YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	PROF RAM MEGHE INSTITUTE OF TECHNOLOGY AND RESEARCH
• Name of the Head of the institution	Dr. Amol P. Bodkhe
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	07212681246
• Mobile No:	9422917590
• Registered e-mail	principal@mitra.ac.in
• Alternate e-mail	iqac_prmitr@mitra.ac.in
• Address	Opp. Express Way, Anjangaon Bari Road, Badnera
• City/Town	Amravati
• State/UT	Maharashtra
• Pin Code	444701
2.Institutional status	
• Type of Institution	Co-education
• Location	Urban
• Financial Status	Self-financing

• Name of the Affiliating University	**Sant Gadge Baba Amravati University**
• Name of the IQAC Coordinator	**Prof. (Dr.) Chandrashekhar N. Deshmukh**
• Phone No.	**07212681246**
• Alternate phone No.	**07212681246**
• Mobile	**9820004158**
• IQAC e-mail address	**iqac_prmitr@mitra.ac.in**
• Alternate e-mail address	**principal@mitra.ac.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	http://mitra.ac.in/uploads/main-media-pdf/AQAR_report_2019-20.pdf
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://mitra.ac.in/uploads/main-media-pdf/Academic_Calender_20-21.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.12**	**2017**	**02/05/2017**	**01/05/2022**

6.Date of Establishment of IQAC	**16/06/2016**

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
Mechanical Engineering	**MODROB**	**AICTE New Delhi**	**2020**	**900000**

8.Whether composition of IQAC as per latest NAAC guidelines	**No**
• Upload latest notification of formation of IQAC	No File Uploaded

9.No. of IQAC meetings held during the year	0	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	No	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		

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

Provision of platform for running online classes due to COVID pandemic
Integration of Webex platform with Moodle based LMS
Monitoring of attendance, study material etc. through decentralized mechanism consisting of departmental Moodle and Webex coordinators , class teachers etc.
Conduction of online exams for SGB Amravati University through Moodle platform and other appropriate platforms

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
1) To upgrade the knowledge of students by motivating them for summer internship after six semester examination.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
2) To increase placement of students by involving industrial partner in various activities of institute.	Achieved placement figure of more than 450 even during COVID-19 pandemic
3) To increase the number of MoU's for the benefit of students and faculties and to strengthen industry linkages.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
4) To introduce Intensive training for preparing students for GATE as well as for various competitive examinations through regular online MCQ's exam pattern and mock test. To create a committee which will work for providing support to students willing to prepare for various competitive examinations and for creating conducive environment to students.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
5) To arrange software based seminars/webinars for strengthening the student development facilities and to organise regular training programs and capacity building workshops.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
6) To conduct online STTP's/ FDP's for the faculty in the field of Civil Engineering to upgrade their knowledge.	Online STTPs conducted
7) To propose to BOS (Board of studies), SGB Amravati University regarding inclusion of subjects as per Industry demand to fill the gap between	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved

academic knowledge and industrial requirement.	
8) To enhance & upgrade the resources of Laboratory facilities for creating Advanced Research Environment and other infrastructure of department by applying for AICTE and other government grants.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
9) To provide technical support for various projects under UNNAT MAHARASHTRA ABHIYAN as community service activities to contribute to the wellness of the society.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
10) To increase the e-content development facility by teacher in the various platform i.e. Moodle in the institute.	e-content developed and provided to students using Moodle platform
11) To include Alumni and industry partners and contribution at the departmental level through various activities of the institute.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
12) To increase the usage of ICT Tools/ e-Resources by faculty in the departments.	E-resources such as Moodle, e-books, Webex were used
13) To Conduct of Workshops and/ or seminars on topics of importance including entrepreneurship development at our campus.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
14) Collaboration with industries for internship, training and placement purpose will be more focused.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
15) Participation of students in technical activities as well nontechnical activities will be motivated and monitored.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
16) Development of advance	Work in progress

fabrication laboratory in Mechanical Department	
17) To initiate socially relevant Outreach Programmes.	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
18) Introduce new Certificate/ Diploma/Value added Courses during the next academic year i.e.(AY 2020-21)	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
19) Improve availability of ICT Tools and resources i.e.(AY 2020-21)	ICT Tools such as Moodle Platform (LMS), Cloud Server, Webex, e-books, e-journals were made available during COVID-19 pandemic
20) Enhancement in efforts for sanctioning Research projects from various Government funding agencies, industry etc. i.e.(AY 2020-21)	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
21) Conduction of Workshops/Seminars on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the next academic year, i.e.(AY 2020-21)	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
22) Creation of Incubation center in campus and help incubating new start ups, i.e.(AY 2020-21)	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved
23) Increase participation of Faculty in FDP/ STTP/ Refresher Courses/ Orientation programs, i.e.(AY 2020-21)	Faculty have participated in more than 550 FDP/STTP/Refresher/ Orientation programs
24) Organize Gender equity Promotion programs in next academic year, i.e.(AY 2020-21)	Due to Lockdown owing to COVID Pandemic, outcome could not be achieved

13.Whether the AQAR was placed before statutory body?	No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	22/02/2022

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	664

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	3659

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	548

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	1189

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**252**

File Description	Documents
Data Template	View File

3.2 Number of Sanctioned posts during the year	**207**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**51**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**456.46**
4.3 Total number of computers on campus for academic purposes	**672**

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

PRMIT&R is affiliated to SGBAU, Amravati and follows the curriculum recommended by Board of Studies and approved by the Academic Council of SGBAU Amravati. Every year in the beginning of the semester, the Academic Dean, in consultation with the Principal, referring to the SGBAU academic calendar, prepares an academic calendar enlisting the

working days, internal assessment schedule, test schedule and dates of important events in the semester. The teaching faculty at PRMITR is a judicious blend of youth and experience. Faculty defines Course Outcomes, Assessment Tools, and Assessment Methods. Prepares Academic Teaching Plan to cover curriculum and content beyond syllabus. Teaching plan is prepared based on the academic calendar. Periodic review of the progress of teaching activity is taken. Short fall if any is covered through extra classes. Remedial classes are conducted for academically weaker students. Also, these classes are open to all students. Role of Departments:-- The faculty members prepare the teaching plan as per the SGBAU syllabus, referring to academic calendar. -The learning material is uploaded on the Moodle site. - There is a Departmental Academic Assessment Committee (DAAC) which monitors the academics and thus plays a major role in improving the teaching learning process.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	[Nil](#)

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

Before the start of every academic session, Principal along with the Dean (Academic)conducts an IAC meeting with Heads of all the Departments and finalize the Academic Calendar in alignment with the University schedule. College academic calendar is designed considering all events in accordance with the University academic calendar. In all 15 weeks are planned which mainly include commencement date, closing date of the term, dates of internal tests I and II, college festivals, submissions, oral / practical exams etc. Schedule for internal exams and tentative dates for University theory and practical exams are displayed in academic calendar. Curricular and extra-curricular activity dates, exam schedules and other activity dates are displayed in the academic calendar.Faculty conducts lectures and practical's as per the timetable in alignment with the academic calendar. Exams and result declaration are strictly followed on the dates mentioned in the academic calendar. Each department has separate In-charge committee to implement the exam schedule given in the academic/activity calendar. Test papers are evaluated by respective faculty in three days from the date of exam and the results are displayed / dictated in the class.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in `A. All of the above` **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**

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

`13`

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
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)

5

File Description	Documents
Any additional information	View File
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

1511

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

3042

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

The Curriculum of different programs encapsulates courses for enhancing professional competencies as well as general competencies like social values, human values, environment sensitivity etc. of students, thereby leading to their holistic development.

Twenty one days Induction program related to values and ethics is an integral part of the curriculum of the first year which provides free environment for inculcating values and developing ethical competencies among the students. An orientation program of 15 hours duration / MOOC on Indian Constitution is offered to the student in 3rd year.

Apart from this different programs offer courses such as Environmental Studies, Environmental Engineering, Communication Skill, Social Science and Engineering Economics, Professional Ethics and Management, Professional Ethics, Cyber Law and Ethics, Intellectual Property rights, Human Resource Development and Organization and Non-Conventional Energy sources to students so that they should follow ethical practices, understand the importance of Environment and Sustainability and inculcate Human Values.

The Women's Internal Complaints Committee cell aims to enable female faculty and girl students to explore their imminent potential in all aspects and provide a congenial working environment for them. The activities of NSS play a major role in developing ethical behaviour, community services, human values etc.

File Description	Documents
Any additional information	View File
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

16

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1118

File Description	Documents
Any additional information	View File
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

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	**No File Uploaded**
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	http://mitra.ac.in/uploads/main-media-pdf/1_4_2_Institutional_Feedback_UG_and_PG.pdf

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 sanctioned seats during the year

1083

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

545

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

Outcome-based learning processes, helps in identifying slow learners and advanced learners based on the test and practical performances class interaction etc. Emphasis is given on improving the performance of slow learners by providing remedial classes. For difficult courses in first year and higher classes, remedial classes are conducted for students who have fared poorly in exams. Mentor-mentee system provides added support to the slow learners. The mentor identifies other skills and strengths and encourages them to hone them so as to improve their academic performance. The mentor tries to understand their socio-economic backgrounds, which sometimes may be a reason for poor performance.

Advanced learners are given opportunities to be part of innovative projects and other technical initiatives of the institute. Advanced learners are appointed as Class Representatives or on student council, so as to give a chance to develop their communication, leadership & team building skills. They are also given an opportunity to be office bearers of student council / professional bodies and lead professional activities at various levels, which

boosts their professional career. They are given the opportunity to participate in Hackathons, Paper Presentations, Project Competitions, Summer Projects and Internships. They also help slow learners through peer learning.

File Description	Documents
Link for additional Information	<u>Nil</u>
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
3659	**252**

File Description	Documents
Any additional information	**No File Uploaded**

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

All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning.

1. Experimental Learning- The curriculum includes laboratory courses, wherein students gain knowledge through experiential learning. Also, add-on Courses by NPTEL on latest technologies and industrial visits engage them in experiential learning. Final Year projects give the students ample opportunity for experimental learning.

2. Participatory Learning- By participating in various activities such as seminar, group discussion, wall papers and projects, students manifest participative learning. Students are encouraged to participate in activities such as Annual Tech Fest, Technical Quizzes, Seminar, Presentation and publication of papers in conferences and journals, to exhibit their specialized technical and/or management skills. Similarly, participation in competitions and hands on workshops and trainings form a part of participatory learning.

