




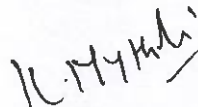
**INSTITUTIONAL ASSESSMENT AND ACCREDITATION  
(Effective from July 2017)**

**Accreditation - (Cycle - 3)**

**PEER TEAM REPORT ON  
INSTITUTIONAL ACCREDITATION OF  
GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE  
C-8287  
Aizawl  
796007**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
An Autonomous Institution of the University Grants Commission  
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA**

 K.S. Pushl-

 K. Myndi

**Section I: GENERAL INFORMATION**

1.Name & Address of the institution:	GOVERNMENT ZIRTIRI RESIDENTIAL SCIENCE COLLEGE Aizawl Mizoram 796007	
2. Year of Establishment	2000	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	1	
Departments/Centres:	11	
Programmes/Course offered:	8	
Permanent Faculty Members:	50	
Permanent Support Staff:	24	
Students:	914	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. One and only college offering Home Science at under graduate level in the state of Mizoram. 2. students are getting University ranks. 3. On line radiation measurement system is available in College.	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	Visit Date From : 22-03-2022 Visit Date To : 23-03-2022	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. RODDA SAYANNA	FormerVice Chancellor,KAKATIYA UNIVERSITY
Member Co-ordinator:	DR. K S PUSHPA	Professor,THE GANDHIGRAM RURAL INSTITUTE GANDHIGRAM
Member:	DR. MYTHILI KETHAVARAPU	FormerPrincipal,GOVT COLLEGE FOR WOMEN SRIKAKULAM
NAAC Co - ordinator:	Dr S Sreenivasa	




## Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion I - Curricular Aspects (Key Indicator and Qualitative Metrics (QIM) in Criterion I)	
1.1	Curricular Planning and Implementation
1.1.1 QIM	<b>The Institution ensures effective curriculum delivery through a well planned and documented process</b>
1.1.2 QIM	<b>The institution adheres to the academic calendar including for the conduct of CIE</b>
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	<b>Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum</b>
1.4	Feedback System

### Qualitative analysis of Criterion 1

Government Zirtiri residential science college, is located in Aizawl, the capital city of Mizoram. It has a beautiful sprawling campus. The college is an exclusive science college offering 10 UG courses. College has introduced one new programme since last five years. The College is affiliated to Mizoram University. College effectively implements curriculum designed and developed by Mizoram University. Nine faculty members have been contributing significantly to the design and development of curriculum as members of BOS. The Institution has taken care of the effective implementation of the curricula and completion of course from time to time. The IQAC in consultation with the Heads of Department has formulated a common lesson plan and a monthly teaching report format which gives a comprehensive report of classes conducted by each teacher. Every teaching faculty adheres to the lesson Plan set by them and indicates the completion of each sub-unit for every class taken in the report. The College follows a mentoring system whereby the progress of individual students is monitored. The system provides interface meetings with students whereby individual problems are identified and remedial measures are taken. For certain subjects where syllabus may not be effectively covered, remedial classes and extra classes are held. IQAC prepares the Academic Calendar at the beginning of each semester in tandem with the Academic calendar prepared by the University to which the institute is affiliated. The Calendar serves as an important guideline to teachers who are expected to complete the syllabus within the stipulated time specified in the calendar. Continuous Internal Evaluation (CIE) system is in place. The dates for conduct of first, second and third internals are fixed in both odd and even Academic calendars and the institute adheres to it unless there arises unforeseen contingency. College offers CBCS semester system for UG programmes. College also offered 10 add-on courses during last five years. Cross cutting issues relevant to gender, environment, human values and professional ethics are included in curriculum, and the college also supplements the curriculum by organising special programmes. The gender equity is well maintained in the college and the grievance of the girl students is adequately taken up. Formal mechanism to take feedback on Curriculum from stake holders needs to be developed.



