YEARLY STATUS REPORT - 2023-2024

Part A	
Data of the Institution	
1.Name of the Institution	G H Raisoni Institute of Engineering and Technology, Nagpur (Currently known as G H Raisoni College of Engineering and Management, Nagpur)
• Name of the Head of the institution	Dr. Vivek Kapur
• Designation	Director
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07104237688
• Mobile no	9890100895
• Registered e-mail	principal.ghrietn@raisoni.net
• Alternate e-mail	vivek.kapur@raisoni.net
• Address	Shradha Park, B-37/39/1, Hingna-Wadi Link Road
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	440016

2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Self-financing
• Name of the Affiliating University	The Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
• Name of the IQAC Coordinator	Dr. Seema Raut
• Phone No.	09823867156
• Alternate phone No.	07104236102
• Mobile	09823867156
• IQAC e-mail address	seema.raut@raisoni.net
• Alternate Email address	seema.raut@raisoni.net
3.Website address (Web link of the AQAR (Previous Academic Year)	https://ghrcemn.raisoni.net/iqac
4.Whether Academic Calendar prepared during the year?	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	https://ghrcemn.raisoni.net/academic-calendar

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	A+	3.5	2019	01/05/2019	30/04/2024
Cycle 1	B	2.16	2014	05/05/2014	04/05/2024

6.Date of Establishment of IQAC	01/08/2012

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Artificial intelligence	Conference	DST SERB	2023, 1Year	1.5 Lakh
Artificial intelligence	ATAL	AICTE	2023, 1Year	3.5 Lakh
Computer Science and Engineering	FDP	EICT Academy IIT Roorkee	2023, 1Year	0.61 Lakh
Civil Engineering	RGSTC	RTMNU, Nagpur	2023, 2Years	2.2 Lakh

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
• Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	2
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Increase in conduction of value added courses/ skill training programs Conducted more number of activities under MOUs Conducted seminars, expert lecture and carrier guidance program for students Centre of Excellence: Block Chain Technology Lab Centre of Excellence: AR VR Lab

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

Plan of Action	Achievements/Outcomes
Apply for grants and funding proposals	Received funding for various proposals.
Conduction of Faculty Development Program (FDP)	Successfully organized FDP’s in collaboration with premier institutions

	or funded by IEEE Bombay Section, etc.
Faculty and Student participation in MOOCs	More Faculty members and Students participated in MOOCs as compared to previous years
Well planned academic activities	Conduction of CAE, TAE, Mid Sem and End Sem Practical Examinations and End Sem Theory examinations
Conduction of Guest Lectures by various NIT/IIT/Industry Experts	Successfully conducted guest lectures by experts from renowned institutions and industries.

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
Internal Quality Assurance Cell	19/12/2024

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022-23	27/02/2024

15.Multidisciplinary / interdisciplinary

While designing curriculum, GHRIETN ensures a holistic, multi-disciplinary approach, to disseminate knowledge. Also enhancing the Skill set of the students has been focused. New curriculum provides flexibility in Multidisciplinary and Interdisciplinary subjects emphasising on Creativity, Innovation, Project based learning and Experiential Learning, so as to become self-employable. The students are given an opportunity to select electives based on their interest in both professional and open electives. Honor and minor degree is offered with the objective to provide additional learning opportunities for advanced learners to acquire interdisciplinary knowledge. Open Elective subjects can be chosen by students to provide an opportunity to cover interdisciplinary knowledge. Students are involved in Project Based Learning in second year, Minor Projects and Main Projects in final year. Further, students are also encouraged to undergo projects in the interdisciplinary and multidisciplinary mode, with students formulating teams and participating in various technical contests. Soft, communication and managerial skills courses are also part of the curriculum in addition to science and engineering. Experts from industry domains are regularly invited for expert sessions on various subjects. Institute inculcates social responsibility in the students by providing services and engagement to the local community through NSS

activities. Orientation/Induction program includes multidisciplinary perspectives in the area of engineering, environment, values and society.

16.Academic bank of credits (ABC):

The Institution has started registration of students for ABC. Further the institute also encourages and ensures that the students take up SWAYAM / MOOCs offered by premier institutions of the country to enhance their technical skills. The Institution will adopt these relevant online courses to appropriate programmes to enhance the student's skill competence and prepare for the eligibility to have the benefit of Academic Bank of credits.

17.Skill development:

The institute takes initiative in the Capacity building, skills enhancement, soft skill of the students. As part of the curriculum, internship, field projects are undertaken to enable the students to acquire relevant work experience and employability skills such as planning, problem solving, team work, adaptability. The institution believes that the skills like creative/critical thinking, problem solving ability etc. are extremely vital along with skills in self-management such as active learning, resilience, stress tolerance management, and flexibility. Towards reskilling and up-skilling, the institution has numerous functional Memorandum of Understanding (MoUs) with various companies, professional bodies and organizations to develop the skills required to fill the gaps between the industry and academia. Further, various hands-on training sessions are organized in collaboration with industries to equip students in different current technologies. The institution promotes the student and the faculty to learn a new skill sets which are increasingly accessible through digital technologies. There are also various students' professional body chapters in the institute which provide platform to develop technical hard skills and soft skills through various co-curricular and extra-curricular activities.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

The course Indian knowledge system introduced for first year engineering students in curriculum from the current academic year as per NEP guidelines. The students admitted to the institute are from various religious, cultural, and geographical backgrounds. The institution aims to cater to the needs of students from different echelons of the society with appropriate integration of Indian knowledge system. Various programs of the institution have clubs which actively organize different cultural activities, sessions on creative art, culture and literature. Annual social gathering named 'Antaragni' is also arranged to imbibe language skills along with performing art which results in augmentation of Indian culture and values. Different festivals and days are celebrated across religions through National Service Scheme of the institution with an aim to

promote diverse languages and culture. As an outcome, students actively participate in different intra/inter collegiate competitions.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome based education (OBE) is actively being integrated in the institute. All the programmes have well defined programme specific outcomes, course specific learning outcomes and program educational objectives (COs, POs, PSOs and PEOs) in a defined way. The direct and indirect assessment method includes the internal assessment (at institute level) and external assessment (at university examination level) and appropriate weightage is assigned to all assessment levels. The students are assessed in the form of performance-based tasks and activities such as Project Based Learning. At the end of the every semester, for every subject, the CO-PO attainment is calculated. Observations / remedial / conclusions are drawn at department level and remedial action is taken wherever necessary.

