



# **SELF STUDY REPORT**

**FOR**

**2<sup>nd</sup> CYCLE OF ACCREDITATION**

## **PROF. RAM MEGHE COLLEGE OF ENGINEERING AND MANAGEMENT**

PROF RAM MEGHE COLLEGE OF ENGINEERING AND MANAGEMENT,  
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Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

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# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

Prof Ram Meghe College of Engineering & Management (PRMCEAM), Badnera-Amravati was established in the year 2009 by Vidarbha Youth Welfare Society, Amravati.

Vidarbha Youth Welfare Society was established and registered under the Societies Registration Act, 1860 and the public Trust Acts, 1950 in July 1965, with a dedicated view and motto to impart education to all categories while preserving the principles of honesty, tolerance and mutual respect.

PRMCEAM is the second engineering institution of the Trust. PRMCEAM is approved by All India Council for Technical Education (AICTE), New Delhi, and permanently affiliated to Sant Gadge Baba Amravati University (SGBAU) and recognised by UGC under Section 2(f) and 12(B).

The institution is located 13 kms away from Amravati city. The campus is spread over 9.57 acres of land, well connected with road and railways. The lush green campus offers a conducive academic environment for budding learners.

In the span of last thirteen years the institute has grown from initial intake of 240 students to 480 for Undergraduate courses along with the addition of four Postgraduate courses with total intake of 120. The AICTE has approved starting of two new Undergraduate Courses in Information Technology and data Science. The current student strength is 2001.

### **Courses Offered:**

B.E:

- Civil Engineering
- Computer Science and Engineering
  
- Electronics and Telecommunication Engineering
  
- Electrical Engineering
- Information Technology
- Computer Science and Engineering (Data Science)

M.E:

- Construction Engineering & Management
- Computer Science and Engineering
- Digital Electronics
- Electrical Engineering (Electronics & Power)

The academics of the institute is supported by duly qualified and experienced faculty with an average faculty: Student ratio of 1:20 maintained as per AICTE norms.

#### Key Features:

- Cellular administrative structure supporting participative management.
- Host Institute for Business Incubation by MSME-GOI under Innovation & Entrepreneurship Centre (IEDC)
- National Rank in “A” Band by the MHRD, MIC, and AICTE (2020)
- Recognized as “PERFOMER” by ARIIA (Atal Ranking of Institutions on Innovation Achievement) 2021.
- Recipient of 3rd Best Huawei ICT Academy-2021 award.
- Winner of Smart India Hackathon-2022 (Software Edition).
- University recognised Research Centers in Six subjects.

#### Vision

**To become a centre of excellence in engineering education, by providing the standard academics that connects knowledge, practice, and research.**

The vision statement is publicised through college website, display boards at strategic locations in the campus, Prospectus, Student Handbook, Conference brochures and publicity materials.

#### Mission

**To foster engineering graduates by providing a continuously improving academic environment that promotes the advancement of engineering knowledge, both in creation and dissemination.**

#### Objectives/Quality Policy to achieve vision and mission statement:

“To be the center of excellence in providing quality education, training and research in the domain of Engineering and Technology”.

- To strive for overall development of students by providing standard curricular, co-curricular and extra-curricular facilities.
- To develop institute as an excellent learning centre in engineering education.
- To enhance the industry institute interaction and the placement services.
- To provide excellent infrastructure facilities for teaching, learning and research.
- To instil in the students the spirit for research, innovation and entrepreneurship.
- To foster students as responsible techno-citizens with moral, ethical and social values.

## 1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

### Institutional Strength

- Professionally and democratically managed charitable trust with five decades of service in educational sector.
- Participative management through cellular structure.
- Permanently affiliated to SGBAU having UGC 2(f) & 12(B) recognition.
- Mentorship Practice Adapted for the Students.
- Reward System for best performers in academics, sports and extracurricular activities.
- Conducive research culture for pursuing research leading up to Ph.D. and patenting.
- Active Student participation in various co-curricular and extra-curricular activities.
- Proactive NSS unit catering to Educational Social Responsibility (ESR).

### Institutional Weakness

- Majority of the students hail from rural areas needing to groom on professional and communication skill sets.
- Locational disadvantage as away from industrial hub.
- Socio Economic factor.
- Lack of Industry support for internship.

### Institutional Opportunity

- Industry institute interaction can be enhanced by collaboration/MOUs with Government organizations and agencies of repute.
- Establishing Centre of Excellence in association with Research Organizations.
- Collaborative Projects with Industries and other Institutions for better exposure to the state-of-art technologies.
- Networking with other Institutions for sharing of advanced technologies.
- Focusing on government Funded R & D Projects.
- Academic freedom through Autonomy.
- Consultancy and extension activities.
- Revenue generation through workshops, conferences, certificate program, add-on courses etc.
- Grants and funds for pursuing research projects.
- Engineering courses in Regional Languages.

### Institutional Challenge

- Rapid changes in technology and the industrial requirements.
- Enhancing the employability of the students.
- Higher Benchmarks set by industries and market.
- Promoting entrepreneurship.
- Inculcating research culture among students.
- Involvement of Alumni in academic and placement activities.

- Fetching grants for research and Incubation.

## 1.3 CRITERIA WISE SUMMARY

### Curricular Aspects

The Institute implements the curriculum designed and developed by Sant Gadge Baba Amravati University, where faculty contribute at Board Of Studies and Academic Council. Academic activities are planned and executed as per the university prescribed academic.