3. Problem-solving methods: In order to improvise problem-solving skills the Institute/ departments organize expert lectures on various topics, motivate students to join MOOC courses and participate in various inter-college and intra-college technical fests. Project course in final year curriculum, mini-project at pre-final stage and project Internship, helps them to showcase their problem solving abilities and also demonstrate use of modern tools, equipment's etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	[Nil](Nil)

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

In the view of Digitization of education field, to support the ICT enabled tool Power point presentation are used with animation and audio clips. To support ICT Enabled Tools all the Class rooms are equipped with Computer, LCD projector and Wi-Fi/ LAN. With a view, to provide easy and quick learning to the students by using the advance functionality of the growing technologies and understanding the need of e-learning in today's world, "Mitra-edu.tech" an Online E-learning platform was established to help students and faculty to overcome the drawbacks of traditional classrooms techniques and providing them the user friendly access towards the learning. The portal is integrated with CISCO Webex Application for the conduction of online classroom. The conducted lecture through CISCO Webex Application is stored on Cloud so that students can watch the recording for betterment. The Academic Activities like Midterm Test, Assignment, and Practical Session are all conducted through the MOODLE portal. The institute has also started virtual labs by integrating the virtual lab platforms with MOODLE. Apart from this the student can avail e-book and e- journal facilities from central library.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://mitra.ac.in/uploads/main-media-pdf/2_3_2_done_LINKED_ICT_Facilities.pdf

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

220

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	No File Uploaded
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

252

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

3086

File Description	Documents
Any additional information	**No File Uploaded**
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.

Continuous Internal Evaluation (CIE) is done in department on outcome based evaluation system which includes two class tests as mentioned in academic calendar of the institution. All the question papers are set as according to the outcome-based evaluation which specifies the satisfaction level of course outcomes. For the evaluation of last two units online MCQ tests/ quiz /Seminar are conducted in classroom and assessment is done accordingly. The assignments and practical records are graded by faculty and the students are shown the grades. With the increasing use of Moodle , we have introduced MCQ as part of CIE. Similarly, the final year project is divided in to three phases. First phase is based on Problem definition and Design, followed by Problem implementation & Testing and the last phase is based on Project Demonstration and Report Submission.

Exams and result declaration are strictly followed as per the academic calendar. Test papers are evaluated by respective faculty and the results are displayed / dictated in the class. Students are given an opportunity to go through their answer sheets and get the queries solved. The students are at the liberty to approach the HoD's, in case they are not satisfied regarding the assessment.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Internal examinations in terms of Unit tests, assignments, laboratory performance, project etc. are being conducted throughout the semester. The faculty evaluates the test papers within a week of conduction of test. The evaluated answer sheets are shown to students in class and faculty looks into the individual grievances of student and takes corrective action. The test marks are available with the class teachers for verification by students. If any discrepancies are reported by the students, they are resolved immediately. Faculty evaluates assignments based on timely submission, contents, clarity, neatness, etc. The evaluated assignments are given back to students and grievances if any are resolved. The experiment performed by the student is immediately evaluated by the faculty based on certain parameters like involvement, competency etc. and the performance grades are assigned by the faculty. The grade scored by the student for each experiment is indicated in practical record. The independent learning, practical approach to the real-time applications is tested by viva voce for laboratory courses. Project evaluation is done in phased manner by the panel of respective project guide and two other faculty members. Criterions such as quality of problem formulation, literature analysis, presentation, team work, etc. are considered for evaluation.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Course Outcomes (Cos) are formulated by respective subject teachers keeping in mind the Blooms Taxonomy. The course content as per syllabus is mapped with indicators for understanding the level of Program Outcomes (POs) and Program Specific Outcomes (PSOs). The formulated COs and mapped POs and PSOs are scrutinized by a committee appointed by respective Head of departments. Finally, each CO is mapped with the level of POs and PSOs for each course. These COs and POs are disseminated to the stake holders using various mechanisms.

The COs are disseminated to students at the start of the session by the respective subject teachers. The COs are also published on Institutes Web-site for dissemination to all stake holders. The COs are also disseminated through Laboratory manuals available in each Lab.

The POs are disseminated to the students through Notice Boards, Display Boards in Corridors, End of Course Survey and Senior Exit Survey. The POs are also disseminated to other stake holders through Institutes Web-site, Alumni Survey, Employers Survey and Institutes of Higher Learning Survey. The PEOs and POs are also disseminated to the parents in regional language during Parents meet.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The method of evaluating the attainment of CO is based on student's marks. The student marks consists of Final exam, Tests, Quizzes, Assignments, Project and etc. Assessment-CO matrix is produced for each individual course based on assessment methods used. The weightage in the matrix shows the amount, in term of percentage. Strength of mapping (POs/PSOs) is defined at three levels: Low (level 1), Medium (level 2) and high (level 3)

Targets are set for each CO of a course individually based on class average of three previous exams. The proportional weightages of Internal Exam (IE): External Exam (EE) is 20:80. Attainment of CO in a course = Weightage of IE x Attainment of CO as % in IE + Weightage of EE x Class Avg. Marks % in EE. Computation of Attainment of COs in Course = 0.9 Direct CO Attainment + 0.1 Indirect CO Attainment.

A course/project etc. meets a subset of POs and PSOs to different level (1, 2 or 3). PO/ PSO attainments are normalized to 1. For example, Attainment of PO1 in Course = (1/3) x Ave (CO attainment percentage addressing PO1/100); Attainment of PO2 in Course = (1/3) x Ave (CO attainment percentage addressing PO2/100).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

1173

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	Nil

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)

http://mitra.ac.in/uploads/main-media-pdf/Student_Satisfaction_Survey1.pdf

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)

15.2

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 departments having Research projects funded by government and non government agencies during the year

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

2

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	www.aicte-india.org

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

21

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during

the year

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

122

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

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

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

29

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

3.3 - Extension Activities

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

PRMITR has well established "National Service Scheme Department" through which institute implements various activities sensitizing students to social issues.

Under NSS institute has organize Blood Donation Camp, Mask, Sanitizer and Grain distribution during Covid 19, Felicitation of Frontline Covid Workers, Tree Plantation Program, Online Health Awareness Program, Women Employment Program, Food Distribution at Old age Homes, Orphanages, Water conservation Program, Food distribution in hospitals.

Institute is committed to impart social responsibility amongst today's graduates. Through these activities students realize the need of poor, helpless people of the society. Moreover they recognize the efforts of various stakeholders of the society towards

its welfare.

Activities like Tree Plantation, Water Conservation bring awareness in society and contribute towards effective implementation of environment friendly practices.

Institute has adopted few villages for organizing social activities. During covid pandemic; Institute has distributed grains to needy people. It has helped them significantly to carry out their livelihood during crises.

Programs like Health Awareness, Yoga Day educates students on importance of Health, precautions necessary to maintain good health.

Institute has year round plan of activities and concerned departments, student committees make sure its yearly effective execution

File Description	Documents
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/3_3_1.pdf
Upload any additional information	View File

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

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

0

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	No File Uploaded

3.3.3 - 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

3.3.3.1 - 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 last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

829

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

3

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
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 fulfils all the norms specified by the statutory bodies in terms of land requirement, instructional, administrative and amenities area to provide high quality education.The campus of PRMITR is spread in the area of 10.46 acre with total constructed area of 25000 sq. m. The college campus has sufficient space for all academic, administrative, co-curricular and extra-curricular activities. The Institute has spacious and sufficient classrooms,seminar halls, state of the art laboratories and open auditorium.The entire campus is under CCTV surveillance for safety and security purpose.

There are Lecture Halls: 43, Tutorial room: 3 , Seminar Halls: 05, Laboratory: 52, Library: 01, Departmental Library: 5, TPO Office: 01, First Aid Room:01, Office: 01, Workshops: 01, Seminar Hall: 04; Open Air Auditorium: 01(Seating capacity 600), Photocopy Centre:01, Canteens:01, and other adequate facilities including HOD Rooms, Faculty Rooms, Boys & Girls Common Rooms and Store rooms. All classrooms are ICT enabled.Each department hassufficient number ofmanned laboratories. All the laboratories are well equipped with necessary experimental setups of excellent quality.

Institute has around 200 MBPS Internet Bandwidth for more than 800 computers in the campus connected through LAN and a Server room.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/4_1_1.pdf

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

The institute emphasises on overall development of the students through participation in co - curricular activities andextra-curricularactivities. In order to build qualities like leadership, team spirit and competitiveness, encouragement is given to Outdoor and Indoor sports. The institute has avast open ground admeasuring 2.5 acres for Outdoor sports. There are sufficient seminar halls and an auditorium to conduct cultural activities.

Sports & Games:Director of Sportsis responsible for conduction of sports activities. Students are trained and assisted to equip them to participate in University and national level sports events.The institute has well equipped facilities for indoor sports like Table-Tennis, Carrom,etc.For some of the sports activities like Badminton, Swimming etc, the institute ties up with other organizations having the facility.

Cultural:Cultural activities are conducted on different occasions like first year induction, Teacher's day, Annual Festivals etc. To bring out the inherent talent of the students, the institute has started clubs likemusic club, hobby club etc.The institute also has clubs for technical activities like Coding Club, Robotics Club, Student Chapters etc. Students are encouraged to actively participate and showcase their talents and skills. The activities contribute towards overall personality development of students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

43

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

51

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
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)

2.59

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)

LIBSYS is a fully integrated multi-user library management system based on client-server model and supports open system architecture, web-based access and GUI. LIBSYS has seven basic modules – Acquisition; Cataloguing; Circulation; Serials; OPAC; Web-OPAC and Article indexing.

It is based on client-server model and TCP/IP for communication and networking. It provides ANSI Z39.50 complaint web access for making the server accessible through Internet/Intranet and also Supports web OPAC for accessing bibliographic databases through Internet/ Intranet. It includes images and multimedia interfaces with LIBSYS search engine and supports barcode technology for membership card production and circulation.

