit	visit/cleaning at Sihmui	5	22

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Invited lectures (2nd to 3rd July, 2018)	Prof. Mrnal Kanti Sen, Associate Director, Institute of Geophysics, The University of Texas at Austin	NA	2
Invited lectures (01.08.2019)	Pricilla Rinmuampuii, Geologist, Geological Survey of India	NA	2
Invited lectures (11.09.2018)	Lalchhuanzela, Petroleum Geologist	NA	2
Invited lectures (22nd to 23rd November 2018)	Dr. Paul M. Betka, Research Associate, Lamont-Doherty Earth Observatory, Columbia University	NA	2
Invited lectures (5th March 2019)	Dr. Paul Lalnuntluanga, Assistant Professor, Department of Geology, Mizoram University	NA	2
Outreach programme in collaboration with ISI, NE Centre, Tezpur	Mathematics Dept	ISI, Tezpur	4

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Online Training	Spoken tutorial	IIT Mumbai	02/07/2018	28/06/2019	38

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers

Zonun Mat Ply Ltd	10/07/2018	Academic and Scientific Cooperation	50

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1	1

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Newly Added
Laboratories	Newly Added
Others	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL	Fully	2.0	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11937	4774800	846	338400	12783	5113200
Journals	6	6125	0	0	6	6125

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	70	2	4	2	0	3	11	100	0

Added	5	0	0	0	0	0	0	0	0
Total	75	2	4	2	0	3	11	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
1	1	1	1

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The Institute has a well structured management system whereby physical, academic and support facilities are systematically monitored and maintained. Laboratory: All departments having practical papers are responsible for maintaining their own laboratories and the equipment. Their requirements and suggestions are discussed and recorded in departmental meetings. Laboratory assistants are attached for duty in each laboratory. The science laboratories are utilized for practical papers. Each department is responsible for the submission of requirements for their laboratories. The Language laboratory is maintained by English department. The Language laboratory is utilized by the department for conducting spoken English and oral communication classes. BIO Hub : The biohub is maintained by the department of Biochemistry. Library : The library and all its infrastructure is maintained by the library staff. Its workings is closely monitored by the library committee which submits its activities to the IQAC regularly. The requirement for the enhancement of library books are submitted to the purchase committee by each department. Sports Complex: In the present campus there is no allotment for sports Complex. However, a new campus is being developed wherein allotment for sports activities has been made by the building committee. At present, the Games and sports Committee looks after the Sports equipment and all matters relating to sports events. Computers: The computers are looked after by the system assistant and is monitored by faculty members of Computer Science. Repair works are done by the department as far as possible. Classrooms and auditorium: The cleanliness of the classroom is maintained by the cleanliness committee and students – in charge who carry out regular inspections. The safety of the furniture and all other equipment are in the hands of the college chowkidar under the supervision of the head assistant.

https://gzrsc.edu.in/administrations/procedures-and-policies-for-maintaining-facilities

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	Distribution of Poor/endowment (6th March 2019)	4	12150
Financial Support from Other Sources			
a) National	Umbrella Scheme for Education of ST Children - Post Matric Scholarship for ST Student	476	4530400
b)International	0	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Course on Computer Concept	04/02/2019	92	IQAC RUSA
Soft Skill Training conducted in collaboration with Avenue, Shillong	17/07/2018	60	RUSA
Course on Computer Concept	03/08/2018	86	IQAC RUSA
Remedial Classes	01/10/2018	200	RUSA
Student Mentoring System	02/07/2018	649	NA
Language Lab	02/07/2018	250	RUSA
Personality Development	16/05/2019	120	RUSA
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Career Counselling	0	84	3	3
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	1	BHSc	Home Science	Swamy Vevekanand Subharti Univ at Meerut	MSc Human Development
2018	2	BHSc	Home Science	Swamy Vevekanand Subharti Univ at Meerut	MSc food Technology
2018	2	BHSc	Home Science	MZU	MSc food Technology
2018	6	BSc	Botany	Mizoram University	MSc
2018	1	BSc	Mathematics	NIOS	D.El,Ed
2018	3	BSc	Mathematics	Mizoram University	MSc Maths
2018	13	BSc	Zoology	Mizoram University	MSc
2018	1	BCA	Computer Science (BCA)	Mizoram University	MSw
2018	3	BCA	Computer Science (BCA)	Mizoram University	MBA
2018	3	BCA	Computer Science (BCA)	NIELIT Aizawl	MCA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	18
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
College Week (11th -18th October 2018)	College	649
MZU Sport (1th-1th March 2019)	University	649
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