20.Distance education/online education:

GHRIETN is well equipped with all the facilities for online teaching and learning facilities including desktops, laptops, smart boards, projectors, digital writing pads, LAN and Wi-Fi internet connectivity, etc. ICT enabled tools are used in the teaching learning process. Duringonline learning through Cisco Webex has been provided to students during pandemic. On the Google Classroom platform, faculties are uploading various learning resources such as notes, practical write up, assignments, etc. The students are pursuing online certification courses offered on the platform NPTEL, SWAYAM, etc. For completion of on line courses, the platforms like MOOCs, Coursera, etc. are adopted by the faculty and students. The institution has developed Learning Management Systems called 'Cyber Vidya' to track the teaching and learning of the students. This has been used to plan, implement, facilitate, assess, and monitor student learning. It has been used to support traditional face-to-face instruction, as well as blended learning.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	26

File Description	Documents
Data Template	View File

2.Student

2.1	5150

Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	1424

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	1222

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	258

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	258

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	111
4.2 Total expenditure excluding salary during the year (INR in lakhs)	4516.62
4.3 Total number of computers on campus for academic purposes	1637

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The primary aim of the curriculum is the holistic development of students. At the beginning of each academic year, the academic calendar is prepared by the Dean of Academics and approved by the institute's Director. Once the institute's academic calendar is finalized, each department prepared its own academic calendar. All HODs conduct meetings to distribute workloads, assign subjects, plan departmental activities and review syllabus progress. The college promotes academic flexibility by allowing students to freely choose from a range of elective courses through a well-documented process conducted prior to timetable preparation. Course coordinators play a crucial role by designing detailed teaching plans and preparing study materials, including lecture notes, question banks, PowerPoint presentations, and laboratory manuals. For newly admitted students, an orientation program, called Prarambh, is organized, featuring a variety of activities such as guest lectures, yoga sessions, awareness programs for both girls and boys, as well as sports activities, fostering a holistic learning environment. The curriculum is designed to align with Course Outcomes, Program Outcomes and Program Specific Outcomes. The course syllabus and expected outcomes are communicated to students during the first lecture. CO, PO, and PSO mapping is conducted, and attainment is evaluated at the end of each semester to identify and address any gaps. Parent-teacher meetings are held once every semester to foster communication and collaboration. The Teacher Guardian Scheme enables close monitoring of students' academic progress, helping to identify and support those lagging in any subject during continuous evaluation.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ghrcemn.raisoni.net/academic-calendar

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The institution strictly follows the academic calendar, including the schedule for conducting continuous internal evaluations, as per the guidelines provided by the institute. Institute developed its own rubrics for theory as well as practical's. Practical sessions are conducted and evaluated regularly, with Presentation, Technical

Skills, Discipline, and Knowledge(PTDK) sheets maintained across all departments to ensure consistent assessment of laboratory work.All Class Assessment Examinations(CAEs), Internal Mid-Semester Practical Examinations(IMPEs), Internal End-Semester Practical Examinations(IEPEs) and End-Semester Theory Examinations (ESEs) are conducted as scheduled and evaluated on regular basis. Teacher Assessment Tests (TAEs) are organized as per the pre-approved plan shared with students, for evaluation proposed. Library and sports hours provide opportunities for students to engage in activities beyond academics. The institution also hosts professional society chapters such as IEEE, ISTE, and IETE, alongside various student clubs and an active NSS cell. Bridge courses and value-added programs were introduced as part of curriculum enrichment efforts, with students earning certifications from platforms like MOOCs, SWAYAM, and NPTEL.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://ghrcemn.raisoni.net/academic-calendar

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

23

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

64

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

2027

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

AICTE and UGC guidelines, along with the model curriculum, are examined to ensure that adequate weightage is given to cross-cutting concerns by integrating relevant elements into the teaching-learning process. Various strategies are employed to effectively incorporate these issues into the curriculum.

Professional Ethics: The institute emphasizes holistic development by incorporating Entrepreneurship Development, Ethics & Professional Competencies, Cyber Ethics and Moral Responsibility, Technical Report Writing, Campus Recruitment Training, Aptitude and Communication Skills, Intellectual Property Rights (IPR), and practices of professional societies into the curriculum. Additionally, the institute has a robust plagiarism policy that

ensures all theses and publications undergo thorough plagiarism checks to maintain academic integrity.

Gender: The institute has established dedicated committees, such as the Women Cell and the Student Grievance Cell, to address specific concerns, promote a safe and inclusive environment.

Human Values: The institute offers a variety of courses under human values, such as Universal Human Values (UHV), Applied Life Skills for Progressive Excellence, Content Designing and Media Fundamentals, Cyber Ethics and Moral Responsibility, and Social Internship. Additionally, the institute has an active NSS cell that organizes social service activities to foster human values.

Environment and Sustainability: Students are increasingly aware of environmental and sustainability issues, supported by a curriculum that includes courses such as Waste Management, Environmental Chemistry and Engineering, Energy Conversion & Audit, Solar PV System, Non-conventional Energy Sources, Hydrology and Water Resource Engineering, Wastewater Engineering, Green Building, Air Pollution, Groundwater Management, and Battery Technology.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

23

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Institutional Data in Prescribed Format	View File

1.3.3 - Number of students undertaking project work/field work/ internships

1253

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://ghrcemn.raisoni.net/iqac
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://ghrcemn.raisoni.net/iqac

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1876

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

1424

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The departments track the progress of slow learners through assessment. Some advanced students are encouraged to mentor weaker students and assist them. Additional instruction is taken if necessary, revision classes and counseling sessions are conducted.

For Slow learner:

- Teacher – Guardian scheme is employed in which each faculty has assigned 20 students for resolving their problems related to academics and personal issues if any.
- Peer teaching is helpful to the students to understand the concepts of subject.

For Advance learner:

- The institute have NPTEL local chapter and faculties are register for NPTEL courses & encouraged students to for the online courses being a part of their curriculum.
- Facility of e-books, e-journal, NPTEL video is provided to the students.
- Honors andMinor Certification.
- Industry based projects are also given to the students so that know the practical problems faced by the industry and find solution.
- The students are encouraged and guided to participate in different project competition and conferences.
- Different books for the preparation of GATE, CAT, UPSC, MPSC exams are available in the central library. Magazines are also made available for the students.
- In order to enhance performance different activities such as NSS, Cultural, and Sports to develop their overall personality.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/notice
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
5150	258

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

In the ever-changing field of education, the Institute places a strong emphasis on student-centric approaches that foster deeper learning opportunities. Each program uses virtual labs, open-ended experiments, internships, NGO internships, industry visits, industry-based projects, multidisciplinary projects, hands-on value added courses, and the opportunity to work at the Institute's Centre of Excellence labs, where students gain practical skills that are useful for their present and future endeavours in addition to theoretical knowledge. Every program at the Institute provides clubs, forums, technical activities, and yearly technical and non-technical events for participatory learning. We frequently host international conferences that help our students develop a culture of knowledge sharing, industry linkages, and teamwork. Final-year students are required to publish their papers at reputable conferences and journals. Students are strongly encouraged to participate in several sports and project competitions at the state and national levels in order to develop their whole personalities.

The foundation of education is provided by problem-solving techniques, which give students a useful toolkit to handle the challenges of the actual world. Mini models, mini projects, technical quizzes, circuit-making competitions, debate competitions, PowerPoint presentations, and skill-development programs all help to foster critical thinking in our pupils.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://ghrcemn.raisoni.net/photo-gallery

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

In today's digital age, the integration of Information and Communication Technology (ICT) tools in education has transformed the teaching-learning process, enhancing both engagement and effectiveness. Teachers who leverage ICT tools, such as interactive whiteboards, educational software, and online resources, can create

a more dynamic and interactive classroom environment. These technologies cater to diverse learning styles and personalized learning experiences, allowing students to explore subjects at their own pace.

ICT tools facilitate collaborative learning through platforms that students to work together on projects, share resources, and communicate beyond the classroom walls. For instance, virtual classrooms and discussion forums foster peer interaction and feedback, which are crucial for deeper understanding. Additionally, teachers can utilize data analytics from educational software to track student progress and identify areas requiring additional support, ultimately promoting a more tailored approach to instruction.

By embracing ICT, educators not only enhance their teaching practices but also prepare students for a technology-driven world, equipping them with essential skills for their future. The effective use of ICT in teaching not only enriches the learning experience but also empowers students to take ownership of their education, making learning more relevant and enjoyable.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View File

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

258

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

258

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded

List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

52

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

5

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The evaluation process is continuous, significant portion of the weightage is allocated to internal examination's approximately 40%.