The system is capable of generating membership card for every user. Through OPAC user can search in library / through intranet, the books by author name, title, subject, class number, keywords etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	[NIL](NIL)

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)

1.81

File Description	Documents
Any additional information	**No File Uploaded**
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

31

File Description	Documents
Any additional information	**No File Uploaded**
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

Sufficient amount of computer system along with ancillary equipment such as printer, Scanner, LCD Projector etc. are available in various department of the institute. The system administrator is overall incharge for maintenance & modification of IT Facilities from time to time. Network system admin & His Team regularly inspects the available IT facilities and Suggest any modification required from time to time. The existing facilities are upgraded as per requirement. Also provisions for addition of new facilities are made.

The institute regularly updates its internet Connectivity (Bandwidth) depending upon future requirement. Presently the institute has 3 internet lines of 100 Mbps, 40 Mbps & 50 Mbps. The institute also upgrades its switching systems for better Intranet & Internet connectivity.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	<u>NIL</u>

4.3.2 - Number of Computers

841

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	<u>View File</u>

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

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	<u>View File</u>

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)

429.19

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	**No File Uploaded**
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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 has separate maintenance wing to look after the physical infrastructure and other essential services like water, fire equipment, garden, drainage, sanitation, etc. The institute also employs services of external agency for daily cleaning of classrooms, labs, toilets, surrounding area etc.

As far as the equipment maintenance is concerned each department has in-charge faculty to look after the repairs, calibration, and configuration. In case of major repairs of academic support facilities, the concerned agencies are contacted and quotations are invited. In most of the cases the repairs are done within the campus only else the equipment's are transported to the repair facilities of the concerned agency.

System Manager shall look after all the Computing facilities within the campus. He/ She along with his/her team will carry out minor repairs as and when required. System Manager will maintain the all the LANs, Servers, Networking equipment's, Firewalls, Internet Services etc. for smooth functioning of the computing facilities.

The Library has developed a procedure to maintain and preserve books. Pest Control operations are carried out regularly. Books which are torn/ damaged are re-binded at the campus with the help of external agency. The Institute strives for optimal utilization of all existing facilities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/PR MITR_Policy_for_Purchase_Maintenance.pdf

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

3024

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

155

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

B. 3 of the above

File Description	Documents
Link to institutional website	http://mitra.ac.in/uploads/main-media-pdf/5_1_3.pdf
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

3552

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

3552

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

B. Any 3 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

450

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

25

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

29

File Description	Documents
Upload supporting data for the same	View File
Any additional information	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.

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at univer sity/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 President of the student council is a member of College Development Council (CDC) and attends to all the business of CDC. He is responsible for raising all students concerns during CDC meetings. Sports committee-

The Sports Committee headed by the physical education director of the institute organizes Annual Sports Meet. Students are actively involved in the committee. They are responsible for planning and execution of all the indoor and outdoor competitions.

The Cultural activities of the institute are planned by the Cultural committee every year. This involves interclass cultural competitions as well as cultural programs conducted during various commemorative days, Annual social gathering "Aashayein" etc. Inter- institute and intra-institute cultural activities/ competitions involve student representatives.

Various student chapters such as IE(I) student chapter, IETE student chapter, CSI student chapter, MESA, CESA etc. are represented by students. Each of these bodies is mentored by faculty in-charge. They are tasked with conducting co-curricular and extra-curricular activities such as workshops, Guest lectures, Training Programs etc. The students also form part of Training and Placement committee for smooth conduction of T&P activities throughout the year.

Students are also members of Anti- Ragging Cell, Women's ICC, Music Club, Youth Festival and Discipline Committee.

File Description	Documents
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/5_3_2.pdf
Upload any additional information	No File Uploaded

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

299

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	View File
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

PRMITR Alumni Association established in the year 2004, has many members settled in various parts of India and abroad. PRMITR Alumni is a Network of Alumni to connect, collaborate and promote quality Education, Entrepreneurship and Employment. PRMITR Alumni Association is serving as the forum to promote and foster the good relationship between alumni, present students, management and teaching faculty, to keep alumni informed, and create a network enabling them to remain engaged with their alma mater and help shape its future through the Association's programmes and services. It provides a platform to communicate with alumni and students in respect of achievements of an alumni and also success of the Institute and to interact with each other and promote academic, Research and Development activities, organize lectures by distinguished alumni, Professionals, Seminars, and Workshops. It also helps to develop mutual cooperation in various sectors like training and placement, Industry Institute Interaction etc. Attempts are made to identify Area Coordinators in different zones of our country and abroad so that they can work more effectively to coordinate and interact with alumni.

Apart from this the Institute has its own Institute Alumni Council (Unregistered) established in April 2018 and has around 3300 members.

File Description	Documents
Paste link for additional information	http://mitra.ac.in/site/alumni
Upload any additional information	No File Uploaded

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

File Description	Documents
Upload any additional information	No File Uploaded

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 and mission statement defines the institute's divergent characteristics in fulfilling the needs of all stakeholders involved. In adherence to vision and mission and norms of AICTE and UGC, College Development Council (CDC) is constituted to contribute to the overall growth of institution.

The institute provides Research Oriented environment with best practices to serve as benchmark which enables the institute to evolve into an epitome of values, culture to nurture not only quintessential technocrats but also responsible citizens in tune with its mission.

The Principal formulates rules and regulations under the guidance of Management and CDC of institution. He ensures right logistical and academic atmosphere to assist learners to become globally competitive and employable.

The CDC and IQAC administer academic planning, feedback, result analysis, research, infrastructural requirements, maintenance and placements, etc. Feedback and ideas are invited from alumni through Institute Alumni Council (IAC) and other stakeholders for innovation and improvement in various activities.

Senior Faculty acts as conveners of Statutory & Non-statutory committees assisting Principal in developing and implementing the decisions. The Principal is provided with financial resources for modernize facilities, to implement new R&D projects, expand infrastructure, upgrade laboratories, library, classrooms, ICT and sports facilities according to the annual plan.

File Description	Documents
Paste link for additional information	[NIL]()
Upload any additional information	No File Uploaded

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

Prof. Ram Meghe Institute of Technology & Research practices decentralization and participative management to achieve excellence. The key objective of the institute is to make its students

"Employable". In order to foster & aid the placement process, Training and Up-skilling of students is necessary. The Training Cell of institute involves Dean (T and P), Training Officer and Coordinators from every department. The cell is responsible to cater the needs of students in terms of Skill development. The training to students is provided from first year itself in phases which include: Aptitude, Mock Interviews, Group Discussions, Communication Skills, Workshops and Technical Sessions etc. to sharpen the skill-sets of students. The cell invites Industry Personnel and renowned Alumni to conduct training programs for final year students. The students and faculty work in unison to make the students "Industry Ready." This up-skilling enables our students to set new standards in the corporate world through their estimable contributions. The participation of students and faculty in deciding the area of training, it's planning, and execution is worth praising. The training cell has contributed to placement in larger perspective.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

To develop state-of-the art manufacturing facility through Industry-Institute-Interaction by developing Robotics & Automation Laboratory

Following are the objectives of the Laboratory.

- **To perform UG & PG projects, research based on advance manufacturing**
- **To develop Training Center for programming and advance manufacturing techniques**
- **To conduct certificate courses based on advance manufacturing.**

In view of creating the proposed facility following efforts were made by the institute:

- **Communication with eminent alumni from various organizations/industries**
- **Submitting proposals to authorities like AICTE for grant-in-aid**
- **Pursuing with the management of the institute for the**

budgetary provision

As a result of healthy rapport with the alumni, Institute succeeded in getting Welding Robot & Programming Software from the industry Yaskawa India Pvt. Ltd. under Corporate Social Responsibility (CSR) Scheme.

Facility

Source of Finance

Approximate Cost in Lakh

YASKAWA Robot 'Moto man

AR1440 Slim, Thru- Arm Arc Welding Robot & Programming Software

Yaskawa India Pvt. Ltd

Rs. 15.00

Activities conducted in the Robotics and Automation Laboratory:

- One week training on robot programming and operation was provided by Sr. Engineer Santosh Kumar from Yaskawa India Pvt. Ltd to 10 faculty members from Mechanical Engineering Department.
- UG project based on Repeatability Testing/ Precision

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	[NIL](NIL)
Upload any additional information	No File Uploaded

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.

There is a well-defined governance mechanism that ensures implementation, monitoring and evaluation of policies and plans for smooth operation of Institute and attainment of expectations. The academia and administrative bodies are quite proactive and vibrant

in devising practices for teaching-learning and evaluation. Various committees are formed like College Development Committee (CDC), Finance Committee, College Council, Central Coordination Committee, Purchase Committee, etc. to inculcate transparency in decision making and effective governance of Institute. The functionalities of these committees are well defined and committees are headed by key persons with active participation of stakeholders. The Institution has published rules, procedures and policies. Staff Council is a platform for faculty to address their various issues. Top management regularly interacts with the institute administration through CDC and IQAC and sets the goals about quality policy. The Principal sets up rules & regulations for decentralized and participatory administration, effective governance and transparency in administration of the institution. Faculty plays a key role in implementation of quality policy and plans for future development. The Institute has formed Grievance Redressal, Anti ragging and Women's grievance committees in support of staff, students and women for addressing the concerned issues.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	http://mitra.ac.in/site/about#administrative-structure
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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	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

Institute has Health Insurance Plan for all teaching and non-teaching employees. Under this scheme Medical claim up to Rs. 2, 00,000 per year is settled. Every year insurance provider company is selected on the basis of past claim settlement record and overall satisfaction of the employees. Under current health Insurance Scheme four members of the family are covered and medical claims for all diseases as per IRDA rule is reimbursed.

Employee Provident Fund to all employees is given as per Government rule. Moreover Institute offers scholarship to wards of non-teaching staff studying in the institute. Under this scheme every year wards of non-teaching staffs are completing their engineering from Institute.

Institute has well equipped Medical Dispensary unit for employees and students. Under this facility, full time doctor is appointed at Institute campus so as to provide primary medical services immediately. Further there is a provision of Ambulance at Institute campus to hospitalize patient to nearby hospitals.

File Description	Documents
Paste link for additional information	[NIL](NIL)
Upload any additional information	[View File](View%20File)

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
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

145

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
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

Appraisal for Teaching staff: At the end of academic year, teaching staff is required to submit PBAS by e-mail to respective Head of the Department (HOD). The PBAS consists of Part A, B, C and D.

Part A: This part comprises of general information such as personal details along with results of the subjects taught.

Part B: This part includes data on teaching/learning and evaluation related activities, co-curricular, extension, professional development related activities, research, publications and academic contributions.