Detailed planning for the course delivery is done by the faculty members by identifying effective pedagogy along with conventional tools. Faculty also use ICT enabled tools and various e-learning resources. To serve students with different back grounds and abilities, the learning levels of the students are assessed and special efforts taken for slow learners. Slow learners are assisted by providing extra classes, learning process sessions and academic counselling through group advisor. Different teaching methods and aids are used to engage the students in learner-centric education. IQAC regularly monitors effective delivery of the curriculum and corrective measures are initiated to minimize the deviations. The academic audits conducted in the mid semester and end semester serves the purpose of quality enhancement.

Various value added courses, competitive examination coaching, entrepreneurship development programs, soft skill development programs are frequently conducted to ensure holistic development of the students and enhance their employability skills.

Being affiliated to Sant Gadge Baba Amravati University, the institute is bound by the academic scheme and syllabus. Subjects related to professional ethics, gender equity, human values, environment and sustainability are incorporated into the schemes of various courses. Moreover, AICTE has mandated induction programmes for first-year students, as a part of which a step toward inculcating Universal Human Values (UHV) is taken.

The institute encourages and practices experiential learning, participative learning and problem solving methodologies through industrial visits, internships, surveys, field work, project work, participation in various national level competitions like Hackathon, Avishkar ,Tech-Fest etc.

Institution has implemented feedback system for enhancement of teaching-learning process and support facilities. The feedback is collected from various stakeholders such as students, faculty, alumni, industry and parents. The evaluation process is done by individual department and action taken report submitted to Principal . At university level ,the suggestions regarding curriculum are communicated to board of studies for consideration at the time of syllabus revision.

### Teaching-learning and Evaluation

The sanctioned intake for various UG and PG courses is the guiding factor for admitting the students with reservation policy as per the government norms. Further, the research center capacity as sanctioned by the affiliating University serves as the sanctioned intake for the Ph.D. programmes in various subjects. The average admissions for the last 5 years is 74%. To ensure holistic development of students, the institute follows blended mode of learning for effective dissemination of knowledge. The institute has well qualified, experienced and competent faculty with a student to teacher ratio of 20 to 1 , with 25% of the faculty having P.hd. The teachers

use different ICT tools, various e-learning resources apart from the conventional teaching methods. The institute encourages the students for online courses through MOOCS, SWAYAM and NPTEL, as evident from the figures during the year 21-22 with 450 students certified online. The institute has adapted experiential learning, participative learning and problem solving methodologies through industrial visits, internships, surveys, field work, project work, participation in various national level competitions like Hackathon. The learning levels of the students are assessed and special efforts are taken for slow learners and advanced learners. The institute has a mechanism to identify the levels of attainment of Program Outcomes and Course Outcomes. The internal assessment process is carried out transparently and efficiently. Examination related grievances are addressed as per the process laid down by the Institute and University in a time bound, efficient and transparent manner. To keep abreast with the knowledge the faculty attends various FDP / STTP courses / International and National conferences. The faculty members are encouraged to publish research papers. The average percentage of the students graduating in minimum prescribed period during last five years is 91.41%.

### **Research, Innovations and Extension**

Prof Ram Meghe College of Engineering & Management (PRMCEAM) has been designated as Host Institute (HI) for implementation of the Incubation component under MSME Innovative Scheme (MSME Champion scheme). Total 12 start ups/ companies have been incubated in the institute. In addition, self-sustained Innovation and Entrepreneurship Development Center (IEDC) organizes basic awareness programmes on IPR to foster entrepreneurial spirit among the students.

25% of the faculty members hold Ph.D. Moreover, the faculty members are encouraged to pursue Ph.D. programmes. The institution has six research centers for Ph.D Programme recognized by Sant Gadge Baba Amravati University, Amravati under subjects; Computer Science and Engineering, Information Technology, Electrical Engineering, Electronics and Telecommunication, Chemistry and Physics under mentorship of fourteen research supervisors for various subjects. As an outcome of active participation in research, papers have been published in various reputed international journals. The Institute has published more than 400 research papers in the national/ international Journals and more than 22 books/ books chapter during the last five years.

The library provides books, journals, magazines and other publications. The e-resources comprises of N-List, Delnet, NDL, NPTEL, Swayam Prabha and Open Access Resources.

The participation in various students competitions inculcates the research and innovation temperament within the students. Noteworthy, The students of PRMCEAM have excelled in the Avishkar state level completion and winner of AICTE recognized Smart India Hackathon 2022(Software Edition). Students also participate in rural developmental, social and environmental related activities through participation in National Service Scheme, Unnat Bharat Abhiyan and Unnat Maharashtra Abhiyan making them understand the ground realities, professional ethics and responsibility towards society.

The Institute has 37 Functional MoUs with 55 activities under these collaborations. The Institute organizes workshops/seminars on Research Methodology, Intellectual Property Rights in particular patents and copyrights. 37 Patents have been filed and published by the students and faculties.

### **Infrastructure and Learning Resources**

The institute has ICT enabled classrooms, laboratories for effective dissemination of curriculum. Under cocurricular and extracurricular activities sports facilities are in place. The college campus sprawls over 9.57 acres of land with total built up area of 14280.47 Sqm. The Institute has 24 classrooms, two seminar halls and one conference room equipped with various ICT facilities conforming to AICTE norms. Adequate budgetary provisions are made to maintain, renovate and augment the existing infrastructure. Administrative infrastructure like Principals cabin, Principal Office, and the HOD and faculty cabins etc. along with amenities infrastructure like store, canteen, boys and girls common room, medical room, girl's hostel, transportation facility, ambulance facility and security services are in place as per AICTE norms.