Theory Evaluation

The institute has designed and implemented the internal mechanism to ensure preparedness of the students. Three Class Assessment Examinations (CAE) are conducted in a Semester, i.e CAE-I. CAE-II and CAE-III, as three Teacher Assessment Examinations (TAE) are TAE-I, TAE-II, TAE-III. All the internal examinations focus to attainment of COs. The final internal marks calculation are addition of best two CAE marks ,addition of best two TAE marks and attendance are considered. External End Semester Examination (ESE) is conducted on complete syllabus by the examination cell.

Practical Evaluation

Practical are evaluated regularly. The evaluation process is done Presentation, Technical skill, Discipline and Knowledge (PTDK). Two assessment exams called Internal Mid Semester Practical Examination (IMPE) and Internal End Semester Practical Examination (IEPE) are conducted to maintain the continuous evaluation. Some of practical courses are evaluated by the external examiner.

Project work /Internship assessment

Monthly progress of project and Industry internship presentations are arranged to review progress of project work and evaluation sheets are maintained. These reviews enable to improved technical, presentation skills and timely completion of projects.

File Description	Documents
Any additional information	View File
Link for additional information	https://ghrcemn.raisoni.net/controller-examination

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

IT integration and reforms in the examination procedures

Examination Cell of the institute has incorporated the use of Management Information Systems named CYBERVIDYA.

The redressal mechanism of grievances with reference to evaluation is as follows-

Grievances related to Institute Level

Mechanism of internal assessment is transparent and the grievance redressal system is time- bound and efficient.

Internal grievance redressal is as follows:

- Attendance: Class teacher displays the attendance report on notice board at the end of every month and students having any discrepancy he/she to be concerned to subject teacher.
- CAE: Evaluated answer sheets of Class Assessment Examinations are showed according to the schedule. Any grievance raised the faculty will handle on spot, if grievance settled then students acknowledge it by signed.

- Final internal assessment marks: Every department, the final internal marks are displayed on the notice boards. Class teachers and HoD’s address the queries of students, if any.

Grievance Redressal in External Examinations

End Semesters answer sheets are shown to students, if any grievance regarding evaluation process, Solution sets are shown and grievances are reported to COE through departmental Exam co-ordinator.

File Description	Documents
Any additional information	View File
Link for additional information	https://ghrcemn.raisoni.net/examination-grievance-committee

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

In Outcome Based Education process, stating learning outcomes in terms of Programme Outcomes, Programme Specific Outcomes and Course Outcomes is assessment by the institution for the achievement of Program Outcomes and Program Specific Outcomes.

Programme Outcomes explains what a student will gain after completion of degree in terms of knowledge and skills.

The next step is to publicize these POs, PSOs & COs for the acknowledgement of each stakeholder. POs are displayed at the College website, corridors, library, laboratory, class rooms and PSOs are displayed at the respective department locations like college website, head of the department's office, laboratories, class rooms, corridors etc. COs are discussed with students in the lectures conducted by faculties. Also question papers of CAE and ESE COs are conveyed to the students. POs, PSOs is also communicated to the External Stakeholders of the program in Board of Studies Meeting, Parent Teachers Meetings, Alumni Meetings held in the department.

These assessment tools are categorized into

Direct methods display the student's knowledge and skills from their performance in the continuous assessment examinations, internal examinations and teacher's assessment examinations etc.

Indirect Methods such as surveys taken from the various internal and external stakeholders to reflect on student's learning.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ghrcemn.raisoni.net/ug-first-year-engineering

Upload COs for all Programmes (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

Assessment done through more than one processes, carried out by the institution to evaluate the achievement of Program Outcomes and Program Specific Outcomes.

Direct Assessment Methods

- **Theory CO attainment**
  - **Class Assessment Examination 1, 2 & 3 (each of 15 Marks)**
  - **Teacher Assessment Examination 1 , 2 & 3 (each of 3 Marks)**
  - **End Semester Examination (50 Marks)**

The procedure is

1) Mapping CO to POs & PSOs with level 1-low, 2-medium or 3-High

2) Defining Correlation Levels

3) Calculate the Average Co-relation of PO & PSO with CO

4) Calculating Percentage of CO Attainment of Internal Examination & external examination 20% & 80% weightage.

5) Calculating Percentage of PO/PSO Attainment using average CO attainment and defined Correlation Levels

6) PO/PSO attainment is calculated by average of attainment value of subject to mapped with PO/PSO

- **Laboratory CO attainment**
  - **continuous evaluation (Presentation Technical Discipline Knowledge) (15 Marks)**
  - **Internal Mid-Semester Practical Examination (IMPE) (25 Marks)**
  - **Internal End-Semester Practical Examination (IEPE) (25 Marks)**

Indirect Methods such as surveys taken from the various internal and external stakeholders to reflect on student's learning.

Indirect Assessment Methods

- **Alumni Survey**
- **Employers Survey**
- **Graduate Exit Survey**
- **Parents Survey**

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://ghrcemn.raisoni.net/ug-first-year-engineering

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1222

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	https://ghrcemn.raisoni.net/result

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

https://ghrcemn.raisoni.net/iqac

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

7.81

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

19

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

3

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	No File Uploaded
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://ghrcemn.raisoni.net/r-and-d

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution has created a robust ecosystem for innovation, encompassing the Indian Knowledge System (IKS), awareness about Intellectual Property Rights (IPR), the establishment of an IPR cell, an incubation center, and various other initiatives for the creation and transfer of knowledge and technology. The outcomes of these efforts are evident and are detailed below:

The institute has research centers in three core departments—Civil, E&TC, and Mechanical Engineering—affiliated with RTMNU. Currently, 8 research scholars are pursuing PhDs, guided by 3 supervisors attached to the centers.

1. Publications and Patents: The R&D Cell has facilitated numerous publications in peer-reviewed journals and has supported the filing of patents for innovative research outcomes, thereby contributing to the advancement of knowledge and technological innovation.
2. Student Engagement: The R&D Cell has actively engaged students in research activities through various initiatives such as student research projects, internships, thereby nurturing a new generation of researchers and innovators.

3. Establishment of Center of Excellence at Institute: Various Center of Excellence like Bot Lab, 3D Printing Lab, Solar Lab, Drone and Robotics Lab and Block chain Technology Lab, AR-VR Lab.

IPR, Entrepreneurship, and Innovation Activities:

The institution actively promotes IPR awareness, entrepreneurship, and innovation through workshops, hackathons, and competitions. Professional society chapters like IEEE and ISTE organize technical events, while collaborations and MOUs with labs and organizations strengthen knowledge exchange and practical exposure.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ghrcemn.raisoni.net/r-and-d

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

48

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

57

File Description	Documents
URL to the research page on HEI website	https://ghrcemn.raisoni.net/r-and-d
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

81

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

44

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Theinstitution has initiated several outreach programs with the dual aim of fostering engagement between the neighborhood and the college community, and sensitizing students to community needs and social issues. These initiatives are designed not only to strengthen relationships with the local community but also to contribute to the holistic development of students.

Outreach Programs and Community Engagement:

By engaging in these outreach programs, students have the opportunity to gain a deeper understanding of societal challenges and develop empathy towards community needs. This exposure is invaluable as it encourages students to become more socially responsible and proactive in addressing issues beyond the academic environment.