.Part C: It covers details of any other credentials, significant contributions and awards if any, not mentioned in Part A and Part B.

Part D: This is a confidential evaluation sheet filled up by respective HOD based on the data furnished by teaching staff in part A, B and C. After assessment and remarks, HOD forwards hard copy of Part D to the Principal for further consideration.

Non-Teaching Staff: Performance appraisal in the form of yearly confidential report is carried out by the HOD on the basis of his/her physical fitness, technical abilities, character, relation with higher authorities/ colleagues, punctuality and awards gained, if any. The confidential report is then forwarded to Principal for further consideration.

File Description	Documents
Paste link for additional information	[NIL](#)
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

Institute's internal and external financial audits are conducted regularly through a well set process.

Internal Audit: The institute carries out the internal audit on daily basis. The fees and other amount collected through cash, cheques, DD are deposited in the college accounts. The details of these and online transactions are verified by the Finance Officer who scrutinizes and verifies the financial data. All the records are maintained in Tally, an accounting software program

An established procedure for purchases is adopted by the purchase committee with the support of Store Officer. Income/Expenditure is closely monitored by the Finance officer, Principal and the Treasurer at the Society's office.

External Audit: The external audit takes place annually after the completion of every financial year. The external auditing involves performing procedures to obtain evidence about the amounts and disclosures in the financial statements. The bills and vouchers of the income - expenditure and other files / registers are checked. Chartered Accountant, who works as an auditor is appointed by the VYWS Management. The VYWS Management ensures the funds are utilized both effectively and efficiently. The audit objections/compliance, if any, is handled by the Accounts Section of the administrative office,

File Description	Documents
Paste link for additional information	[NIL](#)
Upload any additional information	**No File Uploaded**

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 institution has a clear policy and procedure to monitor the effective use of funds received from various sources like fees, scholarships, consultancies, etc. Every year the institute budget allocation is done on the basis of revenue generated requirements from the departments and sanction of same by the authority. Programme-wise annual budgets for equipment; instruments, consumables, etc. are prepared by HODs and forwarded to the Principal for his consent. Principal reviews the budget of all departments and asks administrative office to prepare a consolidated budget of the Institute and presented in College Development Committee (CDC) meeting for approval. CDC reviews the proposed budget and allocates fund as per necessity and priority of proposed expenses. Funds are released provided there is no incongruity in the proposed budget and availability of the fund. Funds are utilized for the development of laboratories, procurement of books, national / international journals, salary of faculty and staff, development and maintenance activities, etc. The funds are also allocated for activities like attending seminars / workshops / conferences / technical competitions, etc. depending upon the importance and relevance of the necessity. The institute also mobilizes funds through consultancy activities.

File Description	Documents
Paste link for additional information	[NIL](NIL)
Upload any additional information	View File

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

1. WEBEX:- Integration with Moodle and Deployment

During COVID-19 pandemic the major problem was related to conduction of online classes. IQAC undertook integration of Webex platform with Moodle LMS. The task was to carry out the work for all the institutes and schools of our parent society. IQAC formed a team of few faculties including the IQAC Coordinator for in-house integration of Webex platform. This allowed for online conduction of classes for approx. 3700 students of our institute. Recorded lectures were made available on Moodle platform for those who miss the classes or lack in ICT facilities.

2. Virtual Laboratory

As physical conduction of classes was not possible during COVID-19 pandemic students were able to attend lectures through online Webex platform. However practical training was a problem area. The IQAC with help from few faculty members decided to provide virtual Lab facilities. A separate web space was developed for providing virtual labs to all programs. Virtual labs related to various disciplines and programs were integrated and a Virtual Private Server to provide Virtual Laboratory facilities was developed. Faculty were trained to use virtual lab facility which in turn helped the departments in conducting practical classes for all students with ease.

File Description	Documents
Paste link for additional information	[NIL](NIL)
Upload any additional information	**No File Uploaded**

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

Teaching Learning Process, structure and methodologies are regularly reviewed in the DAAC and IAAC meetings and appropriate actions are taken time to time. Following are the two important cases of institutional reviews and reforms

1. Introduction of Online Classes:

Due to restrictions imposed by COVID 19 pandemic, online classes were introduced at institution level to impart education in online mode. For this institution level Moodle LMS was integrated with CISCO Webex platform. The online classes were very successful in terms of attendance of students. Every effort was taken to make education interesting through use of power point presentation, animations, audio visuals etc in additions to pen and talk.

2. Introduction of Virtual labs

The Integrated Virtual Lab platform was developed to cater for students studying in various UG and PG programs to conduct online practical sessions and also to evaluate the performance of students through online quiz, viva-voce, etc. All the practicals were explained to the students by the respective faculty. Detail attendance record of each student was captured after completion of practical session. Students were able to ask their queries to the subject teacher through chat/ message box/ using raising hand facility

File Description	Documents
Paste link for additional information	NIL
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)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	NIL
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

Institute Level Women's Internal Complaints Committee is in place which comprises of faculty members, non-teaching staff, lawyer, male as well as female UG and PG students. The committee is responsible for all activities related to gender sensitization and gender equity. If any lady faculty and/ or girl student has a smallest possible complaint about anybody/anything, she is free to contact this committee anytime. This cell conducts the annual Women's Day program on regular basis. It also conducts program for faculty and students in collaboration with different organization related to Women's Right, gender sensitization and equity etc.

Sufficient number of separate washrooms and toilet for boys and girls had been provided in each department and at number of other places. Separate common room for girl's students had been specially provided in each department. Lady faculty members are provided separate seating arrangement in departments. This allows the girls students to contact them without hesitation at any time. Each department has an instruction board which clearly advises to avoid eve teasing in any case.

Due to COVID-19 pandemic no programs could be conducted for academic year 2020-21.

File Description	Documents
Annual gender sensitization action plan	**Nil**
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	http://mitra.ac.in/uploads/main-media-pdf/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

B. Any 3 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

1. Solid Waste Management: - Biodegradable waste includes food waste, canteen waste and waste from toilets etc. while Non-Biodegradable waste includes plastic, tin, glass, bottle etc. All solid waste materials are collected room wise, building wise in the campus and from entire open ground. Further it is dumped in to the open pit provided in the campus. The vehicles of Amravati Municipal Corporation carry this waste for further treatment and disposal.

2. Liquid Waste Management: - Liquid waste from each building is drained into adjoining chambers. All the chambers are interconnected through pipes. The drained waste is accumulated in huge tank on the campus. This liquid waste is treated at the Waste Water treatment unit. This water is further used for gardening in the campus. For academic interest, many final year students undertake projects based on waste water treatment.

3. E-Waste Management: - The Institute has an efficient mechanism to dispose of E-waste generated from various sources. The E-waste

includes out of order equipment or obsolete items like circuits, computers and accessories, printers, Scientific Instruments etc. All such equipment which cannot be reused or recycled is being stored in a place for subsequent disposal.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	http://mitra.ac.in/uploads/main-media-pdf/7_1_3.pdf
Any other relevant information	No File Uploaded

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

B. Any 3 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:

A. Any 4 or All of the above

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	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

D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
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

C. Any 2 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	No File Uploaded
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).

Institutions provide an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities are organized In the institute for promoting the harmony and tolerance towards each other. The institute celebrates commemorative days like YOGA Day, International Women Day, Engineers Day, Teachers Days, etc for promoting harmony towards culture. NSS also organizes various programs to disseminate communal and socioeconomic messages.

Apart from this institute organizes Annual cultural festival named "AASHAYEIN" and technical festival "ESPERENZA" for promoting cultural, regional, communal and linguistic harmony and tolerance. Student activities conducted by various student chapters also helps in promoting harmony with respect to regional, socioeconomic and other diversities.

All these activities help the institute in establishing positive vibes amongst student of different racial and cultural background. The institute also has student grievance redressal cell, Womens grievance redressal cell to take care of any grievances irrespective of caste, race, community or cultural background.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
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

Institute Sensitizes its students and employees towards the Constitutional obligations through awareness program such as Constitution Day, Voter awareness, Swatch Bharat Abhiyan, etc, Orientation program based on Constitution of India forms part of curriculum for the student's which interns helps in nurturing the spirit of constitution and obligation towards the nation amongst the students.

Apart from these courses like Cyber Security, IPR, Ethical values, etc are part of curriculum which allows the students to understand their obligation and rights. Subject such as Cyber Security teaches the students various aspects related to Cyber crime, cyber space, Indian IT Act, etc. WICC Cell of the institute enlightens the lady faculty and girl students about their constitutional rights through appropriate programs and activities. The institution encourages participation of students in Sports and Games, and NSS at National level to strengthen human bond and relations irrespective of caste, creed, community, religion, region, etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	No File Uploaded

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 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

C. Any 2 of the above

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	No File Uploaded
Any other relevant information	No File Uploaded

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

Institute celebrates major national festivals with great enthusiasm

to inculcate a sense of patriotism in the students as well as staff. Every year students and staff come together to pay the respect towards national flag and also conduct a tree plantation program on occasion of Independence Day. Sweets are distributed on this occasion. On Independence Day and Republic Day some of the students along with faculty members visit old age homes, Orphanages, etc and celebrate this occasion with them. They also distribute sweets, used cloths and other essentials to them.

The institute celebrates International Yoga Day during which a Yoga trainer is invited to conduct yoga for all. The institute also celebrates commemorative days such as Engineers day, Teachers day, International Women's day, International Telecommunication day etc. The Engineers day is celebrated in collaboration with student chapters and Institution of Engineers (India). Teachers day is celebrated by student with enthusiasm wherein the student adopt the role of teachers for the day. Also a program is conducted by the students to felicitate the teachers. On the occasion of International Women's day speakers are invited, where they delve on topics such as Gender Equity, Women's Rights, Education to Girl Child etc.

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

7.2 - Best Practices

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

1.E-learning cell of IQAC developed the MOODLE based LMS platform for content dissemination to students, maintaining attendance, conduction of online quizzes, online assignments and its grading etc. A team of five faculties was given the task for development of this platform. The most challenging task was to integrate the Webex platform (along with all its features) with Moodle LMS platform and that too in-house.As the institute had available talent to take care of this, it was decided to form a team of three faculties for the purpose of integration of Webex platform with the LMS platform. After integration of the Webex platform, a trial run was conducted.