The college has high-speed campus-wide network connecting all departments. Full access is provided to all staff to access online resources and information through Broadband with total 100 Mbps of Internet bandwidth. CCTVs installed at strategic locations help to monitor the campus activities. The Institution has power back-up system to ensure uninterrupted power supply and maintenance of electrical assets. The Institution has power house installed with Diesel Generators and solar power 5 KW capacity contributing in energy saving in day time. The institution has a central library with a separate reading room. Library as a knowledge resource center has an excellent collection of books with 4394 number of titles, 39054 number of volumes, 600 SWDF titles, 2278 SWDF volumes, 54 total number of journals, 13 different number of magazines. The library has a NPTEL chapter under the aegis of which video lectures from NPTEL are stalked. Further, the library has learning material in the form of 650 CD's, 650 NPTEL DVD's, 759 Book Bank CD's and 233 magazine CD's.

### **Student Support and Progression**

- A strong student support system in the form of state/ central government scholarship and NGO scholarship is in place providing financial assistance to the reserved category candidates and those belonging to economically weaker section. During five years, 84.37 % students from different categories and sections have availed the benefits of scholarships. Further, NGOs like Lila Poonawalla Foundation, Vidarbha Youth Welfare Society benefited 185 students in the form of scholarship and fee waiver schemes.
- The institution has an alumni association, which is registered with the charity commissioner, Amravati. Alumni are invited by the departments for career guidance, regular interactions and technical talks with students.
- Student participation at Inter University Tournament and Inter College Tournament contests is encouraged by the institute. Students have bagged 78 (medals, color coat, trophies, and certificates) in the Inter University Tournaments and Inter-Collegiate Tournaments, at Youth Festival conducted by SGBAU. All the achievers are felicitated at "EnggJoy" College's Annual Gathering for their academic excellence and achievements at sports and cultural events.
- Leadership is promoted through participation in various Clubs, Associations, Student Chapters, Cells and the Student council. Active representation and participation of student is ensured in the committees like IQAC, CDC, and college committees.
- To create awareness about physical and mental well being among students, various health check-up programmes, blood donation programmes, guest lectures (health issues/Stress management) by Doctors and professional counsellors are arranged.
- The Institute has a mechanism for resolving student grievances through various committees like Anti ragging committee, Grievance redressal committee, as prescribed by regulating authorities.
- The Training and Placement Cell of the institute conducts assessment required for placement. It also

conducts several training programs for capacity building and improving skills like aptitude training, technical training, soft skills training etc and provides assistance for internships as well.

### **Governance, Leadership and Management**

The Vision and Mission statement of the institute are framed considering needs of rural panorama, socioeconomic condition and need for adequate technical skills. All decisions of the institution are governed by management of facts, information and objectives. Principal provides effective leadership and administration for planning and implementation of academic, curricular and extracurricular activities. The institution practices decentralization and participative management which is evident from the cellular organizational structure which grooms leadership at various levels. The institution adheres to AICTE norms and State Govt. policies through the affiliating University on recruitment (access, equity, gender sensitivity and physically disabled) with an effective welfare mechanism for teaching and supporting staff. Financial support and academic leaves are provided to teachers and supporting staff for attending workshops/conferences/seminars. In the significant areas of operations, like Administration, Finance and Accounts, Student Admission and Examination, e-governance has been systematically introduced. Due to the challenging circumstances created by Covid-induced lockdown, the institution strategically shifted all the Teaching Learning Classroom programmes to online mode thereby supporting blended mode of teaching. The institution has adequate budgetary provisions for academic and administrative activities. The internal and external audits are regularly conducted. Internal Quality Assurance Cell (IQAC) has significant contribution to institutionalizing quality assurance strategies and processes.

To summarize, the institute financed 16.64% of faculty during the span of last 5 years for attending various conferences/ FDPs/ STTPs/workshops etc. Further, the institute encouraged participation of 39.79% teaching and supporting staff during last 5 years

### **Institutional Values and Best Practices**

To promote gender equity, the institute provides equal opportunity to male/female staff and students in administrative/teaching/co-curricular/extracurricular/sports activities. The institute meets the requirements of specific facilities, safety and security of women employees and girl students. The Internal Complaint Committee and Women's Development & Grievance Cell are established for creating a congenial and safe working environment. Institute organizes and celebrates various national and international commemorative days, events and festivals like Independence Day, Republic Day, Women's Day and Youth festivals etc.

The institute has facilities for alternate sources of energy and energy conservation in the form of solar energy (5KW capacity), wheeling to the grid, sensor-based energy conservation, use of LED bulbs. Solid waste management, Liquid waste management and E-waste management are evident, effective and efficient on the campus. Available water conservation facilities are rainwater harvesting, bore-well, construction of tanks and maintenance of water bodies. The sprawling green campus has adopted environment-friendly policies concerning the restricted entry of automobiles, use of battery-powered vehicles, pedestrian-friendly pathways, ban on use of plastic, and landscaping with trees & plants.



Environmental and energy audits are regularly undertaken by the institute. Institute is conferred with "Rashtriya Swachha Bharat Puskar 2017" by Ministry of Housing & Urban Affairs New Delhi and "Swastha Bharat Swachha Bharat Award 2019" by Sant Gadge Baba Amravati Univeristy.

The institute has taken efforts in providing an inclusive environment to enhance harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities. Institute has also taken initiatives to sensitize and inculcate values, rights, duties and responsibilities of citizens through activities mainly organized by the National Service Scheme unit.

The two best practices of the institute namely "Book Bank Facility" and "Cellular Structure" are in place. Book bank facility fulfils the academic requirements of the students free of cost. Cellular structure helps in inculcating leadership qualities, participative management and good working culture.