K. S. P. S. H.

K. M. M. M.



Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QIM	<b>The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners</b>
2.3	Teaching- Learning Process
2.3.1 QIM	<b>Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences</b>
2.3.2 QIM	<b>Teachers use ICT enabled tools for effective teaching-learning process.</b>
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QIM	<b>Mechanism of internal assessment is transparent and robust in terms of frequency and mode</b>
2.5.2 QIM	<b>Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient</b>
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	<b>Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.</b>
2.6.2 QIM	<b>Attainment of programme outcomes and course outcomes are evaluated by the institution.</b>
2.7	Student Satisfaction Survey

#### Qualitative analysis of Criterion 2

The Student admissions are made as per the rules laid down by affiliating University and state government. The statutory reservation follows. The admission notification is publicized through print, digital and electronic media .It has a transparent admission process through admission committee and it adheres to inclusion policy. College sensitize its students on issues like gender, environment, and inclusion through seminars, guest lectures etc Faculty identifies slow learners and advance learners at the beginning of the academic year. They strive hard to enable the slow learners improvement by way of conducting remedial coaching, tutorials, home assignments and self-study . The college has evolved various methods to make student centric learning like project based learning, field work, library work, etc. There are 20 teachers with Ph.D. The college has encouraged teachers to update their knowledge skills by nominating them to refresher courses , orientation courses, workshops, and to pursue part time doctoral research .Permanent teacher recruitment process is as per MPSC norms and college employed 06 casual teachers .Evaluation process framed by the affiliating university is followed by the college. Continuous evaluation and internal assessment of 30% is in practice in all UG programmes .The institution has registered good results in UG courses. The conduct of student satisfaction survey is evident and needs improvement. The programme specific outcome and course outcome are neither displayed on website nor communicated to the students. Detailed analysis may be made continuously to improve the teaching learning process.



K S. P. S. H.

K. Mykhi

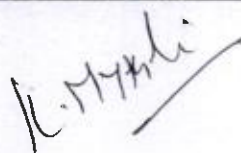
Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Research Publications and Awards
3.3	Extension Activities
3.3.1 QIM	<b>Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.</b>
3.4	Collaboration

#### Qualitative analysis of Criterion 3

A few initiatives for creation and transfer of knowledge has been taken. The college is having only undergraduate courses, hence there is no much research activity is going on. Two major research and two minor research projects are carried out during the assessment period funded by DAE-BRNS and UGC and Directorate of Science and Technology, Government of Mizoram. Few teachers are pursuing their doctoral research. Faculty members published 47 research papers and contributed 53 Books and Book chapters. Faculty members have contributed research papers in conferences and seminars. College has organised two state level and two National level seminar, and during pandemic they have conducted webinars at National and International level. College is yet to create an eco system for innovations including functional incubation centre. Advanced Radiation Physics research lab and Institutional Biological research lab are recognised as research lab by Mizoram University. Two faculty members of this college are recognized as Joint research supervisors by the affiliated University. The college has some linkages and LOS for field trip, on job training, internship etc., during last five years. The college is associated with International Institute like George Mason University and Columbia University and National Institute like Baba Atomic Research Centre, Mumbai and IIT, Mumbai. Though there are few MoUs, the college needs more meaningful efforts to increase the number. Extension activities are done through NSS, NCC about social evils and moral values. Students are proactive in providing voluntary service whenever natural calamities occur. Students are encouraged to involve in community activities by allocating one credit for their participation in I and II year of course study. Department of Geology has been conducting extension activities in collaboration with National and International Institutes. The department has published seismic map of Mizoram for June and July 2020. During pandemic, college has prepared and distributed hand sanitizers and masks.



K.S. Poshf-  
23/3/22





Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	<b>The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.</b>
4.1.2 QIM	<b>The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.</b>
4.2	Library as a Learning Resource
4.2.1 QIM	<b>Library is automated using Integrated Library Management System (ILMS)</b>
4.3	IT Infrastructure
4.3.1 QIM	<b>Institution frequently updates its IT facilities including Wi-Fi</b>
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	<b>There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</b>