2.E-learning cell of IQAC developed the integrated platform for provisioningof different virtual laboratories to cater the requirements of various UG and PG courses. A team of five faculties was formed to accomplish the task.This platform was deployed on separate web space and was further integrated with the Moodle LMS platform. The most challenging task was that of in-house integration of various virtual labs on a common platform and its further integration with the Moodle LMS platform. After integration of the Virtual lab platform, a trial run was conducted.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	**No File Uploaded**

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

Prof. Ram Meghe Institute of Technology Research, Badnera has an enviable record in placement of rural students since its inception. The institute has been influential in updating the skill sets of the students to make them "Industry Ready". Top Multi-National companies visit the institute every year for recruitment because of highly employable quality of graduates. The institute focuses on improving the industrial acceptability of students by seeking meaningful interaction between Industry and Institute. The institution has extensively practiced outcome based training methodologies by tying up with renowned training agencies and Institutions such as NASSCOM, CISCO, Cognizant's Digital Nurture Program and AWS to increase knowledge and skills of the students. Placement process is constantly tuned based on Industry need and feedback encompassing every dimension like-Understanding the dynamically changing needs of the corporate through formal structured interactions with Alumni and Industry Personnel

• Profiling of the students to identify their aspirations, strengths, weaknesses and potentials

• Involvement of Students in the Process such that both their Expectations and Responsibilities are enriched

• Students exposure to corporate expectations by enabling direct contact in every stage.

This resulted in the placement of 569 students in esteemed and top notched Industries in academic year 2020-21.

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

PRMIT&R is affiliated to SGBAU, Amravati and follows the curriculum recommended by Board of Studies and approved by the Academic Council of SGBAU Amravati. Every year in the beginning of the semester, the Academic Dean, in consultation with the Principal, referring to the SGBAU academic calendar, prepares an academic calendar enlisting the working days, internal assessment schedule, test schedule and dates of important events in the semester. The teaching faculty at PRMITR is a judicious blend of youth and experience. Faculty defines Course Outcomes, Assessment Tools, and Assessment Methods. Prepares Academic Teaching Plan to cover curriculum and content beyond syllabus. Teaching plan is prepared based on the academic calendar. Periodic review of the progress of teaching activity is taken. Short fall if any is covered through extra classes. Remedial classes are conducted for academically weaker students. Also, these classes are open to all students. Role of Departments:-- The faculty members prepare the teaching plan as per the SGBAU syllabus, referring to academic calendar. -The learning material is uploaded on the Moodle site. - There is a Departmental Academic Assessment Committee (DAAC) which monitors the academics and thus plays a major role in improving the teaching learning process.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	[Nil]()

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

Before the start of every academic session, Principal along with the Dean (Academic)conducts an IAC meeting with Heads of all the Departments and finalize the Academic Calendar in alignment with the University schedule. College academic calendar is designed considering all events in accordance with the University academic calendar. In all 15 weeks are planned which mainly include

commencement date, closing date of the term, dates of internal tests I and II, college festivals, submissions, oral / practical exams etc. Schedule for internal exams and tentative dates for University theory and practical exams are displayed in academic calendar. Curricular and extra-curricular activity dates, exam schedules and other activity dates are displayed in the academic calendar.Faculty conducts lectures and practical's as per the timetable in alignment with the academic calendar. Exams and result declaration are strictly followed on the dates mentioned in the academic calendar. Each department has separate In-charge committee to implement the exam schedule given in the academic/activity calendar. Test papers are evaluated by respective faculty in three days from the date of exam and the results are displayed / dictated in the class.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	Nil

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

13

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
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)

5

File Description	Documents
Any additional information	View File
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

1511

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

3042

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

The Curriculum of different programs encapsulates courses for enhancing professional competencies as well as general competencies like social values, human values, environment sensitivity etc. of students, thereby leading to their holistic development.

Twenty one days Induction program related to values and ethics is an integral part of the curriculum of the first year which provides free environment for inculcating values and developing ethical competencies among the students. An orientation program of 15 hours duration / MOOC on Indian Constitution is offered to the student in 3rd year.

Apart from this different programs offer courses such as Environmental Studies, Environmental Engineering, Communication Skill, Social Science and Engineering Economics, Professional Ethics and Management, Professional Ethics, Cyber Law and Ethics, Intellectual Property rights, Human Resource Development and Organization and Non-Conventional Energy sources to students so that they should follow ethical practices, understand the importance of Environment and Sustainability and inculcate Human Values.

The Women's Internal Complaints Committee cell aims to enable female faculty and girl students to explore their imminent potential in all aspects and provide a congenial working environment for them. The activities of NSS play a major role in developing ethical behaviour, community services, human values etc.

File Description	Documents
Any additional information	View File
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

16

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	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

1118

File Description	Documents
Any additional information	View File
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	B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	**No File Uploaded**
Any additional information(Upload)	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	**B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	**No File Uploaded**
URL for feedback report	http://mitra.ac.in/uploads/main-media-pdf/1_4_2_Institutional_Feedback_UG_and_PG.pdf

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 sanctioned seats during the year

1083

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

545

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

Outcome-based learning processes, helps in identifying slow learners and advanced learners based on the test and practical performances class interaction etc. Emphasis is given on improving the performance of slow learners by providing remedial classes. For difficult courses in first year and higher classes, remedial classes are conducted for students who have fared poorly in exams. Mentor-mentee system provides added support to the slow learners. The mentor identifies other skills and strengths and encourages them to hone them so as to improve their academic performance. The mentor tries to understand their socio-economic backgrounds, which sometimes may be a reason for poor performance.

Advanced learners are given opportunities to be part of innovative projects and other technical initiatives of the institute. Advanced learners are appointed as Class Representatives or on student council, so as to give a chance to develop their communication, leadership & team building skills. They are also given an opportunity to be office bearers of student council / professional bodies and lead professional activities at various levels, which boosts their professional career. They are given the opportunity to participate in Hackathons, Paper Presentations, Project Competitions, Summer Projects and Internships. They also help slow learners through peer learning.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	**No File Uploaded**

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

Number of Students	Number of Teachers
3659	252

File Description	Documents
Any additional information	No File Uploaded

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

All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning.

1. Experimental Learning- The curriculum includes laboratory courses, wherein students gain knowledge through experiential learning. Also, add-on Courses by NPTEL on latest technologies and industrial visits engage them in experiential learning. Final Year projects give the students ample opportunity for experimental learning.

2. Participatory Learning- By participating in various activities such as seminar, group discussion, wall papers and projects, students manifest participative learning. Students are encouraged to participate in activities such as Annual Tech Fest, Technical Quizzes, Seminar, Presentation and publication of papers in conferences and journals, to exhibit their specialized technical and/or management skills. Similarly, participation in competitions and hands on workshops and trainings form a part of participatory learning.

3. Problem-solving methods: In order to improvise problem-solving skills the Institute/ departments organize expert lectures on various topics, motivate students to join MOOC courses and participate in various inter-college and intra-college technical fests. Project course in final year curriculum, mini-project at pre-final stage and project Internship, helps them to showcase their problem solving abilities and also demonstrate use of modern tools, equipment's etc.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	[Nil](#)

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

In the view of Digitization of education field, to support the ICT enabled tool Power point presentation are used with animation and audio clips. To support ICT Enabled Tools all the Class rooms are equipped with Computer, LCD projector and Wi-Fi/ LAN. With a view, to provide easy and quick learning to the students by using the advance functionality of the growing technologies and understanding the need of e-learning in today's world, "Mitra-edu.tech" an Online E-learning platform was established to help students and faculty to overcome the drawbacks of traditional classrooms techniques and providing them the user friendly access towards the learning. The portal is integrated with CISCO Webex Application for the conduction of online classroom. The conducted lecture through CISCO Webex Application is stored on Cloud so that students can watch the recording for betterment. The Academic Activities like Midterm Test, Assignment, and Practical Session are all conducted through the MOODLE portal. The institute has also started virtual labs by integrating the virtual lab platforms with MOODLE. Apart from this the student can avail e-book and e- journal facilities from central library.

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://mitra.ac.in/uploads/main-media-pdf/2_3_2_done_LINKED_ICT_Facilities.pdf

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

220

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
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

252

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

3086

File Description	Documents
Any additional information	**No File Uploaded**
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.

Continuous Internal Evaluation (CIE) is done in department on outcome based evaluation system which includes two class tests as mentioned in academic calendar of the institution. All the question papers are set as according to the outcome-based evaluation which specifies the satisfaction level of course outcomes. For the evaluation of last two units online MCQ tests/ quiz /Seminar are conducted in classroom and assessment is done accordingly. The assignments and practical records are graded by faculty and the students are shown the grades. With the increasing use of Moodle , we have introduced MCQ as part of CIE. Similarly, the final year project is divided in to three phases. First phase is based on Problem definition and Design, followed by Problem implementation & Testing and the last phase is based on Project Demonstration and Report Submission.

Exams and result declaration are strictly followed as per the academic calendar. Test papers are evaluated by respective faculty and the results are displayed / dictated in the class. Students are given an opportunity to go through their answer sheets and get the queries solved. The students are at the liberty to approach the HoD's, in case they are not satisfied regarding the assessment.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

Internal examinations in terms of Unit tests, assignments, laboratory performance, project etc. are being conducted throughout the semester. The faculty evaluates the test papers within a week of conduction of test. The evaluated answer sheets are shown to students in class and faculty looks into the individual grievances of student and takes corrective action. The test marks are available with the class teachers for verification by students. If any discrepancies are reported by the students, they are resolved immediately. Faculty evaluates assignments based on timely submission, contents, clarity, neatness, etc. The evaluated assignments are given back to students and grievances if any are resolved. The experiment performed by the student is immediately evaluated by the faculty based on certain parameters like involvement, competency etc. and the performance grades are assigned by the faculty. The grade scored by the student for each experiment is indicated in practical record. The independent learning, practical approach to the real-time applications is tested by viva voce for laboratory courses. Project evaluation is done in phased manner by the panel of respective project guide and two other faculty members. Criterions such as quality of problem formulation, literature analysis, presentation, team work, etc. are considered for evaluation.