The distinctive performance of the institution is best portrayed through its centre of excellence, which comprises of Innovation and Entrepreneurship Development Centre, Business Incubation Centre, Hobby Clubs and Research & Internship under Government Departments.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	PROF. RAM MEGHE COLLEGE OF ENGINEERING AND MANAGEMENT
Address	Prof Ram Meghe College of Engineering and Management, Badnera New Express Highway, Prof Ram Meghe Square, Badnera
City	Amravati
State	Maharashtra
Pin	444701
Website	<a href="https://prmceam.ac.in">https://prmceam.ac.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Mir Sadique Ali	0721-2580373	9370155150	0721-2580373	principal@prmceam.ac.in
IQAC / CIQA coordinator	Kiran Arunrao Dongre	-	9923197703	-	iqac@prmceam.ac.in

Status of the Institution	
Institution Status	Private and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

**Establishment Details**

State	University name	Document
Maharashtra	Sant Gadge Baba Amravati University	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	13-05-2019	<a href="#">View Document</a>
12B of UGC	13-05-2019	<a href="#">View Document</a>

**Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)**

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	<a href="#">View Document</a>	03-07-2022	12	Extension of Approval EOA

**Recognitions**

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

**Location and Area of Campus**

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Prof Ram Meghe College of Engineering and Management, Badnera New Express Highway, Prof Ram Meghe Square, Badnera	Urban	9.57	14280.47

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BE,Computer Science And Engineering	48	HSC	English	120	120
UG	BE,Civil Engineering	48	HSC	English	60	59
UG	BE,Electrical Engineering	48	HSC	English	60	60
UG	BE,Electronics And Telecommunication Engineering	48	HSC	English	60	60
UG	BE,Information Technology	48	HSC	English	120	120
UG	BE,Computer Science And Engineering Data Science	48	HSC	English	60	60
PG	ME,Computer Science And Engineering	24	Engineering Graduate	English	30	3
PG	ME,Civil Engineering	24	Engineering Graduate	English	30	8
PG	ME,Electrical Engineering	24	Engineering Graduate	English	30	4
PG	ME,Electronics And Telecommunication	24	Engineering Graduate	English	30	0

	Engineering					
Doctoral (Ph.D)	PhD or DPhil, Computer Science And Engineering	36	Engineering Post Graduate	English	12	12
Doctoral (Ph.D)	PhD or DPhil, Electrical Engineering	36	Engineering Post Graduate	English	12	9
Doctoral (Ph.D)	PhD or DPhil, Electronics And Telecommunication Engineering	36	Engineering Post Graduate	English	12	4
Doctoral (Ph.D)	PhD or DPhil, Information Technology	36	Engineering Post Graduate	English	10	0
Doctoral (Ph.D)	PhD or DPhil, First Year Engineering	36	Post Graduate	English	4	0
Doctoral (Ph.D)	PhD or DPhil, First Year Engineering	36	Post Graduate	English	2	2

**Position Details of Faculty & Staff in the College**

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	5				10				21			
Recruited	1	0	0	1	4	1	0	5	9	2	0	11
Yet to Recruit	4				5				10			
Sanctioned by the Management/Society or Other Authorized Bodies	0				1				74			
Recruited	0	0	0	0	1	0	0	1	58	16	0	74
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>						
	<b>Male</b>		<b>Female</b>		<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government						0
Recruited	0		0		0	0
Yet to Recruit						0
Sanctioned by the Management/Society or Other Authorized Bodies						37
Recruited	35		2		0	37
Yet to Recruit						0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				29
Recruited	26	3	0	29
Yet to Recruit				0

### Qualification Details of the Teaching Staff

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	4	1	0	12	3	0	21
M.Phil.	0	0	0	0	0	0	2	0	0	2
PG	0	0	0	1	0	0	53	15	0	69
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
		4	0	0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**



Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	337	0	0	0	337
	Female	292	0	0	0	292
	Others	0	0	0	0	0
PG	Male	11	0	0	0	11
	Female	4	0	0	0	4
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	18	0	0	0	18
	Female	9	0	0	0	9
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Category</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	65	52	59	92
	Female	45	27	53	56
	Others	0	0	0	0
ST	Male	6	3	5	0
	Female	3	3	3	7
	Others	0	0	0	1
OBC	Male	155	134	138	195
	Female	84	73	91	133
	Others	0	0	0	0
General	Male	51	38	62	92
	Female	25	25	33	43
	Others	0	0	0	0
Others	Male	46	35	38	57
	Female	21	23	25	38
	Others	0	0	0	0
<b>Total</b>		<b>501</b>	<b>413</b>	<b>507</b>	<b>714</b>

### **Institutional preparedness for NEP**

1. Multidisciplinary/interdisciplinary:	The Vision of National Education Policy, to provide high quality education to develop human resources in our nation as global citizens, is well taken by our Institute. A discussion among the faculty members has been initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. The Institute is affiliated to Sant Gadge Baba Amravati University, Amravati where in Academic programmes are redesigned to include Multidisciplinary /Interdisciplinary courses as electives and institute started offering these electives to students. In order to
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	<p>provide the holistic academic growth among students, Inter-disciplinary curriculum has been proposed which gives freedom to the student to choose their preferred options from the range of program offered by the institution. All the courses offered by institute are Choice Based Credit System (CBCS). Few of them also include value based and environment-based subjects like professional Ethics, Environmental studies, principles of Management, project management etc. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments and MOOC through SWAYAM. It can be said that the Institute is proactively working towards implementation of the suggestions given in the NEP Guidelines.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>Our institution's preparedness in implementation of Academic Bank of Credits conforms to the guidelines of the affiliated university i.e., SGBAU. SGBAU being state university is an official member of the National Academic Depository which is a government endeavour to offer an online repository for all academic awards under the Digital India Programme. From 2020 onwards, SGBAU is in the process of uploading students' mark sheets and degree certificates through the <a href="https://nad.digitallocker.gov.in">nad.digitallocker.gov.in</a> platform through its affiliated colleges. The National Academic Bank of Credits (ABC) portal has now been integrated into the NAD portal <a href="https://nad.digitallocker.gov.in">https://nad.digitallocker.gov.in</a> platform and is currently live from academic year 2021 onwards. SGBAU follows a choice-based credit system (CBCS) for all its programmes and is now in the process to pass a resolution related to the ABC in the Academic Council. SGBAU will formally register in the ABC portal as soon as the resolution is being approved by the higher academic bodies. For this purpose, Institute is in the process of creating centralised database of the college students. Through this database, where in the academic credits earned by the student from various courses will be digitally stored so that the credit earned by student previously could be forwarded when the student enters the program again. For monitoring ABC, proper technical support system will be created.</p>
<p>3. Skill development:</p>	<p>The institute has an established skill development cell which actively participates to strengthen technical,</p>