National Service Scheme (NSS):

NSS hosts a 15-day residential internship in an adopted neighboring community. During this camp, volunteers engage in activities addressing societal challenges such as tree planting, sanitation drives, environmental awareness, and blood donation camps.

Departmental Initiatives:

Beyond the NSS, various college departments educate students about social concerns through initiatives focusing on:

- **Meri Mati Mera Desh**
- **Voting Awareness Campaign**
- **Cervical Cancer Vaccination Camp**
- **154 Birth Anniversary Of Mahatma Gandhi**
- **Right To Information**
- **Swacha Bharat Abhiyan**
- **Yoga Day Celebration**
- **75 Th Republic Day**
- **Blood Donation Camp**
- **76th Independence Day**
- **Stem Worksshop**
- **Swachata Abhiyan**
- **Blood Donation Camp**
- **Old Age Home**
- **Self Defense Workshop**
- **Tree Plantation**
- **Campaigning At School For Good Touch & Bad Touch**
- **My Earth – My Duty [Tree Plantation]**
- **Blood Donation Camp**
- **International Yoga Day**

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/nss
Upload any additional information	View File

3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

51

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh

Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

20

File Description	Documents
Reports of the event organized	View File
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	View File

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

2471

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

912

File Description	Documents
e-copies of related Document	View File
Any additional information	View File

Details of Collaborative activities with institutions/industries for research, Faculty	View File

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

25

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning. viz., classrooms, laboratories, computing equipment etc.

The institute has adequate infrastructure facilities which exceed the norms in many aspects which provides healthy, comfortable and conducive atmosphere to carry out teaching-learning process.

- **The campus area of the institution is spread over 10 acres.**
- **Classrooms, Smart class rooms and seminar halls are available with all the equipment and ICT facilities to conduct curricular, extra-curricular and other activities.**
- **The laboratories are fully equipped with resources for necessary procedures for a hands on experience as per curriculum.**
- **All departments have ample availability of computational facilities and all computers are connected in LAN. The whole campus is Wi-Fi enabled.**
- **Lecture recording system (LRS) for online mode lectures by Cisco Webex, lecture capturing System and NPTEL Local chapter are available in the institute.**
- **Facilities according to norms:**

Facility

Required as per Norms

Availability

Classrooms UG

96

96

Classroom PG

14

14

Smart Classroom

05

05

Exam Cell

01

01

Workshop

01

01

Drawing Hall

02

02

Seminar Hall

05

05

Central library

01

01

Departmental Library

-

18

Laboratories

54

54

Boys Hostel

01

01

Girls Hostel

01

01

Garden

01

02

Sport department

01

01

auditorium

01

01

Gymnasium

01

01

Horse stable

-

01

Play Ground

01

02

Computing Facility

Required as per Norms

Availability

Computer

1637

1637

Printer

78

78

LCD Projector

Desirable

51

Scanner

Adequate

20

All these facilities are provided with a vision to help students to develop their academics and career through skill enhancement

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ghrcemn.raisoni.net/

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

- **The institute has playground area of 10670 sq. m. for sports.**
- **The institute has a playground to play various sports like Futsal, Basketball, Cricket, Volleyball, Football, Kabaddi, Khokho, etc.**
- **A separate indoor games area of 134 sq. m. is provided for playing Chess, Table tennis, Carom, Badminton, Chess, Ludo, Pool as well as Snooker.**
- **Institute has the renowned sports in-charge who represented India in handball for 16 years in different age groups and two times captainship.**
- **The institute has a well-equipped multi gym having area of 225 sq. m.**

- Equipment's such as Peck Deck Machine, Chest press machine, Dumbbells, Plate, Weight Lifting Bars, Dip Stand, Dumbbell Plate Stand and treadmill with LCD display are available in the multi gym.
- The institute has a well-equipped green gym also.

- The institute has an auditorium, yoga centre to conduct various events.
- Musical instruments such as Piano keyboard, Guitar, Congo Set, Cajon box and Tabla are provided by the institute.
- Institute having 23 clubs for students which help the students to develop their internal skills and for cultural activities i.e. Coding & Ethical Hacking club, Creativity club,AI Club, Baking (Food) Club, Data Science Club, Astrology Club, 3D Printing Club, Music Club, Drama Club, Renewal Energy Club, build Out Club, Dance Club, Drone & robotics Club, Photography Club, Toastmasters Club, Reading Club, Maths Club, Trekking, Entrepreneurship Club, Kindness & Happiness Club, Yoga/Fitness club, Dream App Club, Web Designing, Personality club.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ghrcemn.raisoni.net/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

111

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ghrcemn.raisoni.net/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

1986.96

File Description	Documents
Upload any additional information	View File

Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Library software used to manage different functions of library. Library is Fully automated with 'Softlib (Synchronik Software)' is the ILMS software having version 5.7 Upgraded & year of automation is 2008-2009. Library collection can be browsed /searched on OPAC is an Open Public Access Catalogue facility which is made available in the central library. It is a part of 'Softlib software.

The number of search options available in OPAC are as follows:

- Advanced Search: Advanced searching can be done with the number of combinations such as Author, Title, Keywords, Publications, Classification number.
- General Search: In general searching, users can search for various library resources such as Author, Title, Keywords, Publications, Classification number.
- Accession Search: By using accession number, quick search of the book can be done.

This software has modules like - Acquisition, Circulation, Main Entry, System administration & Reports. Acquisition modules, & Main Entry Module is utilized for accessioning of books & Journals, order of books, Circulation Modules utilized for dally Issue-Returns, Report Module is utilized for generating various reports like accession register, acquisition reports, graphical reports, Material transaction, circulation status summery, member entry report etc. System administration Module utilized for generate statistics, stock verification, library barcodes are also generated through this module. software also provides statistical analysis required for library management system such as weekly transitions most issued items, less issued items, reference books, Member master adding Bulk student's records, through this various module.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://ghrcemn.raisoni.net/library

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

9.15

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e-journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

140

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Consecutive up gradation arrangements are incorporated into yearly spending plan. The exercises have been arranged in a manner that, the IT framework and related offices are dependably keeping pace with best in class innovation. The college keeps up push on this crucial territory to guarantee nonstop and reliable accessibility tuned in to the developing needs and evolving innovations. Wi-Fi is available in entire campus with necessary firewalls and Sophos Firewall for security. The college places parcel of significance on e-learning and up gradation of transfer speed, availability and additionally different enhancements. ICT resources including development and use of computer-aided teaching learning materials is used by staff and students extensively. Impartus lecture capturing

system, Lecture recording system is available in the institute. The college is having MODROBS server (GTU), which can be access locally and globally. MODROBS is used for machine learning and deep learning etc.

The college is having cyber vidya software, AIMS which can be access globally.

All students and faculty are enrolled into this software having following features:

1. Attendance entry on daily basis by subject teacher for the assigned subject.
2. Student can check the overall attendance or subject wise attendance.
3. Student section is also software for collection of fees, fine, exam fees, etc.
4. Faculty feedback is also taken online from students.

- Available bandwidth of internet connection in the Institute is 100 mbps.
- There are 5 centralized servers. 1. Putty Server 2. Oracle Server 3. MODROBS server 4. FTP Server 5. Language lab serve

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ghrcemn.raisoni.net/

4.3.2 - Number of Computers

1637

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ≥ 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

1211.01

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institute ensures regular maintenance of its infrastructure and facilities under the supervision of the Administrative Officer. Technical staff, including electricians, plumbers, and carpenters, handle repairs, while the Stock Verification Committee conducts annual checks to ensure the availability and condition of laboratory equipment and library resources.