a. Conduct Fresher' Social on 11th July 2018. b. Fixation of date for SU leaders Election on 17th July 2018. Appointment for returning and polling officers were made. Some teachers were appointed for counting of votes. c. Conduct election of Class Representatives from all the semesters for 2018-2019. d. Help SU leaders during College Week 2018 (during 3rd – 8th Sept 2018). Teachers were given specific assignment or duties during the week. e. Help and guide SU leaders during University Sports 2019 and to appoint the faculty members to attend to their assigned duties during the university sports during 11th -15th March 2019. f. Compel the students to wear College T-shirt every Tuesday and Thursday. g. Distribute Incentive Cash Award 2019 to the following students: i. Highest SGPA in Core students. ii. SGPA 9 and above to all the semester. iii. Highest SGPA in 1st and 3rd Semester. iv. 100 attendance. v. Highest SGPA in the whole college.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

80

5.4.3 – Alumni contribution during the year (in Rupees) :

5500

5.4.4 – Meetings/activities organized by Alumni Association :

a. Alumni Day was celebrated successfully for the 3rd time on 1st August 2018 at College Auditorium with a grand dinner. b. Election of Alumni Office Bearers for the year 2018-2020 was successfully conducted on 1st August 2018 under the guidance of Alumni Teachers' in-charge. The elected OB's were: President: Lalruatsanga Pachuau Vice President: P.C.Lalngaihawma Gen. Secretary: P.C.Lallawmawma Asst. Gen. Secretary: RK. Hnuna Treasurer: V.L.Hmangaihzuali Fin. Secretary: Lalremdika c. Handling over of Office Bearers charge was held

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institute has adopted an admission procedure which fosters participative management and encourages decentralization of management power. All matters relating to admission are sub-delegated to the admission committee which comprise of all Heads of department with the Principal as the Chairman. The terms of reference for the sub-committee has been formulated by the IQAC and the sub-Committee has to work within the framework with little or no scope for exertion of individual power .The Sub- committee is to implement the already existing rules and is given the power to set new criteria for admission if and when the need arise. The committee also fixes the time for completion of admission procedure. The sub-committee does not work on its own but appoints a screening committee from the teaching faculty, thus practising participative management. Help desks are made available for prospective students. Notice for admission is usually published on local television channels and newspapers. Teachers who are appointed for duty at the help desk give proper guidance to interested applicants and provide them with details of admission procedure and the time allotted for admission interview. Once the applications are received, the sub-committee appoints the screening committee which conducts the interview. The sub-committee prepares the list of successful candidates and puts it up for display at the college Notice Board. The principal does not admit students without consulting the admission committee Utilization of RUSA Funds : The funds received from RUSA is managed collectively by the RUSA nodal officers headed by the Institutional co-ordinator. The Co-ordinators act in compliance with the guideline of RUSA which earmarks three broad divisions a) Purchase : Purchase committee has been set up to look into requirements of the college. Purchase of requirements is made through after it has gone through the screening of the committee. All heads of department are directed to submit departmental requirements. After consultative meetings are held by each department the requirements are submitted to the Purchase committee which works in coordination with the RUSA co-ordinators. b) Extension, renovation and upgradation: The nodal officers collectively work towards the proper utilization of funds for extension, renovation and upgradation. c) New Construction : The college has a building committee which is responsible for all matters relating to new construction at the new campus and the renovation of the present campus.Funds are utilised in consultation with the building committee. d) All funds received under equity initiatives are utilized as per RUSA guideline. Concerned sub-committees submit their proposal to the Institutional co-ordinator for organization of activities.The nodal officers approves the different activity proposals after careful perusal. Report on activities with documentary proof and expenditure statements are submitted to co-ordinator. Abstract of expenditure as well as reports on events are documented in the yearbook published by the IQAC