#### Qualitative analysis of Criterion 4

The college is having two campuses. The new campus is situated on a 8 acres with built up area of 12074Sq mt . It has needed facilities to carry out curricular and co curricular activities including 18 LCD Projectors, well equipped Science and IT Labs, Library with spacious reading room, Internet with Wi-Fi facility .For Extra curricular activities, college has play ground ,Auditorium, and Seminar Halls which are inadequate .For Outdoor games, the college is utilising community and near by schools play ground. College provides limited Hostel facilities for Boys and girls and CCTV for security. Library with a large Reading room is partially automated. It uses integrated Library Management System (ILMS)SOUL 2.0 software. Average number of Walk ins are very low. Computers with Internet facility is available in the Library. Library has the membership of UGC N-list Programme. The annual expenditure for purchase of books and journals in the last five years is very low. 117 Computers are available in the college for students and staff use. LCD Projectors ,OHP, Scanners, and Printers are also available for teaching, Learning and Research Purpose. Department of R&B for taking care of the maintenance of the buildings. Equipment Maintenance Cell looks after essential repairing and maintenance of campus facilities. Budget allocation is made for the maintenance of Infrastructure. Up gradation of physical and academic infrastructure is needed.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QIM	<b>Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )</b>
5.4	Alumni Engagement
5.4.1 QIM	<b>There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services</b>

#### Qualitative analysis of Criterion 5



The college has made provision for welfare of students by offering number of facilities and financial assistance . Scholarships to the students are available as per government norms. The college has developed mechanism to resolve student grievances. Anti ragging and Anti sexual harassment cells are functioning. Progression of the student in UG is satisfactory. College have elected Students Union. To promote leadership qualities among students, they are nominated in different Academic and Administrative Committees like IQAC ,sports and other committees. The college is having two buses for the transportation of students. The college is having 6 NSS and one NCC units (for boys and girls). Eco club and cultural clubs are proactive. The college has Organised few cultural activities during last five years. College has an registered Alumni Association which organises many programmes in the college. Their contribution in terms of finance to the development of the institution is not at desired level. It plays a vital role in strengthening the students extra curricular activities. The association needs to be more active and more functional. Students and alumni are the stakeholders in the feedback system.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	<b>The governance of the institution is reflective of and in tune with the vision and mission of the institution</b>
6.1.2 QIM	<b>The effective leadership is visible in various institutional practices such as decentralization and participative management</b>
6.2	Strategy Development and Deployment
6.2.1 QIM	<b>The institutional Strategic / Perspective plan is effectively deployed</b>
6.2.2 QIM	<b>The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules and procedures, etc.</b>
6.3	Faculty Empowerment Strategies
6.3.1 QIM	<b>The institution has effective welfare measures for teaching and non-teaching staff</b>
6.3.5 QIM	<b>Institutions Performance Appraisal System for teaching and non-teaching staff</b>
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	<b>Institution conducts internal and external financial audits regularly</b>
6.4.3 QIM	<b>Institutional strategies for mobilisation of funds and the optimal utilisation of resources</b>
6.5	Internal Quality Assurance System
6.5.1 QIM	<b>Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes</b>
6.5.2 QIM	<b>The institution reviews its teaching learning process, structures &amp; methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities</b>  <b>( For first cycle - Incremental improvements made for the preceding five years with regard to quality</b>  <b>For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives )</b>

K.S. RUSHI-  
23/3/22

### Qualitative analysis of Criterion 6

The College has well defined vision and it enlightens and empowers the student community of Aizwal, through various activities . College offers quality education to the needy students through organisational structure like State government, Mizoram University, Principal and staff. College has strived hard for grooming leadership qualities among the staff through various committees at college level. The nomination of students to few committees has helped in grooming leadership qualities among students. Institution continuously monitoring the professional development of its staff by nominating them to different programmes. The college is organising programmes like computer training and pedagogical training programmes . The institution has system for regular Performance Appraisal system for teaching staff. State government service rules are followed in case of non teaching staff. Academic and Administrative Audit was done by Higher and Technical Education, Government of Mizoram. Welfare schemes include Group Insurance Scheme, PF, Interest free festival advance, Maternity and paternity leave. Internal audit conducted at college level and external audit conducted by AG office periodically. The college mainly depends on state government and RUSA for financial resources. The College has structured IQAC and involved in channelizing the quality maintenance, sustenance and enhancement. 20 meetings are conducted by the IQAC during the last 5 years . Proper documentation of activities proper all committees needs to be in place.

### Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)

7.1	Institutional Values and Social Responsibilities
7.1.1 QIM	<b>Measures initiated by the Institution for the promotion of gender equity during the last five years.</b>
7.1.3 QIM	<b>Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)</b> <ul style="list-style-type: none"> <li>• Solid waste management</li> <li>• Liquid waste management</li> <li>• Biomedical waste management</li> <li>• E-waste management</li> <li>• Waste recycling system</li> <li>• Hazardous chemicals and radioactive waste management</li> </ul>
7.1.8 QIM	<b>Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).</b>
7.1.9 QIM	<b>Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).</b>
7.1.11 QIM	<b>Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).</b>
7.2	Best Practices
7.2.1 QIM	<b>Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.</b>
7.3	Institutional Distinctiveness
7.3.1 QIM	<b>Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words</b>

### Qualitative analysis of Criterion 7

*K S Singh*

*K. M. Singh*



The College has taken several steps to address safety and security of the girls students. They have installed CC cameras , appointed security guards , Lady caretaker to look after the safety and security of the large number of women students. It has Women's welfare committee to take care of the academic, psychological and emotional problems of women students. College has small girls waiting room with washroom facility. Non -biodegradable waste is dumped into dumping yard. Biodegradable waste is allowed to decompose for usage as manure. Usage of Plastic bags are discouraged. There is no formalised e-waste management system. College is provided with rain water harvesting system. Bicycles are used at minimum level. Solar panels are installed in the old campus. Green Audit, energy audits are not in practice. Institution is disabled stake holder friendly, with ramps . The institution has taken up various efforts and initiatives to provide an inclusive environment in ways to maintain , inculcate, tolerance and harmony among the students towards cultural, regional and linguistic. Institute organizes ID, RD, Gandhi Jayanthi, Women's day, Vivekananda birth anniversary, teachers' day, and National science day to inculcate National spirit among students. The college promotes a few best practices for quality education. Among them mentoring system for students and organise out reach programmes are important.

### Section III:OVERALL ANALYSISbased on Institutional strengths,Weaknesses,Opportunities & Challenges(SWOC)(up to 500 words)

#### Overall Analysis

#### Strength:

- Premier Institution with a track record of reputation.
- More number of Women students enrolled in the college.
- The one and only college is offering Home science programme in the state.
- Academic and non-teaching staff are committed and work culture exists.
- Good number of teachers with doctoral degrees.

#### Weaknesses:

- Inadequate infrastructure for sports and games.
- Absence of Publication of research journal of the college
- Absence of women empowerment strategies.
- In sufficient infrastructure with less number of smart class rooms.
- Lack of job oriented professional programmes and restructured courses.
- No Placement cell.

#### Opportunities:

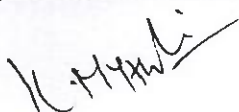
- Inadequate infrastructure for sports and games.
- Absence of Publication of research journal of the college
- Absence of women empowerment strategies.
- In sufficient infrastructure with less number of smart class rooms.
- Lack of job oriented professional programmes and restructured courses.
- No Placement cell.

#### Challenges:

- Maintenance and expansion of physical and academic infrastructure.



K.S. Push



- Adoption of modern ICT-based Teaching, Learning Methodologies (TLMs).
- Resource mobilization.
- Campus placement for the students.
- Bench marking in select programmes.

#### Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to ten major ones and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- Appointment of Permanent Librarian
- Strive to get autonomous status
- Establishment of a Women Study cell.
- Provide coaching classes for competitive examinations.
- Introduction of more add on courses and professional programmes
- Attempt to get more major research projects from funding agencies.
- Outdoor sports and games facilities to be established
- Quality Publications should be encouraged.
- Enhancing the hostel facilities.
- IQAC should be geared up to enhance institutionalised quality process.

I have gone through the observations of the Peer Team as mentioned in this report

*[Handwritten signature]* C.S. Pishl  
K. Pishl

Signature of the Head of the Institution

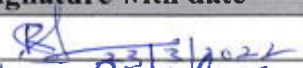
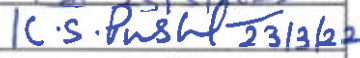

*[Handwritten signature]*



Seal of the Institution

FIGU D. ZULIANA  
Principal  
Govt. Zirtiri Resi. Sc. College  
Aizawl : Mizoram



Sl.No	Name		Signature with date
1	RODDA SAYANNA	Chairperson	 23/3/2022
2	K S PUSHPA	Member Co - ordinator	 23/3/22
3	MYTHILI KETHAVARAPU	Member	 23/3/22
4	Dr S Sreenivasa	NAAC Co - ordinator	

Place AIZAWL

Date 23-3-2022

NAAC