Laboratories are equipped with UPS systems to address voltage fluctuations. Equipment and instruments are cleaned, calibrated, and serviced as required, either in-house or by outsourced technicians. Laboratory in-charges and assistants monitor utilities like water taps and electrical fixtures, ensuring timely maintenance.

Housekeeping staff maintain cleanliness across the campus, including classrooms, laboratories, offices, corridors, and washrooms. The garden is also well-maintained. Facilities such as elevators, CCTV, and air conditioners are regularly serviced. RO water purifiers are inspected and repaired monthly. A fire security system is installed on every floor, with a central fire control system for emergencies.

Library Library books are cataloged with accession numbers and college stamps. Borrowing is permitted for 15 days, except for reference materials, which are accessible only in the reading room. The Library Committee oversees operations, and damaged books are bound to prevent further wear.

Sports Facilities Sports activities are integrated into the timetable, supported by a sports in-charge and assistant. Maintenance of equipment and facilities is conducted regularly, and a first aid box is available for emergencies.

Computers Hardware and software maintenance is managed by server room staff. Annual formatting is performed during the summer.

Laboratory computers are overseen by trained staff, ensuring seamless functionality.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://ghrcemn.raisoni.net/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

2647

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

540

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non-government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	A. All of the above

File Description	Documents
Link to Institutional website	https://ghrcemn.raisoni.net/events

Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

915

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

1857

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

238

File Description	Documents
Self-attested list of students placed	View File

Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

49

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	No File Uploaded
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

16

File Description	Documents
Upload supporting data for the same	View File
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

22

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - 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)

The Student Representative Council (SRC) at our institute is instrumental in organizing technical, cultural, and social events throughout the academic year, fostering leadership and teamwork among students. Constituted annually, the SRC ensures student representation in institutional committees, promoting active participation in academic and administrative decisions.

The SRC committee, comprising the Director, HoDs, Deans, and senior faculty, selects the president, secretary, joint secretary, coordinators, and class representatives. Applications are scrutinized based on academic performance, leadership qualities, and extracurricular involvement, followed by personal interviews. The Faculty In-Charge oversees the process, ensuring merit-based selection.

The SRC president leads discussions, votes on ideas, and finalizes decisions. Class representatives, elected by peers, act as the voice of their classes, encouraging participation in council activities. Departmental forums are also constituted for focused initiatives like NSS, sports, and technical events.

The SRC organizes diverse events under its umbrella:

- **Cultural: Annual Social Gathering "Antaragni," Dhamal Dandiya.**
- **Technical: TechKrunch, Engineers' Day, poster and mini-project competitions.**
- **Sports: Sports Week (part of Antaragni).**
- **Social Initiatives: NSS activities like International Yoga Day, Republic Day, blood donation drives, and tree plantations.**

The SRC oversees the creation of magazines, brochures, and newsletters, showcasing student achievements and activities.

The SRC ensures holistic development by engaging students in multifaceted roles and activities, shaping them into responsible leaders of tomorrow.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/events
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

109

File Description	Documents
Report of the event	View File
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The GHRCEMN (GHRIETN)has a registered alumni association, the G H Raisoni Alumni Foundation (GHRAF), which serves as a dynamic platform for over 4,793 alumni to connect, engage, and benefit the Raisoni community. GHRAF organizes reunions, get-togethers, and career support initiatives while fostering lifelong learning through core programs like alumni directories, mentorship, and continued education opportunities.

GHRAF provides numerous benefits to members, including networking opportunities with fellow alumni, career advancement support through job boards, and mentorship programs. Entrepreneurs benefit from dedicated resources, while social gatherings and university resources aid personal and professional development. Members also enjoy library access, newsletters, and discounts for siblings, spouses, or wards.

The foundation's key objectives—Connect, Engage, Benefit Alumni—are achieved through various initiatives such as social and professional networking via platforms like Facebook and LinkedIn, alumni directories, and regional chapters. Events like reunions, on-campus visits, and workshops foster collaboration, while targeted skills training, career counseling, and entrepreneurial support enhance professional growth.

GHRAF also organizes annual alumni reunions where alumni share their experiences, provide guidance to juniors, and offer career advice. Alumni contribute directly and indirectly to the institute's development by facilitating industrial visits, guiding projects, and updating students on industry trends.

Information about GHRAF activities, including photo galleries and events, is accessible via https://alumni.raisoni.net/, where alumni can update their profiles and provide feedback. Monthly digests and

coffee meet-ups ensure continuous engagement, enabling alumni to remain an integral part of GHRIET's growth and success.

File Description	Documents
Paste link for additional information	https://alumni.raisoni.net/
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Vision

To achieve excellent standard of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards with capabilities of accepting new challenges

Mission

M1

Our Efforts are dedicated to impart quality and value based education to raise satisfaction level of all Stakeholders.

M2

Our strength is directed to create competent professionals.

M3

Our endeavor is to provide all possible support to promote research and development activities

A.Appropriateness/Relevance of the Statements

In order to support the Appropriateness/Relevance of the above Vision and Mission Statements, we value the following

- Excellence: The Institute is committed to excellence in all spheres of its activities like Learning, Research, Invention and Innovation and will work towards continuous improvement empowered by State-of-the-art Infrastructure Facilities.

- **Ethics: Promote understanding and respect for Professional Excellence with Ethics and Integrity in the knowledge society.**
- **Technology: Enhance Industry Institute Interaction through Interpretation, Evaluation, and Promotion of information and Knowledge resources, Technologies, and Services through Collaborative Research and Consultancy.**
- **Leadership: Assume responsibilities for solutions to societal problems and be the leader of change enabled by professionalism.**

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/governing-body
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

Decentralization and Participative management: Skill Training programs

Skill training programs are designed to give students mastery over a narrow subject area or topic. These programs are offered in many trades, professional fields, and academic areas and are available at both the undergraduate and graduate levels. As per suggestion was given by IQAC member to enhance the quality of student, HoD's of all departments prepared the proposal of the program and submitted to governing body through the Director.

Objectives of Program:

- **To enhance the skill of students**
- **To bridge the gap between the institution and the industry.**
- **To make student's eligible for placement drives.**

Skill training program decentralization:

1. Governing body:

- **Monitors the conduction of program as per plan**
- **Schedule of the program**
- **Takes the feedback of students about the program**
- **Sanction the budget required for the skill training program**
- **Assigning the coordinator as per the program**

2. Director:

- **Monitors the coverage of the contents of the skill training program**
- **Suggest any changes required in the program to the Board of Governance**
- **Attendance monitoring**

- Analyze feedback taken from the students for the program
- Monitors activities conducted as per the contents of the program

3. Teaching Staff:

- Update daily conduction of program in detail to coordinator
- Take the attendance of the students on a regular basis
- Make the full arrangement for the conduction of program

4. Non-Teaching Staff:

- Help the coordinator in conduction of program.
- Help the coordinator to make the full arrangement for the conduction of program

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute's strategic plan is effectively deployed through various institutional bodies and committees in order to achieve the quality in the areas like academics, research & development, Industry – institute relationship, training and placement cell, entrepreneurship development etc. The strategic plan consist of following major areas

- Teaching & learning
- Research & Development
- Students Support
- Alumni Engagement
- Training & Placement
- Industry Institute Interaction
- Enhancing Student's experience

Perspective Plan

Short Term Goal

- Establishment of Swayam / NPTEL local chapter
- Establishment of Center of Excellence
- NAAC Accreditations
- To achieve Autonomous status of the institutions
- NBA Accreditations
- Applying for various grants & funding

Long Term Goal

- To acquire status of Deemed University
- To increase and sustain the IPR related activities
- To have all faculties with Ph.D. qualifications
- Enhance laboratory facilities to meet Research & Consultancy requirements.