	<p>vocational and soft skills of the students. The institute has an established training cell which actively participates to strengthen the current trends required in industry through Campus Recruitment Training (CRT). The Institution is already conducting the skill courses as designed by affiliating university from Semester III to VI in various programs. Also, under the employability enhancement program for student in skill courses, the college has already been running courses such as soft skill development, Surya Mitra Training etc.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>In order to promote /integrate the local language, art and culture, it is the regular practice at institute that all NSS activities conducted in adopted villages are compulsory executed in local Marathi language. In Youth Festival organized at SGBAU University level our students are actively participating in various cultural events and received prizes and colour coats in many events at university level. Especially our college magazine is published wherein there are five sections for content in five languages namely English section, Marathi section, Hindi section, Urdu section and Sanskrit section. As most of our students are from rural areas of Vidarbha region they can share their thoughts in any language. This initiative of publishing college magazine with content from different language has got recognition at university level resulting in receiving best magazine award consequently from last seven years. The efforts have been also taken by institute to teach foreign language. Training program for faculty and students for learning Japanese Language is organized in the institute in 2018-19. As a part of curriculum as per Sant Gadge Baba Amravati University gazette 2021 Part one -205, direction No. 42/2021 Date 09/08/2021 mandatory provision of conducting Orientation Program of 15 hours duration /MOOC to the students a) in V Semester on Indian Constitution and (b) in VI Semester on Indian Traditional Knowledge is introduced by University and Institute has started implementing it from 2021 onwards.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The institution, being affiliated with SGBAU university follows the guidelines as and when directed where in variety of approaches in teaching Learning process like lectures, seminars, tutorials/workshop/practical and project-based learning field work, technology enabled learning</p>

	<p>internship and apprenticeship and research work is already suggested and Institute is implementing it wherever possible. All the programmes are offered as outcomes-based education (OBE) which are designed keeping in mind the regional and global requirements. Course outcome of every subject well defined in the curriculum itself by SGBAU. The Institute has implemented outcome-based education with clearly stated Programme Outcomes, Programme Specific Outcomes and course outcomes from 2019-20 onwards. All courses are designed with outcomes centred on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Apart from the domain-specific skills, learning outcomes at all levels ensure social responsiveness and ethics, as well as entrepreneurial skills so that student contribute proactively to economic, environmental and social well-being of the nation. The Course Objectives (COs) are also aligned to the PO-PSO philosophy.</p>
6. Distance education/online education:	<p>The institution is already prepared, especially during COVID-19 pandemic situations , teaching learning process through different online modes likewise app, Google Class rooms, WhatsApp etc. The whole college campus is Wi-Fi enabled with LCD Projectors installed in each classroom and hence no hindrance /obstacle in online education. Post-pandemic, the online teaching-learning experience has been adopted by the faculty and students to full advantage of flexible blended mode of teaching learning. From 2019 onwards departments are exclusively using Google Classroom for sharing learning contents with students for most of the subjects / courses. The faculty members also prepared themselves by getting trained for using various MOOCs and other online platform for online teaching learning through FDP, STTP and workshops during lockdown period. Recently the institution has started using ITLE module of College Information Management System to make available all such type of e-content material prepared by faculty members to all students through online mode to meet the future challenges. During Covid -19 pandemic various programs, meetings, seminars for students were also organized by institute via online platform conducting conferences and meetings. The institute being NPTEL Centre, students and faculties are encouraged</p>

to undergo MOOCS courses every year. Faculties are encouraged to offer MOOC courses at SGBAU which promotes the blended mode of learning of learning. These efforts can be considered as the new normal, which is envisaged in New Education Policy as well.

### Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes. Established in the year 2017
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes. 2017-18 Faculty Coordinator - Prof Sarang Dhawade Student Coordinator - Shantanu Ambadekar 2018-19 Faculty Coordinator - Prof Sarang Dhawade Student Coordinator - Mohd Azar Ali 2019-20 Faculty Coordinator - Prof Ashish Saywan Student Coordinator - Sandesh Dagade 2020-21 Faculty Coordinator - Prof Ashish Saywan Student Coordinator - Rupesh Shendre 2021-22 Faculty Coordinator - Prof Ashish Saywan Student Coordinator - Aamir Faraz Athar Iqbal 2022-23 Faculty Coordinator - Prof Ashish Saywan Student Coordinator - Aayush Bhagat
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	1. Voter Registration camp for the eligible students in the campus. 2. Voter awareness camp conducted at various tehsil places in Amravati district. 3. Voter awareness camp conducted for disabled persons & senior citizen at various villages. 4. Voter awareness guest lectures conducted for in-house students.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	1. Graduate Constituency voter awareness & registration drive conducted in Amravati District. 2. Teachers Constituency voter awareness & registration drive conducted in Akola, Yavatmal, Washim & Buldhana District.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to	Voter registration drive conducted at Institute for above 18 yrs of age students

institutionalize mechanisms to register eligible students as voters.	
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## Extended Profile

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### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2001	1832	1528	1742	1795

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 122

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
104	105	116	125	115

### 3 Institution

#### 3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
411.66	358.51	459.08	460.27	468.61





## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

##### Response:

Prof Ram Meghe College of Engineering & Management, Badnera follows the curriculum designed by Sant Gadge Baba Amravati University, Amravati.