File Description	Documents
Any additional information	**No File Uploaded**
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Course Outcomes (Cos) are formulated by respective subject teachers keeping in mind the Blooms Taxonomy. The course content as per syllabus is mapped with indicators for understanding the level of Program Outcomes (POs) and Program Specific Outcomes (PSOs). The formulated COs and mapped POs and PSOs are scrutinized by a committee appointed by respective Head of departments. Finally, each CO is mapped with the level of POs and PSOs for each course. These COs and POs are disseminated to the stake holders using various mechanisms.

The COs are disseminated to students at the start of the session by the respective subject teachers. The COs are also published on

Institutes Web-site for dissemination to all stake holders. The COs are also disseminated through Laboratory manuals available in each Lab.

The POs are disseminated to the students through Notice Boards, Display Boards in Corridors, End of Course Survey and Senior Exit Survey. The POs are also disseminated to other stake holders through Institutes Web-site, Alumni Survey, Employers Survey and Institutes of Higher Learning Survey. The PEOs and POs are also disseminated to the parents in regional language during Parents meet.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for Additional information	Nil
Upload COs for all courses (exemplars from Glossary)	View File

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

The method of evaluating the attainment of CO is based on student's marks. The student marks consists of Final exam, Tests, Quizzes, Assignments, Project and etc. Assessment-CO matrix is produced for each individual course based on assessment methods used. The weightage in the matrix shows the amount, in term of percentage. Strength of mapping (POs/PSOs) is defined at three levels: Low (level 1), Medium (level 2) and high (level 3)

Targets are set for each CO of a course individually based on class average of three previous exams. The proportional weightages of Internal Exam (IE): External Exam (EE) is 20:80. Attainment of CO in a course = Weightage of IE x Attainment of CO as % in IE + Weightage of EE x Class Avg. Marks % in EE. Computation of Attainment of COs in Course = 0.9 Direct CO Attainment + 0.1 Indirect CO Attainment.

A course/project etc. meets a subset of POs and PSOs to different level (1, 2 or 3). PO/ PSO attainments are normalized to 1. For example, Attainment of PO1 in Course = (1/3) x Ave (CO attainment percentage addressing PO1/100); Attainment of PO2 in Course = (1/3) x Ave (CO attainment percentage addressing PO2/100).

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	Nil

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

1173

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	Nil

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)

http://mitra.ac.in/uploads/main-media-pdf/Student_Satisfaction_Survey1.pdf

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)

15.2

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 departments having Research projects funded by government and non government agencies during the year

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

2

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	www.aicte-india.org

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

21

File Description	Documents
Report of the event	[View File](#)
Any additional information	[View File](#)
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

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

122

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

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

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

29

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

3.3 - Extension Activities

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

PRMITR has well established "National Service Scheme Department" through which institute implements various activities sensitizing students to social issues.

Under NSS institute has organize Blood Donation Camp, Mask, Sanitizer and Grain distribution during Covid 19, Felicitation of Frontline Covid Workers, Tree Plantation Program, Online Health Awareness Program, Women Employment Program, Food Distribution at Old age Homes, Orphanages, Water conservation Program, Food distribution in hospitals.

Institute is committed to impart social responsibility amongst

today's graduates. Through these activities students realize the need of poor, helpless people of the society. Moreover they recognize the efforts of various stakeholders of the society towards its welfare.

Activities like Tree Plantation, Water Conservation bring awareness in society and contribute towards effective implementation of environment friendly practices.

Institute has adopted few villages for organizing social activities. During covid pandemic; Institute has distributed grains to needy people. It has helped them significantly to carry out their livelihood during crises.

Programs like Health Awareness, Yoga Day educates students on importance of Health, precautions necessary to maintain good health.

Institute has year round plan of activities and concerned departments, student committees make sure its yearly effective execution

File Description	Documents
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/3_3_1.pdf
Upload any additional information	View File

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

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

0

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	No File Uploaded

3.3.3 - 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

3.3.3.1 - 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 last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

829

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

3

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

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

13

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
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 fulfils all the norms specified by the statutory bodies in terms of land requirement, instructional, administrative and amenities area to provide high quality education.The campus of PRMITR is spread in the area of 10.46 acre with total constructed area of 25000 sq. m. The college campus has sufficient space for all academic, administrative, co-curricular and extra-curricular activities. The Institute has spacious and sufficient classrooms,seminar halls, state of the art laboratories and open auditorium.The entire campus is under CCTV surveillance for safety and security purpose.

There are Lecture Halls: 43, Tutorial room: 3 , Seminar Halls:

05, Laboratory: 52, Library: 01, Departmental Library: 5, TPO Office: 01, First Aid Room:01, Office: 01, Workshops: 01, Seminar Hall: 04; Open Air Auditorium: 01(Seating capacity 600), Photocopy Centre:01, Canteens:01, and other adequate facilities including HOD Rooms, Faculty Rooms, Boys & Girls Common Rooms and Store rooms. All classrooms are ICT enabled.Each department hassufficient number ofmanned laboratories. All the laboratories are well equipped with necessary experimental setups of excellent quality.

Institute has around 200 MBPS Internet Bandwidth for more than 800 computers in the campus connected through LAN and a Server room.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/4_1_1.pdf

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

The institute emphasises on overall development of the students through participation in co - curricular activities andextra-curricularactivities. In order to build qualities like leadership, team spirit and competitiveness, encouragement is given to Outdoor and Indoor sports. The institute has avast open ground admeasuring 2.5 acres for Outdoor sports. There are sufficient seminar halls and an auditorium to conduct cultural activities.

Sports & Games:Director of Sportsis responsible for conduction of sports activities. Students are trained and assisted to equip them to participate in University and national level sports events.The institute has well equipped facilities for indoor sports like Table-Tennis, Carrom,etc.For some of the sports activities like Badminton, Swimming etc, the institute ties up with other organizations having the facility.

Cultural:Cultural activities are conducted on different occasions like first year induction, Teacher's day, Annual Festivals etc. To bring out the inherent talent of the students, the institute has started clubs likemusic club, hobby club etc.The institute

also has clubs for technical activities like Coding Club, Robotics Club, Student Chapters etc. Students are encouraged to actively participate and showcase their talents and skills. The activities contribute towards overall personality development of students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

43

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

51

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
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)

2.59

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)

LIBSYS is a fully integrated multi-user library management system based on client-server model and supports open system architecture, web-based access and GUI. LIBSYS has seven basic modules – Acquisition; Cataloguing; Circulation; Serials; OPAC; Web-OPAC and Article indexing.

It is based on client-server model and TCP/IP for communication and networking. It provides ANSI Z39.50 complaint web access for making the server accessible through Internet/Intranet and also Supports web OPAC for accessing bibliographic databases through Internet/ Intranet. It includes images and multimedia interfaces with LIBSYS search engine and supports barcode technology for membership card production and circulation.

The system is capable of generating membership card for every user. Through OPAC user can search in library / through intranet, the books by author name, title, subject, class number, keywords etc.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	NIL

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)

1.81

File Description	Documents
Any additional information	**No File Uploaded**
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

31

File Description	Documents
Any additional information	**No File Uploaded**
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

Sufficient amount of computer system along with ancillary equipment such as printer, Scanner, LCD Projector etc. are available in various department of the institute. The system administrator is overall incharge for maintenance & modification of IT Facilities from time to time. Network system admin & His

Team regularly inspects the available IT facilities and Suggest any modification required from time to time. The existing facilities are upgraded as per requirement. Also provisions for addition of new facilities are made.

The institute regularly updates its internet Connectivity (Bandwidth) depending upon future requirement. Presently the institute has 3 internet lines of 100 Mbps, 40 Mbps & 50 Mbps. The institute also upgrades its switching systems for better Intranet & Internet connectivity.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	NIL

4.3.2 - Number of Computers

841

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

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

File Description	Documents
Upload any additional Information	No File Uploaded
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)

429.19

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	**No File Uploaded**
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 has separate maintenance wing to look after the physical infrastructure and other essential services like water, fire equipment, garden, drainage, sanitation, etc. The institute also employs services of external agency for daily cleaning of classrooms, labs, toilets, surrounding area etc.

As far as the equipment maintenance is concerned each department has in-charge faculty to look after the repairs, calibration, and configuration. In case of major repairs of academic support facilities, the concerned agencies are contacted and quotations are invited. In most of the cases the repairs are done within the campus only else the equipment's are transported to the repair facilities of the concerned agency.

System Manager shall look after all the Computing facilities within the campus. He/ She along with his/her team will carry out minor repairs as and when required. System Manager will maintain the all the LANs, Servers, Networking equipment's, Firewalls, Internet Services etc. for smooth functioning of the computing facilities.

The Library has developed a procedure to maintain and preserve books. Pest Control operations are carried out regularly. Books which are torn/ damaged are re-binded at the campus with the help of external agency. The Institute strives for optimal utilization of all existing facilities.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/ PRMITR_Policy_for_Purchase_Maintenance.pdf

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

3024

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

155

28-07-2022 11:38:56

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	**B. 3 of the above**

File Description	Documents
Link to institutional website	http://mitra.ac.in/uploads/main-media-pdf/5_1_3.pdf
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

3552

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

3552

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	**B. Any 3 of the above**

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

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

450

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

25

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

29

File Description	Documents
Upload supporting data for the same	[View File](#)
Any additional information	[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.

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
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 President of the student council is a member of College Development Council (CDC) and attends to all the business of CDC. He is responsible for raising all students concerns during CDC meetings. Sports committee-

The Sports Committee headed by the physical education director of the institute organizes Annual Sports Meet. Students are actively involved in the committee. They are responsible for planning and execution of all the indoor and outdoor competitions.

The Cultural activities of the institute are planned by the Cultural committee every year. This involves interclass cultural competitions as well as cultural programs conducted during various commemorative days, Annual social gathering "Aashayein" etc. Inter- institute and intra-institute cultural activities/ competitions involve student representatives.

Various student chapters such as IE(I) student chapter, IETE student chapter, CSI student chapter, MESA, CESA etc. are represented by students. Each of these bodies is mentored by faculty in-charge. They are tasked with conducting co-curricular and extra-curricular activities such as workshops, Guest lectures, Training Programs etc. The students also form part of Training and Placement committee for smooth conduction of T&P activities throughout the year.

Students are also members of Anti- Ragging Cell, Women's ICC, Music Club, Youth Festival and Discipline Committee.