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details

Curriculum Development	? Curriculum Development : The institute follows the curriculum designed and approved by Mizoram university to which it is affiliated. The University follows UGC guideline and revises the curriculum from time to time. The college collects feedback from students on the course design and offer suggestions to the university through concerned departments. Many of the teaching faculty are involved in curriculum design by virtue of their membership in core committee for syllabus making, Board of studies, School board, etc. When syllabus is revised, teachers offer their feedback to the concerned authorities
Teaching and Learning	? Teaching and Learning:The institute follows a number of teaching strategies to deliver the curriculum.The lecture method is still widely used pedagogy.However language classes have operated through communicative method.Many teachers have resorted to ICT based classroom teaching.Effective learning is ensured through the mentoring system.
Examination and Evaluation	? Examination and Evaluation: The institute has an examination cell which supervises and ensures smooth conduct of internal as well as university examinations. The cell is responsible for strict implementation of examination rules in accordance with university and college rules and take action against defaulters. Quality initiatives are continually adopted by the cell to harbour a temper of fairness and transparency. Seat allotments are made by the committee to avoid any form of cheating and to ensure fairness. Members of the committee maintain strict vigil during examinations by inspecting examination halls. The cell maintains and records of Marks of internal examinations collected from concerned departments so as to avoid manipulation of marks
Research and Development	? Research and Development : The institute has a proactive Research and Seminar Committee which endeavours to facilitate research culture among students and faculty. The committee initiates, facilitates, integrates, recommends and supports research projects conducted by faculty members and students. It also organises

	seminars and lectures on research related topics at regular intervals to motivate students and faculty members.
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation : The library is manned by the library staff and its workings is supervised by the library committee. The committee guides the librarian in formulating general library policies and regulations. The committee constantly work towards modernization and improvement of the library. At the beginning of every academic session the committee works with the library staff in conducting orientation programmes on library use. The committee adopts measures to promote and enhance reading culture among students ? ICT and Physical infrastucture are managed by concerned department with supervision by the system analyst
Human Resource Management	? Human Resource Management : The management of the teaching staff is generally done by the Principal who works in close co-ordination with the Heads of department. All important matters are discussed in the general body meeting ? The management of the non- teaching staff is carried out by the Principal and the Head Assistant
Industry Interaction / Collaboration	? Industry Interaction / Collaboration : Collaborations with various authorities such as Mizoram State legal services,Zonun Matply Pvt ltd, and other university have been made. Memorandum of Understanding is being prepared between the institute and the Authority. MOU has been signed with an industry to carry out academic research.
Admission of Students	? Admission of Students : Admission matter is managed by the admission committee which consists of the Heads of Department with the Principal as the chairman.The committee implements the existing rule of admission contained in the syllabus and sets new criteria when the need arise. To ensure a fair admission process the committee encourages participative management which involves the appointment of screening from the teaching committee.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details

Administration	The college makes substantial use of ICT in dissemination of,rules,regulations and all other information to faculty and students.
Finance and Accounts	online payment of fees to MZU
Student Admission and Support	The college is planning to start online admission in the coming academic session. ICT is largely used in teaching ,google classrooms and LMS is being developed,Alumni are given the opportunity to register themselves online
Examination	Internal marks are collected and compiled by each department.They are then submitted to the examination cell which submits the marks to the University Portal within a specified time