Following process is adopted for enhancing delivery of the University curriculum at Institute level:

- According to SGBAU Guidelines, the institute prepares an academic calendar for each semester that includes various curricular and extracurricular activities of the institution and departments.
- The Subject is assigned to faculty members based on their experience and specialization by the Head of the department.
- Time Table In charges are assigned with responsibility of drafting timetable.
- A teaching plan/Course File is prepared by respective Faculty member which includes the Lesson Plan, Program Objectives, Course Objectives etc.
- ICT is used for effective teaching by the faculty members of various departments. Faculty members are encouraged for effective use of ICT teaching aids.
- Teaching and Learning methodologies include traditional (Chalk and talk) and technology-enabled methods. Faculty member prepares the Study material for both theory and laboratory courses and make it available on Content Management System/ ERP system for the students.
- Invited expert lectures (industrialists/academicians) are arranged to deliver the content beyond syllabus. Value-added courses have been introduced to bridge the gap between industry and academia. Tutorials are conducted to encourage participation in learning. Additional assignments are assigned to encourage students' problem-solving abilities.
- Students are encouraged to develop their research skills by publishing research articles and participating in projects floated by Business Incubation Centre, Institution's Council and Innovation and Entrepreneurship Development Centre (IEDC).
- In order to enhance technical knowledge and industrial exposure, study tours, field project and industrial visits, technical competitions (Hackathon) and Guest lectures by eminent faculty are conducted.
- To keep abreast with the emerging technology and trends, the faculties are encouraged to participate in FDPs/STTPs/Refresher courses/workshops/industry-oriented courses so that they can deliver the theoretical concepts aptly.
- As per the institute's policy, Book Bank facility is provided to all the students of the institute.
- Based on the performance of the students, the slow learners are encouraged to undergo Retest/Assignment/Quiz/viva/personal counseling.
- The laboratory schedule is created by the relevant faculty, and it includes batch-specific information.

## Continuous Internal Assessment

Continuous Internal Assessment includes Tests, Assignments, Quiz, Report Writing and Seminars throughout the semester.

- The internal assessment test is scheduled as per the academic calendar, usually three-unit tests are conducted.
- The internal examinations time table is displayed in the department, classroom notice board and social network group well in advance.
- Internal assessment test for Practical subjects' viva and term work is also conducted as scheduled in the Academic calendar at the end of the semester.
- Seminar and projects are assigned to students as per the University regulations. Evaluation of the students is based on his/her attendance, quiz, tests, viva, class activities, presentation, assignments, and overall participation in curricular and co-curricular activities also the same is communicated to students.
- Delivery of curriculum is ensured by conducting Academic Audit by Academic Dean, HODs and IQAC Coordinators.

Academic feedback is collected from the students after completion of the session for every semester

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

**Response:** 18

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

**Response:** 26.06

#### 1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
635	722	377	386	199

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

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

#### Response:

Subjects related to professional ethics, gender equity, human values, environment, and sustainability are incorporated into the schemes of various courses prescribed by SGBAU. As mandated by AICTE, induction programme for inculcating Universal Human Values (UHV) for 1st year students is conducted. The institute encourages faculty to undergo an AICTE-sponsored UHV Workshop to facilitate inculcating UHV.

The institute engages the students in several activities conducted through the National Service Scheme, Red Ribbon Club, Disaster Management Club, Women Development Cell, and Student Chapters/ Forums.

#### Professional Ethics:

The B.E. (CSE) course has a compulsory subject, "Professional Ethics," in 3rd year. While "Social Science & Engineering Economics (4IT05)" is prescribed for B.E. 2nd Year (IT) & for B.E. 3rd year (ETC) and "Engineering Economics" is offered in the 6th semester.

#### Values and ethics:

The 2nd year B.E. (EXTC) course has a mandatory subject, "Values and Ethics," in the prescribed syllabus. Also, some of the subjects, like Professional Ethics & Management (8IT02) and Cyber Laws & Ethics (6KS05), are offered for the Information Technology and Computer Science and Engineering courses.

As per the Choice Based Credit System adopted by SGBAU, a 15 Hrs Module on Indian Constitution, Indian Heritage and Culture and Human Values is in place. The above mentioned key issues are included in the subject "Social Sciences and Engineering Economics (7KS01)" for students of CSE in the 7th Semester. In addition, the Institute observes Hindi Bhasha Diwas and Indian Constitution Day in order to instil the value of responsible citizen of the country.

#### Environment and Sustainability:

The subject "Environmental Studies" is offered in the 2nd year B.E. course in all the branches which covers environmental issues related to human life.

A subject, "Renewable Energy Resources," is prescribed in the syllabus of Third-year B.E. (EE) and (Civil) course. "Hydrology and Water Resource Engineering" (4CE04) in 2nd year B.E.(Civil) course. While Energy Resources & Generation (3EE04), Electrical Energy Distribution and Utilization (7EE01), and Electrical Engineering Conservation & Auditing (8EE04) are offered to Electrical Engineering course, while Disaster Management (5CE05), Environmental Management (6CE05), Environmental Engineering (7CE04), and Watershed Engineering & Management (PE-IV-5CE04) are offered to Civil Engineering Course. Renewable Energy Sources (6ETC04-OE-II) is included as an open elective in the 6th semester EXTC Course.