File Description	Documents
Paste link for additional information	http://mitra.ac.in/uploads/main-media-pdf/5_3_2.pdf
Upload any additional information	No File Uploaded

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

299

File Description	Documents
Report of the event	**No File Uploaded**
Upload any additional information	View File
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

PRMITR Alumni Association established in the year 2004, has many members settled in various parts of India and abroad. PRMITR Alumni is a Network of Alumni to connect, collaborate and promote quality Education, Entrepreneurship and Employment. PRMITR Alumni Association is serving as the forum to promote and foster the good relationship between alumni, present students, management and teaching faculty, to keep alumni informed, and create a network enabling them to remain engaged with their alma mater and help shape its future through the Association's programmes and services. It provides a platform to communicate with alumni and students in respect of achievements of an alumni and also success of the Institute and to interact with each other and promote academic, Research and Development activities, organize lectures by distinguished alumni, Professionals, Seminars, and Workshops. It also helps to develop mutual cooperation in various sectors like training and placement, Industry Institute Interaction etc. Attempts are made to identify Area Coordinators in different zones of our country and abroad so that they can work more effectively to coordinate and interact with alumni.

Apart from this the Institute has its own Institute Alumni Council (Unregistered) established in April 2018 and has around 3300 members.

File Description	Documents
Paste link for additional information	http://mitra.ac.in/site/alumni
Upload any additional information	No File Uploaded

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

File Description	Documents
Upload any additional information	No File Uploaded

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 and mission statement defines the institute's divergent characteristics in fulfilling the needs of all stakeholders involved. In adherence to vision and mission and norms of AICTE and UGC, College Development Council (CDC) is constituted to contribute to the overall growth of institution.

The institute provides Research Oriented environment with best practices to serve as benchmark which enables the institute to evolve into an epitome of values, culture to nurture not only quintessential technocrats but also responsible citizens in tune with its mission.

The Principal formulates rules and regulations under the guidance of Management and CDC of institution. He ensures right logistical and academic atmosphere to assist learners to become globally competitive and employable.

The CDC and IQAC administer academic planning, feedback, result analysis, research, infrastructural requirements, maintenance and placements, etc. Feedback and ideas are invited from alumni through Institute Alumni Council (IAC) and other stakeholders for innovation and improvement in various activities.

Senior Faculty acts as conveners of Statutory & Non-statutory committees assisting Principal in developing and implementing the

decisions. The Principal is provided with financial resources for modernize facilities, to implement new R&D projects, expand infrastructure, upgrade laboratories, library, classrooms, ICT and sports facilities according to the annual plan.

File Description	Documents
Paste link for additional information	[NIL](NIL)
Upload any additional information	**No File Uploaded**

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

Prof. Ram Meghe Institute of Technology & Research practices decentralization and participative management to achieve excellence. The key objective of the institute is to make its students "Employable". In order to foster & aid the placement process, Training and Up-skilling of students is necessary. The Training Cell of institute involves Dean (T and P), Training Officer and Coordinators from every department. The cell is responsible to cater the needs of students in terms of Skill development. The training to students is provided from first year itself in phases which include: Aptitude, Mock Interviews, Group Discussions, Communication Skills, Workshops and Technical Sessions etc. to sharpen the skill-sets of students. The cell invites Industry Personnel and renowned Alumni to conduct training programs for final year students. The students and faculty work in unison to make the students "Industry Ready." This up-skilling enables our students to set new standards in the corporate world through their estimable contributions. The participation of students and faculty in deciding the area of training, it's planning, and execution is worth praising. The training cell has contributed to placement in larger perspective.

File Description	Documents
Paste link for additional information	[NIL](NIL)
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

To develop state-of-the art manufacturing facility through Industry-Institute-Interaction by developing Robotics & Automation Laboratory

Following are the objectives of the Laboratory.

- To perform UG & PG projects, research based on advance manufacturing
- To develop Training Center for programming and advance manufacturing techniques
- To conduct certificate courses based on advance manufacturing.

In view of creating the proposed facility following efforts were made by the institute:

- Communication with eminent alumni from various organizations/industries
- Submitting proposals to authorities like AICTE for grant-in-aid
- Pursuing with the management of the institute for the budgetary provision

As a result of healthy rapport with the alumni, Institute succeeded in getting Welding Robot & Programming Software from the industry Yaskawa India Pvt. Ltd. under Corporate Social Responsibility (CSR) Scheme.

Facility

Source of Finance

Approximate Cost in Lakh

YASKAWA Robot 'Moto man

AR1440 Slim, Thru- Arm Arc Welding Robot & Programming Software

Yaskawa India Pvt. Ltd

Rs. 15.00

Activities conducted in the Robotics and Automation Laboratory:

- **One week training on robot programming and operation was provided by Sr. Engineer Santosh Kumar from Yaskawa India Pvt. Ltd to 10 faculty members from Mechanical Engineering Department.**
- **UG project based on Repeatability Testing/ Precision**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	[NIL](NIL)
Upload any additional information	**No File Uploaded**

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.

There is a well-defined governance mechanism that ensures implementation, monitoring and evaluation of policies and plans for smooth operation of Institute and attainment of expectations. The academia and administrative bodies are quite proactive and vibrant in devising practices for teaching-learning and evaluation. Various committees are formed like College Development Committee (CDC), Finance Committee, College Council, Central Coordination Committee, Purchase Committee, etc. to inculcate transparency in decision making and effective governance of Institute. The functionalities of these committees are well defined and committees are headed by key persons with active participation of stakeholders. The Institution has published rules, procedures and policies. Staff Council is a platform for faculty to address their various issues. Top management regularly interacts with the institute administration through CDC and IQAC and sets the goals about quality policy. The Principal sets up rules & regulations for decentralized and participatory administration, effective governance and transparency in administration of the institution. Faculty plays a key role in implementation of quality policy and plans for future development. The Institute has formed Grievance Redressal, Anti ragging and Women's grievance committees in support of staff, students and women for addressing the concerned issues.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the Institution webpage	http://mitra.ac.in/site/about#administrative-structure
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	**B. Any 3 of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	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

Institute has Health Insurance Plan for all teaching and non-teaching employees. Under this scheme Medical claim up to Rs. 2,00,000 per year is settled. Every year insurance provider company is selected on the basis of past claim settlement record and overall satisfaction of the employees. Under current health Insurance Scheme four members of the family are covered and medical claims for all diseases as per IRDA rule is reimbursed.

Employee Provident Fund to all employees is given as per Government rule. Moreover Institute offers scholarship to wards of non-teaching staff studying in the institute. Under this scheme every year wards of non-teaching staffs are completing their engineering from Institute.

Institute has well equipped Medical Dispensary unit for employees

and students. Under this facility, full time doctor is appointed at Institute campus so as to provide primary medical services immediately. Further there is a provision of Ambulance at Institute campus to hospitalize patient to nearby hospitals.

File Description	Documents
Paste link for additional information	NIL
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

0

File Description	Documents
Upload any additional information	No File Uploaded
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

7

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	[View File](#)
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

145

File Description	Documents
IQAC report summary	**No File Uploaded**
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
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

Appraisal for Teaching staff: At the end of academic year, teaching staff is required to submit PBAS by e-mail to respective Head of the Department (HOD). The PBAS consists of Part A, B, C and D.

Part A: This part comprises of general information such as personal details along with results of the subjects taught.

Part B: This part includes data on teaching/learning and evaluation related activities, co-curricular, extension, professional development related activities, research, publications and academic contributions.

.Part C: It covers details of any other credentials, significant contributions and awards if any, not mentioned in Part A and Part B.

Part D: This is a confidential evaluation sheet filled up by respective HOD based on the data furnished by teaching staff in part A, B and C. After assessment and remarks, HOD forwards hard copy of Part D to the Principal for further consideration.

Non-Teaching Staff: Performance appraisal in the form of yearly confidential report is carried out by the HOD on the basis of his/her physical fitness, technical abilities, character, relation with higher authorities/ colleagues, punctuality and awards gained, if any. The confidential report is then forwarded to Principal for further consideration.

File Description	Documents
Paste link for additional information	NIL
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

Institute's internal and external financial audits are conducted regularly through a well set process.

Internal Audit: The institute carries out the internal audit on daily basis. The fees and other amount collected through cash, cheques, DD are deposited in the college accounts. The details of these and online transactions are verified by the Finance Officer who scrutinizes and verifies the financial data. All the records are maintained in Tally, an accounting software program

An established procedure for purchases is adopted by the purchase committee with the support of Store Officer. Income/Expenditure is closely monitored by the Finance officer, Principal and the Treasurer at the Society's office.

External Audit: The external audit takes place annually after the completion of every financial year. The external auditing involves performing procedures to obtain evidence about the amounts and disclosures in the financial statements. The bills and vouchers of the income - expenditure and other files / registers are checked. Chartered Accountant, who works as an auditor is appointed by the VYWS Management. The VYWS Management ensures the funds are utilized both effectively and efficiently. The audit objections/compliance, if any, is handled by the Accounts Section of the administrative office,

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	No File Uploaded

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 institution has a clear policy and procedure to monitor the effective use of funds received from various sources like fees, scholarships, consultancies, etc. Every year the institute budget allocation is done on the basis of revenue generated requirements

from the departments and sanction of same by the authority. Programme-wise annual budgets for equipment; instruments, consumables, etc. are prepared by HODs and forwarded to the Principal for his consent. Principal reviews the budget of all departments and asks administrative office to prepare a consolidated budget of the Institute and presented in College Development Committee (CDC) meeting for approval. CDC reviews the proposed budget and allocates fund as per necessity and priority of proposed expenses. Funds are released provided there is no incongruity in the proposed budget and availability of the fund. Funds are utilized for the development of laboratories, procurement of books, national / international journals, salary of faculty and staff, development and maintenance activities, etc. The funds are also allocated for activities like attending seminars / workshops / conferences / technical competitions, etc. depending upon the importance and relevance of the necessity. The institute also mobilizes funds through consultancy activities.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	View File

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

1. WEBEX:- Integration with Moodle and Deployment

During COVID-19 pandemic the major problem was related to conduction of online classes. IQAC undertook integration of Webex platform with Moodle LMS. The task was to carry out the work for all the institutes and schools of our parent society. IQAC formed a team of few faculties including the IQAC Coordinator for in-house integration of Webex platform. This allowed for online conduction of classes for approx. 3700 students of our institute. Recorded lectures were made available on Moodle platform for those who miss the classes or lack in ICT facilities.