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	C Lalremruatfela	one day International workshop on "Geological research in Indo-Burma ranges"	DST, NRDMS, New Delhi	1000
2018	Laltlankima	one day International workshop on "Geological research in Indo-Burma ranges"	DST, NRDMS, New Delhi	1000
2018	C Lalmuankimi	one day International workshop on "Geological research in Indo-Burma ranges"	DST, NRDMS, New Delhi	1000
2018	C Zoramthara	one day International workshop on "Geological research in Indo-Burma ranges"	DST, NRDMS, New Delhi	1000

2018	Lalrinsangi Nghinglova	Finishing School 2018	RIPANS	1000
2019	Lalrinsangi Nghinglova	National Seminar on Rethinking Tribal Identity	Dept of English, MZU Under UGC SAP DRS II	1000
2019	Lalhruaitluanga	Career Enhancement Skills and interaction with Alumni	Dept. of Comp.Science Alumni Committee, GZRSC	500
2018	Lalhruaitluanga	Faculty Development Program on enterpreneurship	Incubation Centre, MZU	500
2018	Zonunthari	Certificate Course in pollution	ENVIS Hub, Mizoram Pollution Control Board	1000
2018	Zonunthari	Seminar on Research Motivation	Research Seminar Committee	500
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Research Motivation		24/08/2018	24/08/2018	40	0
2018	Soft Skills and career readiness programme	Soft Skills and career readiness Programme	17/07/2018	17/07/2018	10	10
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Orientation Course	1	28/11/2018	17/12/2018	6
Orientation Course	2	12/03/2019	08/04/2019	6

Faculty Development Programme	3	04/02/2019	06/02/2019	6
Faculty Development Programme	1	27/05/2019	25/06/2019	6
Faculty Development Programme on en terpreneurship	1	10/09/2018	15/09/2018	6
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
47	66	18	18

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff welfare Committee	Staff welfare Committee	Student Support Committee

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The college receives funds from the state government, UGC, RUSA and other funding agencies. It also accrues funds in the form of fees (examination, University affiliation, student funds, etc). Fees collected in the college which are to be remitted to the government treasury and affiliating university are remitted annually as mandated by the government and the university. Student fees like sport, magazine etc are managed by the student union/council and the expenditure so incurred are internally audited by teachers appointed for the purpose during the time of handing over of charge to subsequent student leaders. Government Fund - The fund received from the government are audited by designated government officials from time to time. Other Funds - Other funds received from UGC, RUSA, Research grand are subjected to audit by registered Charter Accountant and Utilization Certificate submitted to the funding agency (S) as per mandate. Funds collected in the form of endowment/Poor fund is collected from faculty members on monthly basis and is distributed to students who require financial assistance by the Student support Committee.The IQAC conducts annual internal audit for the same. Funds received in the form of membership for Staff welfare committee and MCTA Branch is also audited internally.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Lalziki Memorial Fund	50000	award for best performing student in Home Science
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6.4.3 – Total corpus fund generated

152695

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	IQAC
Administrative			Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

.Parents attend Parent-Teacher meeting and give suggestions for improvement 2.Parents fill up Feedback forms as and when required. 3.Parents actively participate in the progression of their children by enquiring about them through their mentors 4.If called by teachers or principal for a discussion about a specific child or a specific problem parents have never shied away from their duty.