NSS conducts activities such as Swachha Bharath Abhiyan, blood donation, health awareness camps, rainwater harvesting, awareness for plastic pollution and solid waste management, and water conservation.

#### **Gender equity:**

To promote gender equity among the students, equal representation of both genders at leadership positions in class and college-level committees and in curricular and co-curricular activities is ensured. The Institute makes consistent efforts to create a congenial environment free from gender discrimination through mutual respect.

#### **Human values:**

The college has an anti-ragging cell to ensure a ragging-free environment, an internal complaints committee, and a discipline committee headed by senior faculty to preserve human values. The institute offers all the facilities mandated by AICTE for physically challenged students. Moreover, subject "Values and Ethics" (4ETC05) is included in syllabus of 2nd Year B.E. (EXTC).

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### **1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)**

**Response:** 36.18

#### **1.3.2.1 Number of students undertaking project work/field work / internships**

**Response:** 724

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)**

**Response:** Yes

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 60.18

##### 2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
439	322	251	372	378

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
600	600	576	576	576

#### File Description

#### Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

#### 2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

**Response:** 94.14

##### 2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
351	253	209	314	302

##### 2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
300	300	306	306	306

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

### 2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

**Response:** 19.24

## 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 using ICT tools

**Response:**

PRMCEAM provides an effective platform for students to develop latest skills, knowledge, attitude, values to shape their behavior in the correct manner. All departments conduct innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problemsolving skills and ensure participative learning using various ICT Tools. The institute organizes annual technical fest, where the students showcase their learning in the form of innovative projects. The institute has Wi-Fi enabled campus, every classroom has the wi-fi connected Desktop, LCD projector facility which helps in e-learning process. The faculty shares E-books, ppts and class notes using the google classroom / whatsapp / emails etc. The Institute introduced ERP in phase wise manner to facilitate various student centric activities. The faculties use several ICT tools for effective teaching and learning process . The online lecture delivery is done through various tools like Google Class Room, Zoom, Cisco Webex etc.

Few ICT tools used are:

1. Desktop and laptops
2. Projectors
3. Tablets
4. Pen Drives, Microphones, writing pads , DVDs and CDs.
5. Zoom and Google Class room for delivering online lectures
6. Digital writing software such as MS-office, OneNote etc.
7. Presentation software such as MS-Powerpoint, Google slides etc.
8. Establishment of SMART Classroom cum Recording studio is initiated

The Institute has special focus on experiential learning, participative learning and problem-solving methodologies which helps to build an industry ready product. Faculty members make efforts



in making the learning activity more interactive by using various ICT tools and adopting various student-centric methods mentioned below.

- Students are encouraged towards group / team activities, building projects, understanding and interacting with entrepreneurs etc.
- The main focus of Innovation and Entrepreneurship Development Centre (IEDC) and Business Incubation (BI) is to involve students to work on projects, build IPR, make them participate in Entrepreneurship awareness camps to understand the journey of an Entrepreneur. To encourage entrepreneurial culture, students are encouraged to opt for Entrepreneurship as an Open elective, further molded by IEDC for startups.
- Student clubs and Special Interest Groups at department level encourage the students to work on technologies as required by the industry. This builds their interests in technical domain and also encourages team spirit.
- Center of Excellence plays a very important role in engaging and building students in recent technologies.
- At final year level students work on projects in team, where they are to follow the steps right from requirements gathering to product building, implementation and testing phases.
- Students undergo internships during their academics (part time) and also during vacations.
- The students also opt for add-on courses on latest technologies with SWAYAM MOOCS NPTEL, Infosys Springboard, Coursera etc.
- Subject practicals/ laboratories help students to learn the concepts through live hands on experience.
- In order to enthuse the students to conduct experiments by arousing their curiosity, virtual labs are used.
- NSS and UBA team at the institute involves students on environment and social projects, as a part of social responsibility.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

**Response:** 100

#### 2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
104	105	116	125	115

File Description	Document
Upload supporting document	<a href="#">View Document</a>

#### 2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

**Response:** 17.52

##### 2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
25	23	21	17	13

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

#### 2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

**Response:**

The institute being affiliated to Sant Gadge Baba Amravati University (SGBAU), is bound by the University norms for Internal and External Assessment. As specified in the scheme document, around 20% weightage is given to internal assessment and 80% to external assessment. The external assessment is carried out by the University. The Institute has an Examination Cell to deal with various issues related to external assessment. The examination cell coordinates and addresses issues related to exam form filling, hall tickets, question papers, equivalence and any other issues for successful conduction of the external exam. The assessment of the same is done by university authorities. Any grievance in the assessment is also handled through the examination cell.

Internal assessment is carried out at the Institute Level. The breakup of internal assessment as prescribed by the University includes 5% weightage for attendance and 15% is allotted based on the performance in Class Tests/ assignments/Tutorials/ Quiz/ presentations/ term work/ projects etc. The Institute has a well documented Internal Assessment and Evaluation policy. Further, a standard process is also prescribed in the academic diary (Point No. 17 under - Guidelines for Theory) for preparing the student for the university examination.

As published in the Institutes Academic calendar , two unit tests and one common test is conducted every

semester. Students are given chances to improve their performance through re-tests, one to one discussions, MCQs, open book tests, assignments, classroom presentations etc. Every department nominates an internal examination incharge, who coordinates overall internal exam conduction. The papers are evaluated by the concerned subject teacher within a weeks time. The evaluated answer sheets are then shown to the students and discussed. Any query regarding the feedback and evaluation is thoroughly addressed by the respective teachers. The assessment marks are displayed on the departmental notice boards, where each student can view his total assessment marks at the end of each semester and can report discrepancies, if any.