The effective and efficient functioning of institute is achieved through the good administrative setup and various committees effectively working for the development of the institute.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://ghrcemn.raisoni.net/governing-body
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The institute achieves its vision through an effective administrative structure and committees working towards academic and institutional excellence. The Governing Body (GB) oversees progress, policy-making, and quality assurance, focusing on academic performance, faculty development, student placements, and grievance redressal. It facilitates collaboration with industries and supports participation in institutional activities like workshops and conferences.

The IQAC ensures quality enhancement through structured planning, development of quality parameters, and documentation. It organizes seminars and workshops to promote academic and administrative excellence, ensuring continuous improvement in teaching-learning methodologies. Diverse pedagogical practices include student-centric learning, activity-based learning, skill-oriented training programs, peer teaching, and mentoring, catering to students' individual needs.

Examinations follow RTM Nagpur University norms, incorporating continuous internal assessments through assignments, participation, practicals, and attendance. Outcome-based education is emphasized, ensuring holistic learning. The R&D Cell promotes innovation by supporting multidisciplinary research, securing funded projects, and encouraging paper publications and faculty development programs. Financial assistance is provided for workshops and IPR initiatives.

State-of-the-art infrastructure includes a digital library with extensive resources, modern ICT-enabled classrooms, advanced laboratories, and recreational amenities like gyms and sports

facilities. Human Resource Management ensures faculty recruitment as per AICTE/UGC norms, maintaining quality standards.

The Industry-Institute Interaction Cell (III Cell) bridges the gap between academia and industry by fostering partnerships, offering internships, and providing students with industrial exposure. Admissions comply with DTE and ARA regulations, maintaining transparency through merit-based selection processes and a Hindi linguistic minority quota. The institute actively promotes sustainability and social responsibility.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Link to Organogram of the institution webpage	https://ghrcemn.raisoni.net/governing-body
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The Institute offers facilities for the professional development and advancement of its staff members, in addition to effective welfare programmes for both teaching and non-teaching staff.

Following are the welfare measures for the staff

Teaching Staff

- Group Insurance Policy
- EPF as per norms
- Laptop and Dongle facility
- Maternity Leaves
- Special Leaves

- Financial Support for Technical Membership, to attend STTP, Conference, FDP, publications and IPR related activities.

Non-teaching Stafff

- Group Insurance Policy
- Scholarships to the wards of employee
- EPF as per rules
- Uniforms to the staff

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

20

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

09

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

219

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance Appraisal System

Faculty members of Higher Educational Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their self-upgaradtion, keep abreast with changes in technology, and develop expertise for effective implementation of curricula. They are also expected to provide services to the industry and community for understanding and contributing to the solution of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and co-operation with other Faculty, Heads-of-Departments and the Head of Institute. An effective performance appraisal system for Faculty is vital for optimizing the contribution of individual Faculty to institutional performance. The assessment is based on:

1. **well-defined system for faculty appraisal**

- **The College/Department encourages a positive approach in assisting faculty members to measure the strengths and weaknesses for the determination of maximizing performance and expanding professional growth.**
- **The performance appraisals are an inherent part of the process by which Management and Principal accomplish these objectives.**

1. **Its implementation and Effectiveness**

Guidelines to Heads of Department for filling up Performance Appraisal Form in respect of Teaching Staff:

Every faculty is assessed based on the various parameters mentioned above and accordingly any one grade is awarded based on the marks scored.

Non-Teaching Appraisal

The institution evaluates the performance of non-teaching staff members based on technical proficiency, behavioural approach, and laboratory & deadstock maintenance activities.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute conducts regular internal and external financial audits to ensure compliance with established standards and evaluate operational effectiveness. Internal audits are conducted semi-annually, while external audits are performed annually by a registered Chartered Accountant.

Auditing Agency: Sr. No. Auditing Agency Year 1 V V Agrawal & Associates, Nagpur 2023-24 Significant Audit Objectives:

1. **Basics of Presentation: Financial statements are prepared using the historical cost convention, adhering to generally accepted accounting principles (GAAP) and standards issued by the Institute of Chartered Accountants of India.**

2. **Fixed Assets: Fixed assets are recorded at historical cost minus depreciation. Any surplus from revaluation is credited to the revaluation reserve, with depreciation on revalued assets calculated based on their revalued amounts and adjusted against the reserve. the assest areBuilding,Library books,Furniture and Fixtures,Lab Equipment's,Sports equipment's,Canteen equipment's,Computer and Accessories,Software,Vehicle, etc.**

3. **Revenue Recognition: Revenues such as tuition, bus, and other fees are recognized on an accrual basis, ensuring they are recorded when earned, not upon cash collection.**

4. **Borrowing Cost: Borrowing costs directly related to acquiring, constructing, or producing qualifying assets are capitalized. Other borrowing costs are expensed to revenue.**

5. Inventories: Inventories represent economic control over items, including the costs of services for which related revenue is yet to be recognized.

6. Retirement Benefits: Provident Fund contributions and gratuity provisions are recognized on an accrual basis, ensuring compliance with employee benefit obligations.

These audits uphold transparency and accountability in financial management while ensuring adherence to regulatory requirements.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute has strategies for the mobilization and optimal utilization of resources and fund in accordance to the institutions vision and mission.

The institute ensures the utilization of fund for the development and maintenance of the institute through various sources like fees from the students, funds from AICTE, SERB, IEEE or other government / non-government bodies.

The institute ensures adequate funds for development and maintenance through various sources of fund as given below

- The fees from students (UG & PG) of various courses. The scholarship received from the social welfare department (GoI) and Directorate of Technical Education Maharashtra State.

- Funds received from National Agencies like AICTE, Department of Science & technology (DST) etc
- The institute plans utilization of financial resources through operational and capital budget exercise

Funds are utilized in the following areas:

- Salary of teaching and non-teaching staff
- Laboratory equipment, consumables, Software.
- Computers, Furniture
- Library books, E journals, subscriptions, periodicals and newspapers
- Repair and maintenance
- Honorarium
- Miscellaneous expenses.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell (IQAC) of GHRCEMN (GHRIETN) plays a pivotal role in institutionalizing quality assurance strategies and processes. It focuses on quality enhancement and sustenance by defining short-term and long-term objectives, creating benchmarks, and promoting academic and administrative excellence.

Significant Contributions of IQAC:

IQAC ensures periodic reviews of teaching-learning processes, structures, and methodologies to enhance learning outcomes. Strategies include:

- Special Classes: Conducted for slow learners.
- Curriculum Enrichment: Addressing gaps through add-on courses, MOOCs like NPTEL, and Coursera.
- Outcome-Based Education: Fostering outcome-driven approaches.
- Feedback Systems: Implementing robust mechanisms for improvement.
- ICT Integration: Promoting ICT-based teaching and interactive learner-centered environments.
- Faculty Development: Organizing FDPs and workshops.

IQAC spearheads audits of course files, policy structures, and external audits, ensuring adherence to academic and administrative standards.