6.5.3 – Development programmes for support staff (at least three)

1.Encouraged to join course on computer Concept run by the college 2.Encouraged to join training courses organised by other institutes 3.Training in computer skills

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1.Selection of Best Performing department 2.Publication of yearbook 3.Creation of Language education Cell 4.Creation of Career counselling and Placement Cell 5.Starting of NCC Unit

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Soft skills and career readiness program	17/07/2018	17/07/2018	17/07/2018	60
2019	Workshop on career enhancement skill	22/03/2019	22/03/2019	22/03/2019	77
2019	Personality Development	16/05/2019	16/05/2019	22/05/2019	120
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Awareness Programme on womens rights	28/03/2019	28/03/2019	40	1
Awareness on Status of women	03/10/2018	03/10/2018	40	1

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The Institute has installed solar power (10 kva) to meet the requirement of the college in addition to the power received from the mainline and generator

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Rest Rooms	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	0	1	09/10/2018	5	Computer Clinic	Free Computer Services	12
2018	0	1	31/07/2018	4	Career Guidance and preparation of ginger squash	Career Guidance and Entrepreneuship	204
2018	0	1	31/08/2018	4	Training on fabric stencilling	Skill Development	204
2019	0	1	15/05/2019	4	Workshop on life skills and food adulteration	Skill Development	204
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics			
Activity	Duration From	Duration To	Number of participants
Lecture on Professionalism Social Etiquette	16/05/2019	22/05/2019	120

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1.Installation of 10 KVA solar power 2.Awareness campaigns in class rooms 3.Cleanliness drive conducted 4.Planting of trees in new campus 5.Awareness on ban of use of single plastics

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. TITLE OF THE PRACTICE: PERSONALITY DEVELOPMENT Personality is the sum of the characters that constitute the mental and physical being of a person including appearance, manners, habit, taste, and even moral characters. The personality of a person constantly undergoes a change and it can be developed for the better. Our programme seeks to adopt a holistic approach to learning. It works towards building confidence, mental health, image and creativity enhancement. It aims at bringing about positive change in our students who are positioned to face the greater challenges of life as they graduate from the college. It will also equip the students with the essential etiquette, protocol knowledge and refined social skills to enable them to face any social situation with confidence. 2. Goal: i) Develop the skills and potential of students. ii) Facilitate employability and establish careers. iii) To develop the personality of our students and mould them into responsible citizens. 3. Context: The youths of today are under tremendous pressure in order to carve out a niche for survival in life. They are subjected to fierce competitions against their peers not only in academics but also in job hunting and establishing careers. Besides their academic syllabus, it is felt that our students must be given additional training in relevant aspects so designed to widen their outlook and perspectives. Hence, a module for 'Personality Development' is designed for imparting these values, keeping in mind that the programme should be simple to manage, but rich in content. 4. The practice :The outgoing students of all streams undergo a short term course on personality development at the end of their final university examinations. The course usually stretches over a period of two weeks within which different life skills are imparted to the students. The course content ranges from IT for everyday life Basic computer application Interview skills Communication skills Common errors in English Psychological development Basic first aid skill Travelling Traditional values Manners etiquettes First Aid skills Time Management Personal grooming Counselling on choice of career in various streams Spoken Hindi Private entrepreneurship Visual communication and Animation Resource Persons are engaged from the teaching Faculty of the college as well as renowned experts from outside the college who are wellknown in their chosen fields. The College collaborates with able Faculty from Regional Institute of Paramedical and Nursing Sciences (RIPANS), Aizawl for teaching the basics of First Aid skills. Visits to RIPANS are sometimes conducted to enrich the programme. The Student Support Committee organises the programme in collaboration with the IQAC and the programme is funded by RUSA 5. Evidence of success : The programme met with an astounding response from the outgoing students. Feedback/evaluation mechanism collected from the participants show that the program is well received. More than 90 of the topics were found to be relevant for participants. The course provided them with necessary facilities and tools to face challenges that pertain to the