2. Virtual Laboratory

As physical conduction of classes was not possible during COVID-19 pandemic students were able to attend lectures through online Webex platform. However practical training was a problem

area. The IQAC with help from few faculty members decided to provide virtual Lab facilities. A separate web space was developed for providing virtual labs to all programs. Virtual labs related to various disciplines and programs were integrated and a Virtual Private Server to provide Virtual Laboratory facilities was developed. Faculty were trained to use virtual lab facility which in turn helped the departments in conducting practical classes for all students with ease.

File Description	Documents
Paste link for additional information	[NIL](NIL)
Upload any additional information	**No File Uploaded**

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

Teaching Learning Process, structure and methodologies are regularly reviewed in the DAAC and IAAC meetings and appropriate actions are taken time to time. Following are the two important cases of institutional reviews and reforms

1. Introduction of Online Classes:

Due to restrictions imposed by COVID 19 pandemic, online classes were introduced at institution level to impart education in online mode. For this institution level Moodle LMS was integrated with CISCO Webex platform. The online classes were very successful in terms of attendance of students. Every effort was taken to make education interesting through use of power point presentation, animations, audio visuals etc in additions to pen and talk.

2. Introduction of Virtual labs

The Integrated Virtual Lab platform was developed to cater for students studying in various UG and PG programs to conduct online practical sessions and also to evaluate the performance of students through online quiz, viva-voce, etc. All the practicals were explained to the students by the respective faculty. Detail attendance record of each student was captured after completion of practical session. Students were able to ask their queries to the subject teacher through chat/ message box/ using raising hand

facility

File Description	Documents
Paste link for additional information	NIL
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)	**B. Any 3 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	NIL
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

Institute Level Women's Internal Complaints Committee is in place which comprises of faculty members, non-teaching staff, lawyer, male as well as female UG and PG students. The committee is responsible for all activities related to gender sensitization and gender equity. If any lady faculty and/ or girl student has a smallest possible complaint about anybody/anything, she is free to contact this committee anytime. This cell conducts the annual Women's Day program on regular basis. It also conducts program

for faculty and students in collaboration with different organization related to Women's Right, gender sensitization and equity etc.

Sufficient number of separate washrooms and toilet for boys and girls had been provided in each department and at number of other places. Separate common room for girl's students had been specially provided in each department. Lady faculty members are provided separate seating arrangement in departments. This allows the girls students to contact them without hesitation at any time. Each department has an instruction board which clearly advises to avoid eve teasing in any case.

Due to COVID-19 pandemic no programs could be conducted for academic year 2020-21.

File Description	Documents
Annual gender sensitization action plan	Nil
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	http://mitra.ac.in/uploads/main-media-pdf/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	B. Any 3 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

1. Solid Waste Management: - Biodegradable waste includes food waste, canteen waste and waste from toilets etc. while Non-

Biodegradable waste includes plastic, tin, glass, bottle etc. All solid waste materials are collected room wise, building wise in the campus and from entire open ground. Further it is dumped in to the open pit provided in the campus. The vehicles of Amravati Municipal Corporation carry this waste for further treatment and disposal.

2. Liquid Waste Management: - Liquid waste from each building is drained into adjoining chambers. All the chambers are interconnected through pipes. The drained waste is accumulated in huge tank on the campus. This liquid waste is treated at the Waste Water treatment unit. This water is further used for gardening in the campus. For academic interest, many final year students undertake projects based on waste water treatment.

3. E-Waste Management: - The Institute has an efficient mechanism to dispose of E-waste generated from various sources. The E-waste includes out of order equipment or obsolete items like circuits, computers and accessories, printers, Scientific Instruments etc. All such equipment which cannot be reused or recycled is being stored in a place for subsequent disposal.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	http://mitra.ac.in/uploads/main-media-pdf/7_1_3.pdf
Any other relevant information	No File Uploaded

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   B. Any 3 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 with trees and plants**	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	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	D. Any 1 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
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-	C. Any 2 of the above

reading software, mechanized equipment
5. Provision for enquiry and information :
Human assistance, reader, scribe, soft copies
of reading material, screen   reading

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	**No File Uploaded**
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).

Institutions provide an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities are organized In the institute for promoting the harmony and tolerance towards each other. The institute celebrates commemorative days like YOGA Day, International Women Day, Engineers Day, Teachers Days, etc for promoting harmony towards culture. NSS also organizes various programs to disseminate communal and socioeconomic messages.

Apart from this institute organizes Annual cultural festival named "AASHAYEIN" and technical festival "ESPERENZA" for promoting cultural, regional, communal and linguistic harmony and tolerance. Student activities conducted by various student chapters also helps in promoting harmony with respect to regional, socioeconomic and other diversities.

All these activities help the institute in establishing positive vibes amongst student of different racial and cultural background. The institute also has student grievance redressal cell, Womens grievance redressal cell to take care of any grievances irrespective of caste, race, community or cultural background.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
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

Institute Sensitizes its students and employees towards the Constitutional obligations through awareness program such as Constitution Day, Voter awareness, Swatch Bharat Abhiyan, etc, Orientation program based on Constitution of India forms part of curriculum for the student's which interns helps in nurturing the spirit of constitution and obligation towards the nation amongst the students.

Apart from these courses like Cyber Security, IPR, Ethical values, etc are part of curriculum which allows the students to understand their obligation and rights. Subject such as Cyber Security teaches the students various aspects related to Cyber crime, cyber space, Indian IT Act, etc. WICC Cell of the institute enlightens the lady faculty and girl students about their constitutional rights through appropriate programs and activities. The institution encourages participation of students in Sports and Games, and NSS at National level to strengthen human bond and relations irrespective of caste, creed, community, religion, region, etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	[View File](#)
Any other relevant information	**No File Uploaded**

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 on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes	**C. Any 2 of the above**

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	**No File Uploaded**
Any other relevant information	**No File Uploaded**

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

Institute celebrates major national festivals with great enthusiasm to inculcate a sense of patriotism in the students as well as staff. Every year students and staff come together to pay the respect towards national flag and also conduct a tree plantation program on occasion of Independence Day. Sweets are distributed on this occasion. On Independence Day and Republic Day some of the students along with faculty members visit old age homes, Orphanages, etc and celebrate this occasion with them. They also distribute sweets, used cloths and other essentials to them.

The institute celebrates International Yoga Day during which a Yoga trainer is invited to conduct yoga for all. The institute also celebrates commemorative days such as Engineers day, Teachers day, International Women's day, International Telecommunication day etc. The Engineers day is celebrated in collaboration with student chapters and Institution of Engineers (India). Teachers day is celebrated by student with enthusiasm wherein the student adopt the role of teachers for the day. Also a program is conducted by the students to felicitate the teachers. On the occasion of International Women's day speakers are invited, where they delve on topics such as Gender Equity, Women's Rights, Education to Girl Child etc.

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

7.2 - Best Practices

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

1.E-learning cell of IQAC developed the MOODLE based LMS platform for content dissemination to students, maintaining attendance, conduction of online quizzes, online assignments and its grading etc. A team of five faculties was given the task for development of this platform. The most challenging task was to integrate the Webex platform (along with all its features) with Moodle LMS platform and that too in-house.As the institute had available talent to take care of this, it was decided to form a team of three faculties for the purpose of integration of Webex platform with the LMS platform. After integration of the Webex platform, a trial run was conducted.

2.E-learning cell of IQAC developed the integrated platform for provisioningof different virtual laboratories to cater the requirements of various UG and PG courses. A team of five faculties was formed to accomplish the task.This platform was deployed on separate web space and was further integrated with the Moodle LMS platform. The most challenging task was that of in-house integration of various virtual labs on a common platform and its further integration with the Moodle LMS platform. After integration of the Virtual lab platform, a trial run was conducted.

File Description	Documents
Best practices in the Institutional web site	[View File](#)
Any other relevant information	**No File Uploaded**

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

Prof. Ram Meghe Institute of Technology Research, Badnera has an enviable record in placement of rural students since its inception. The institute has been influential in updating the skill sets of the students to make them "Industry Ready". Top Multi-National companies visit the institute every year for recruitment because of highly employable quality of graduates. The institute focuses on improving the industrial acceptability of students by seeking meaningful interaction between Industry and Institute. The institution has extensively practiced outcome based training methodologies by tying up with renowned training agencies and Institutions such as NASSCOM, CISCO, Cognizant's Digital Nurture Program and AWS to increase knowledge and skills of the students. Placement process is constantly tuned based on Industry need and feedback encompassing every dimension like- Understanding the dynamically changing needs of the corporate through formal structured interactions with Alumni and Industry Personnel

- Profiling of the students to identify their aspirations, strengths, weaknesses and potentials

- Involvement of Students in the Process such that both their Expectations and Responsibilities are enriched

- Students exposure to corporate expectations by enabling direct contact in every stage.

This resulted in the placement of 569 students in esteemed and top notched Industries in academic year 2020-21.

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

- To apply for autonomy
- To Develop, Setup & Upgrade laboratories as per the revised syllabus & recent industry trends.
- To inculcate project culture among students
- To encourage faculty to do PhD

- To have MoUs with industry to facilitate students internship.
- To develop Electric Vehicle
- To develop Solar Energy System for a class room
- Introduction ofBusiness Statistical tools and Business Data Analysis in MBA
- introduce work from home concept for Internship Program in MBA
- introduce Learn Earn and Develop Program (LEAD) exclusively for final year students in MBA
- introduce Capacity Assessment through tests like Psychometric Test in MBA
- Modernization of laboratories through the schemes under AICTE,DST,UGC and self finance
- Increase the interaction with industry by organizing expert talk for students and faculties
- Development ofpre-incubation centre in association with SGBAU Amravati University (Director,Innovation, Incubation and Linkages)
- Organize Industrial Visit/ tour for the students
- Improvize on Research culture in Institution
- Conduct STTPS/ FDPS/ Conference
- Increase the Publications in Scopus indexed, SCI, UGC approved journals
- Increase particiapation of faculty in STTP/FDP, Training Programs, Workshops etc.
- Improve the number of student Internship
- Conduct STTP, workshops, Guest Lectures, Training sessions for students
- Increase extension activities and participation in them
- Developing Linkages and MoU with Industries/ Institutes of National repute,for internships, projects, research etc.
- Development of laboratiores under CSR schemes