Milestones:

- **NBA Accreditation: UG programs in Electrical, Computer Science, and Civil Engineering accredited in Tier-I mode (2022-2025).**
- **NAAC Accreditation: Accredited with "A+" grade (CGPA 3.50/4) on 1st May 2019.**
- **Autonomous Status: Granted by UGC and RTMNU from 2019-20, enabling curriculum customization.**

Research Ecosystem:

IQAC collaborates with the Research Cell to encourage faculty research publications and grant proposals to AICTE, DST, and universities. MODROB grants upgraded CSE labs for trending research.

Quality Assurance Initiatives:

- **Conducting Academic and Administrative Audits (AAA).**
- **Engaging in NIRF rankings and collaborations with other institutions.**
- **Facilitating accreditation by NAAC, NBA, and other agencies.**

IQAC's initiatives ensure holistic institutional growth, aligning with global academic and administrative standards.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The Internal Quality Assurance Cell (IQAC) at GHRCEMN (GHRIET) is committed to enhancing the teaching-learning process through consistent monitoring and strategic initiatives. Key steps taken to drive educational transformation include:

Academic Excellence Initiatives:

- **Faculty Development Programs (FDPs): Faculty participate in programs on pedagogy, technical expertise, and subject-specific skills.**
- **Blended Learning: Incorporating ICT tools like Moodle, Kahoot, and Canvas, the teaching-learning process integrates online and offline methods. During the pandemic, all processes transitioned online.**
- **Academic Flexibility: Students can choose courses aligning with their interests.**
- **Creative and Critical Thinking: Activities like projects and prototypes promote innovation.**

- **Internships: Summer (SIP) and semester-long internships (SLIP) provide domain-specific industrial exposure.**

Skill Development and Certifications:

- **Honors and Minor Certifications: Additional credits through Academic Council-approved programs.**
- **Minor and Major Projects: Projects encourage interdisciplinary and multidisciplinary approaches, culminating in capstone projects featuring technical problem statements and portfolios.**

Quality Assurance Practices:

- **Mentor-Mentee System: Ensures personal counseling, grievance redressal, and student record maintenance.**
- **MOUs with Industries: Collaborative agreements foster industry connections.**
- **Technical Talks and Workshops: Frequent seminars and workshops enhance technical knowledge.**

Institutional Quality Management:

- **Development of benchmarks for academic and administrative excellence.**
- **Creation of a learner-centric environment with participatory teaching and learning.**
- **Feedback mechanisms from students, parents, and stakeholders.**
- **Maintenance of a robust institutional database through MIS.**
- **Preparation and submission of the Annual Quality Assurance Report (AQAR) to NAAC.**

IQAC ensures the dissemination of best practices, quality integration across activities, and continuous institutional improvement.

File Description	Documents
Paste link for additional information	https://ghrcemn.raisoni.net/iqac
Upload any additional information	No File Uploaded

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	https://ghrcemn.raisoni.net/iqac
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The institute has culture of providing equal opportunity to all cadres and genders and takes deliberate efforts on sensitizing all the students, faculty and all other employees about the gender equity for developing a peaceful, prosperous and sustainable society.Institute takes efforts to promote gender equity by integrating women as an essential part of the workplace. Sexual harassment of employees or students is strictly prohibited at the Institute. In institute, many key positions are held by female employee like Heads of Departments and Deans. Institute promotes female faculty for the research work.

Facilities provided to maintain gender equity:

1) Safety and security: The institution provides CCTV Surveillance for safety and security throughout the campus.

2) Common Rooms: The institute has provided separate common rooms and washrooms for boys and girls with necessary facilities.

3) Hostel Facility: The institute has a separate hostel facility for boys and girls with state-of-the-art infrastructural facilities.

4) Healthcare and Medical Emergencies: Institute regularly organized Health Check-up camp for Students and faculty members Institute has first-aid facility and sick room facility.

5) Internal Complaints and Grievance Redressal Committee: Institute has Internal Complaints Cell and Grievance Redressal Committee to ensure a safe working environment.

Overall, the institution's dedication to promoting gender equity and inclusivity has resulted in a more welcoming and supportive campus environment, where individuals can thrive irrespective of their gender identity.

File Description	Documents
Annual gender sensitization action plan	https://ghrcemn.raisoni.net/iqac
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://rgicdn.s3.ap-south-1.amazonaws.com/ghrietn/pdf/naac/criteria7/7.1.1.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

As part of the green initiative, the college tries to reduce and remove the waste to ensure the cleanliness and eco-balance in the campus.The initiative for paperless offices through office automation and consistent efforts to reduce plastic carry bags helps in minimizing solid waste.

Solid Waste Management

The institution practices the segregation of solid waste into dry and wet waste. Dust bins are placed separately for dry and wet waste, at strategic places at each building and along the road side. The dry waste consists of paper, plastic, dry leaves etc., and are collected separately. The wet waste like food waste, vegetable waste and fruit waste etc., and Food waste generated in canteens and mess is disposed to in food sewage plant. Following the Government of

India's resolution to ban all single-use plastics, the college administration declared the Institite campus plastic free.

Liquid Waste Management and Recycling

Liquid waste from the wash rooms, toilets of all buildings, canteen and messes is collected and transported by means of well-conceived sewerage system to sewage treatment plants which is situated at back side of girl's hostel. Recycled water is used for Gardens and watered by using drip/sprinkler irrigation system to save water.

E-Waste management:

E-waste in the form of discarded electronic components including computers, printers, UPS batteries, multi-media systems, etc is being reutilized by designing hardware lab for learning purpose. The students during the lab sessions dismantle and reassemble the hardware, which help in application-oriented learning.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded

Details of the Software procured for providing the assistance	View File
Any other relevant information	No File Uploaded

7.1.8 - 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 200 words).

The Institute believes in inclusive education that translates to humanistic outreach to build better communities and socially conscious citizens. For creating inclusive environment, Institute has conducted several programs for tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and such other diversities.

English, the international language, is used for communication in the campus to make the students from different states to feel inclusive. The institute is organizing various activities under linguistic like Maharashtra Utsav to commemorate the importance of our Regional worrier.

Institute is organizing various initiatives like Shivaji Jayanti, Gandhi Jayanti, International Day for Universal Access to Information, Cleanliness Campaigning, Yoga Day, Meri Mati MEra Desh etc. in the form of celebration of National/International commemorative days, events/festivals, activities pertaining to NSS, NCC, students clubs, sports, cultural and other such activities by bringing students and teachers with diverse background on single platform for creating inclusive environment.

The college has the curriculum with inclusion of topics related to Universal human Values, environmental Science, ethics and value education to inculcate a set of values related to societal, religious and cultural ethics.

In addition, we are organized Blood Donation camp to understand self-responsibility towards Society.

In addition, we are conduct different awareness programs like Cancer Awareness Program for self-examination technique for early detection of cancer cells and International Day for Universal Access to Information for the right of the citizens.

We are also organized Cleanliness Campaigning taken efforts students, staff and NSS coordinators targets raising public awareness about cleanliness

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

GHRIET Nagpur believes in creating holistic citizens and organizes various programmes to sensitize students and employees to the constitutional obligations: values, rights, duties and responsibilities of the citizens.

Student Induction Program conducted every year emphasizes the significance of constitutional obligations and the responsibilities of all citizens, as well as the responsible role as nation builders. Also, provided with the information, ability, and values that are important for supporting one's harmony between a work and life by providing a viable, steady, protected, accessible, and affordable learning environment. These components are instilled in the value system of the college community. The students are motivated by participating in various events on culture, traditions, values, duties, and responsibilities by inviting prominent people.