lifestyles and scenario faced by young adults in today's world. Courses that are rated irrelevant are dropped whereas new suggestions made by the students are taken into consideration. The feedback mechanism is a good indicator that the course is a major success among the students. 6. Problems encountered and resources required: The course is designed to accommodate all outgoing students from three streams science, home science and computer science. Since their university examinations ended on different dates, we faced minor problem in setting a time slot that would be convenient for all streams. Secondly some students from rural areas are unable to attend the course as they often have to go back to their homes as soon as they finish their university examinations. Choosing topics that would benefit all students from all streams and finding the right resource persons proved to be a little challenging. 1. TITLE OF THE PRACTICE: MENTORING SYSTEM 2. Goal: i) To provide more contact hours between teachers and students. ii) To maintain proper academic and attendance record of students. iii) To minimise dropout rates among students. iv) To identify slow learners and advanced learners. 3. The context : The institute has followed the suggestion made by the QAC cum CDO, Higher Technical education to introduce the mentoring system. The institute felt the importance of integrating such a system into the college management system. It had promptly and effectively put it into practice in the past two years. With a wide variation in the student population with regard to educational and economic background, the system promises to provide a better understanding of individual students and bring out their highest potential. It also appears to be the most effective method/weapon for mitigating cases of dropout students. 4. The Practice : The IQAC had taken the initiative to implement this system. Every year the names of all students are collected and arranged according to their subject choice. They are divided into groups of 1015 students depending on the number of students. Each group is assigned a teacher/mentor who is responsible for collecting academic performance and class attendance of individual students. The teacher/mentor is given necessary information regarding his/her mentees and is expected to offer guidance and counselling as and when required. In isolated cases parents are called for special meetings with the Principal at the suggestion of the mentor. 5. Evidence of success:Though the system has only been implemented in the last few years, significant improvement in the teacherstudent relationship can be seen. The system has been useful in identifying slow learners and advanced learners. Based on the requirement deduced through a careful examination of each mentor's report, the institute organizes a remedial class on different subjects within the syllabus for poor/slow learners. The remedial classes have become systematized after the implementation of this system. NEEDBASED remedial classes have proved to be beneficial to the students in particular and the entire college in general. The system has also been used to identify students who need financial support. The faculty has been contributing towards an endowment fund for students every month. The Corpus fund raised from the collection of such fund is distributed to students who are identified through the mentoring system .There appears to be a lesser number of dropouts since mentors can intervene before a student falls short of attendance or has been regularly abstaining from classes. 6. Problems encountered and resources required The division of students into group proves to be a tedious exercise with some students opting for other courses now and then. Due to time constraint the teacher /mentor is unable to have sufficient time with the mentees Most of our students are reserved and some are too complacent to come out with their problems thus limiting the mentors capacity to render help. The system does not incur much expenditure. It only requires utmost commitment from teacher/mentor. 7. Notes (optional): The IQAC continually strives towards the improvement of the system. Contact hours with the students are ensured by inclusion of Mentor's —Meet in the academic calendar. The system helps in identifying the aims and ambitions of the students according to which career guidance classes are held. Mentoring reports are submitted to the IQAC to

ensure that the programme is carried out effectively. 1.TITLE OF THE PRACTICE: Extension and Outreach Program 2.Goal : With the motto of the college "Lighted to Lighten" as our vision the college endeavours to make substantial contribution towards the society though extension services. 3.Context :The institute intends to carry out more extension programmes to cater to the need of the society and mould our students into responsible citizens. 4.The Practice:The Department of Computer Science has been conducting free computer clinic every year. In this programme the department repairs computers and laptops of students, faculty members and people residing within the vicinity of the college. Students as well as faculty members of Computer science are actively involved in repairing the software and hardware of computers/laptops of their clients for free. Information for such programme is given out through local newspapers. The Home Science department has been carrying out extension programs through voluntary works at crèches, old age homes etc. They have also been organising free cooking classes for women of the locality where jam making and pickle making have been taught. The Institute has adopted a school and a committee has been set up for the purpose. Career awareness and skill development classes has been organised. Faculty members and students will be continually rendering their services towards this programme 5.Evidence of Success : Local community have expressed their gratitude towards the college for offering extension services like Free Computer Clinic,cooking class,opening of legal clinic in collaboration with Mizoram State legal Services authority which have benefitted the local community as well. 6.Problems Faced : With limited resources and time constraint the institute is not able reach its full potential. 7. With the adoption of extension and outreach programme as a Best practice the institute intends to further develop the practice in keeping with the college motto.More students will be involved so that they are taught social responsibility.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://gzrsc.edu.in/best-practices-during-2018-2020

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The institute has been established by the Government to be the first science college under the Motto 'Lighted to Lighten" .The distinctiveness of the college lies in the fact that it is the only college dedicated purely to the study of Science and the only college in the state of Mizoram to offer Home Science as a stream. It also offers a course in Computer Science.The mission of the college is to cater to the need for undergraduate –level science education in Mizoram. The college has endeavoured to execute and disseminate quality education in various fields of science and technology. As the motto suggests, the principal goal of the institution is to impart knowledge and skills and facilitate students to disseminate their knowledge to the society. The main objectives of the college are :a) To be at par with esteemed colleges outside the state in terms of teachinglearning process and also in terms of research output. b) To continuously strive to provide a platform for more students who cannot afford to pursue higher studies elsewhere. It is the priority of the college to meet the needs and demands of the students of the students of Mizoram which, in spite of high literacy percentage still lags behind in the field of science and technology. Progression of students is the priority of the institute and several steps have been adopted to thrust the institute forward in its primary goal. Student Support programmes such as certificate and cash incentive, career counselling, Personality development, Mentoring system, Coaching for entry into services, Remedial classes and Students' feedback

system have been systematically introduced, developed and institutionalised.The college will focus on its extension programmes to serve the localcommunity.It endeavours to carry out more extension and oureach programmes which will benefit both students and the local society.Such programmes will fall in tandem with college Motto Lighted to lighten.Free Computer cinics have been held regularly by the department of computer Science to benefit people living in the vicinity of the college.Faculty and students of Computer Science have been actively involved in repairing computers,laptops of local persons.The department of Home science have been visiting and offering voluntary services at old age homes and spastic schools every year.The college has adopted a school where extension programs will be carrried out.It is the vision of the college to impart knowledge to the students who will in turn spread their knowledge and offer their service to the society.

Provide the weblink of the institution
https://qzrsc.edu.in/administrations/institution-distinctiveness

8.Future Plans of Actions for Next Academic Year

The IQAC will continue to take active steps in ensuring quality enhancement through measures like preparation of academic calendar, mentoring system, organising parent-teacher meet, collection of feedback from stakeholders etc. Selection and award of best department which was initiated in the previous year has proven to be an effective motivator to all departments. It has created a healthy competition amongst the department to perform to the best of their capacities. The Hence selection of best department will continue as a future plan of action for the next academic year. Documentation is of utmost importance and the publication of the yearbook 2018 has been a significant achievement towards the same. Annual publication of yearbook has also been included as a future plan of action. Efforts will also be made to obtain ISBN marking for the yearbook. The future plan of action for the next academic year will also include motivate of teachers to apply for minor and major research projects from funding agencies. The college seeks to implement more student-centric activities hence more student oriented programmes will be introduced in the future. The institute has been attempting to build proper network with industry and other institutions .Collaborations have been made with private industries and MOU has been signed. More collaborations will be made with industries and other institutions to further improve academic and research temper. Extension and outreach programs will be further stepped up to ensure community services in tandem with our college motto. Optimum utilization of available fund and infrastructure has always been the mission of college to ensure quality sustenance and enhancement. Inspite of inadequate infrastructure it is the policy of the college to utilise all available space for academic and research purpose. Inspite of the optimum use of every available space, common room facilities for girls need to be established at the new campus as the present campus is devoid of such facilities. At present only separate toilets are made available as the present campus is not big enough to house these requirements. It is envisaged that with support from the Government the college will be fully residential in the near future, equipped with necessary and state of the art infrastructure, and act as a catalyst to bring about change for the entire state.