To understand the fundamental duties of all citizens of India, GHRIET Nagpur has been prominently framed curriculum with mandatory courses like Universal Human Values, Business Ethics, Intellectual Property Rights etc. as a small step to inculcate constitutional obligations among the students.

GHRIET, Nagpur has an active National Service Scheme (NSS) unit where students engage in community service programs. Students teach children of villagers, in recognizing their Fundamental Right to Education. Under NSS cell, the institute conducted awareness campaigning like cleanliness, Swachh Bharat, etc. where students were involved. With that, National days and events like Republic Day, Independence Day, Constitution Day, Women’s Day, etc. are celebrated and observed at both Teaching Departments as well as at Administrative offices to inculcate national values and right values among the students and employees.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://ghrcemn.raisoni.net/nss
Any other relevant information	https://ghrcemn.raisoni.net/nss

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed	A. All of the above

on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized	

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Institution celebrates national and international commemorative days, events and festivals. Our institution celebrates these events with great enthusiasm to commemorate the ideology of nationalism and to pay tribute to our great National Leaders.

Republic day-The institution celebrates Republic day on 26th January every year commemorating the adoption of Indian constitution and spreading the message that India is the largest democratic country in the world.

Independence Day-It is celebrated every year on 15th of August, parades and flag hoisting is organized and is celebrated to mark freedom of India from British rule.

Gandhi Jayanti-It is celebrated every year on 2nd October to understand the ideology of our great leader Mahatma Gandhi wherein pledge is taken by students and staff.

International Yoga day-It is celebrated on 21st June every year. The yoga Instructor organizes the yoga camp and a speech is conducted to make everyone aware of it.

Teachers Day-College celebrated the Teachers' Day on 5th of September with great enthusiasm. The whole program was organized by the student.

International Day for Universal Access to Information-September 28 is celebrated as the International Day for Universal Access to Information. It is the right of the citizens, extended through their right to freedom of expression, to be able to seek, receive and impart information.

IEEE Day-Every year, IEEE members from IEEE Sections celebrate IEEE Day on 1st October. IEEE Day celebrates the first time in history when engineers worldwide gathered to share their technical ideas in 1884

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: Project Finalisation and Evaluation

Objective: To enable final-year engineering students to integrate theory with practice, fostering independence, originality, teamwork, and effective project execution.

Practice:

- **Departments implement mentor policies, assign guides based on SGPA, and conduct group formation and guide preference processes by the 6th semester.**
- **Three seminars (Introductory, Progress-I, and Progress-II) are conducted in the 7th semester, with guidance from mentors and project in-charges.**
- **Projects must include 10% industry-based, 20% with co-guides from industry, and 10% interdisciplinary initiatives.**
- **Groups submit synopses before evaluations, and suggestions by mentors are implemented.**
- **Each group publishes a paper, receiving incentive marks for publication.**
- **Industry co-guides are invited for evaluations and documentation of project activities.**

Evidence of Success: Students excel in national events with a group earning the title of Nagpur District Winners in the Maharashtra Students Innovation Challenge-2023.

Problems and Resources: The practice runs smoothly, though external faculty are needed for mentoring and quality assurance.

Best Practice 2: Faculty Performance Evaluation

Objective: To enhance teaching quality, professional development, and student outcomes through systematic faculty evaluation.

Context: Faculty evaluation enhances teaching, accountability, collaboration, and professional growth while supporting research, funding, and trust-building.

Practice:

- Faculty appraisals are conducted at the session's start.
- Faculties are encouraged to participate in FDPs, workshops, and conferences organized by institutions like IITs and NITs.
- Concessions are provided for publications, copyrights, and memberships.

Evidence of Success: Faculties experience professional growth through participation in reputed conferences and journal publications.

Problems and Resources: Challenges include achieving publications in high-impact journals.

File Description	Documents
Best practices in the Institutional website	https://rgicdn.s3.ap-south-1.amazonaws.com/ghrietn/pdf/naac/criteria7/7.2.1.pdf
Any other relevant information	https://rgicdn.s3.ap-south-1.amazonaws.com/ghrietn/pdf/naac/criteria7/7.2.1.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The institute is steadfast in its commitment to inclusiveness, gender equality, cultural diversity, environmental responsibility, accessibility, and community engagement. Gender equity is promoted through dedicated bodies like the Women's Grievance Cell and Grievance Redressal Committee, ensuring a safe, discrimination-free environment. Regular activities raise awareness about gender equity and societal challenges. Facilities include robust safety measures, 650 CCTV cameras, separate common rooms, hostel accommodations, counseling services, and healthcare support.

The institute fosters an accessible and inclusive environment for Divyangjan, offering wheelchairs, ramps, Braille software, restrooms, scribes for examinations, and ambulances to ensure equitable opportunities for all.

Through its National Service Scheme (NSS) unit, the institute cultivates civic commitment and practical knowledge, encouraging

students to embrace social responsibility. Celebrations of national and international commemorative days foster patriotism and social integration. Programs on human values and professional ethics are regularly conducted.

Environmental consciousness is a core focus, with initiatives like solar water heaters, rainwater harvesting, sewage treatment, and biogas plants. Solid and liquid waste is repurposed as fertilizer, and rainwater harvesting replenishes groundwater. Green initiatives, including tree plantations, plastic-free campus drives, and anti-tobacco campaigns, are actively pursued, complemented by regular green audits.

To enhance teaching and learning, the institute emphasizes project-based learning, state-of-the-art laboratories, and industry partnerships, equipping students with essential skills. Transparency in financial, academic, and administrative processes is maintained via the MIS software, Cyber Vidya. Celebrating national festivals like Independence Day reinforces patriotism and unity, enriching the campus culture.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1.Supportive Learning Environment: Foster a positive learning atmosphere thatpromotes the holistic development ofstudents, faculty, and staff. 2. Value-Added Educational Opportunities: Offer supplementary courses to enhancestudents' value-based education, encouraging ethical and socially responsibleperspectives. 3. Research and Innovation Development: Organize workshops, seminars, andconferences to nurture research,innovation, and professional growth for both studentsand faculty. 4. Community Involvement: Raise awareness and support student participation in societaldevelopment programs, emphasizing the importance of community engagement. 5. Institutional and Corporate Partnerships: Establish collaborations through MoUs withacademic and corporate institutions to enhance learning opportunities. 6. Entrepreneurial Competencies: Provide opportunities to develop entrepreneurial skills,empowering students to pursue business ventures and leadership roles. 7. Experiential Learning: Encourage hands-on learning through projects and field studiesto provide real-world experiences. 8. Skill Development Initiatives: Conduct activities to enhance both academic andprofessional skills for students and staff. 9. Refine Teaching, Learning, and Evaluation: Continuously improve teaching, learningmethods, and evaluation processes to ensure effectiveness and quality. 10. Extend Outreach Programs: Expand community extension activities to strengthen the institution's societal role. 11. Environmental Awareness: Promote sustainability initiatives and

raise awareness ofecological protection. 12. Quality Monitoring: Ensure ongoing quality assurance and improvements in academicand administrative functions. 13. Benchmarking Excellence: Strive to be a role model in higher education by embodyingexcellence and innovation. 14. NBA accreditation of some departments and NAAC Cycle 3 accreditation of the institute.