The internal assessment sheet, is finally prepared based on the overall performance, attendance and conduct of the student. The overall internal assessment marks are also verified by the respective subject teachers, class teachers and finally reviewed by the HOD before the same are uploaded on the University portal. The head of the department at the college level looks into any discrepancies in Internal Assessment marks and takes requisite steps to ensure transparency and objectivity.

During the pandemic span, as per the COVID 19 guidelines and norms, internal assessments were carried out online through online mechanisms. Considering the connectivity issues, the same was made available to be solved in a stipulated time, any time within a day at their pace. These tests/ quizzes were conducted by faculties in pace with the syllabus coverage for every unit/ two units/ six units. The grievances were directly addressed by the respective faculties immediately. For practicals: the evaluation was done online immediately after the submissions of the same via online platforms. The scores were immediately made visible to the students and discrepancies handled immediately.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated**

### Response:

Program Outcomes (POs) are statements about the knowledge, skills and attitudes (attributes) the graduate of a formal engineering program should have. POs deal with the general aspect of graduation for a particular program, and the competencies and expertise a graduate will possess after completion of the program. POs incorporate many areas of inter-related knowledge, skills and personality traits that are to be acquired by the students during their graduation. As such, POs define the professional profile of an engineering graduate. There are twelve POs defined for Engineering graduates which are inline with the graduate attributes as defined by the Washington Accord.

Course Outcomes (COs) are narrower statements that describe what students are expected to know, and are

able to do at the end of each course. These relate to the skills, knowledge and behaviour that students acquire in their progress through the course.

The institute is affiliated to the Sant Gadge Baba University, Amravati (SGBAU). SGBAU , through the corresponding Board of Studies has defined the Course Outcomes (COs) for various courses of the respective programmes and the same are published in the syllabus along with the scheme. The Vision, Mission, Learning objectives in different forms like COs, POs form the integral part of the Institute's teaching learning process and are communicated to the students through various means.

While addressing the students, the Head of the departments create awareness on POs, and COs. The faculty members, class teachers also inform the students and create awareness and emphasize the need to attain the outcomes. The students are also made aware about the COs and POs during the first lecture of every subject and further regularly at the beginning and end of each unit.

The Institute disseminates the information about CO's and PO's on various academic platforms including: Student Handbook, Web Site, Library, Course Files and Academic Diary.

The institute follows Outcome Based Education (OBE) philosophy for the measurement of levels of attainment of Program Outcomes (POs) and Course Outcomes (COs). Curriculum, teaching-learning processes and assessment methodologies are designed to align with POs. The process of mapping gives CO-PO matrices.

For each course, attainment level of all course outcomes is obtained based on the student's performance in the University examination. This in turn helps in arriving at the PO assessment as each CO is mapped with certain POs. The assessment methodologies and the process of measuring attainment levels is summarized below.

The Rubrics used for Course Outcomes (COs) are:

- o Attainment Level 1: XX% of students score more than XX% marks
- o Attainment Level 2: XX% of students score more than XX% marks
- o Attainment Level 3: XX% of students score more than XX% marks

The CO, POs are mapped using a cross matrix.

Course outcomes?	CO1	CO2	CO3	CO4	CO5
Program Outcomes?					
PO1	?				
PO2		?			
PO3					
PO4	?		?		
PO5					
PO6			?		
PO7					
PO8	?				
PO9		?			

PO10					
PO11					
PO12					

These sheets are attached to each course file of each program for every semester.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 2.6.2 Pass percentage of Students during last five years

**Response:** 91.41

### 2.6.2.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
481	520	434	429	497

### 2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
581	524	436	480	562

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:** 3.42

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll	<a href="#">View Document</a>

## Criterion 3 - 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 last five years (INR in Lakhs)**

**Response:** 24

**3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
0.5	0	6.5	12	5

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

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

**Response:**

In the year 2022, the college has been designated as the "Host Institute" (HI) for the implementation of the incubation component of the MSME Innovative Scheme (MSME Champion Scheme) and invited to participate in the MSME Idea Hackathon.

The institution has six research centers for Ph.D. programme recognized by Sant Gadge Baba Amravati University, Amravati under subjects; Computer Science and Engineering, Information Technology, Electrical Engineering, Electronics and Telecommunication, Chemistry and Physics under mentorship of fourteen research supervisors for various subject.

College students and startups have been recognized at national and state levels by the Global Student Entrepreneur Award, Startup NIDHI Award, Assocham Startup Launchpad Award, Senior Innovator Award at State Level, Young Innovator Award at State Level, MHRD and AICTE Smart India Hackathon, Maharashtra Artificial Intelligence Innovation Challenge, Government of India, and NITI Aayog.

The institution has participated in the Atal Ranking of Institutions on Innovation Achievements, which is an initiative of MHRD, Govt. of India, to systematically rank all major higher educational institutions and universities in India on indicators related to "Innovation and Entrepreneurship Development" amongst

students and faculties. As a result, PRMCEAM has received ranks under “Private or Self –Financed Colleges or Institutes” as follows:

S. No.	Year	Achievement
1	2018-19	Ranked among top 100 Institutes
2	2019-20	Ranked between 6th-25th Band A Category of Private Institutions
3	2020-21	Ranked as "Performer"

### Center of Excellence –

To keep abreast of cutting-edge technology, it is essential to have exposure to all the latest tools and technologies. With this motive in mind and perseverance, the institute managed to have collaborations and memoranda of understanding with some of the leading technology giants like Arm Ltd., Cypress Technology, Huawei Technologies, IBM Inc., Texas Instruments, Xilinx, and Wind River. Through these associations, all the latest tools, technologies, and course material were accessible thus enabling the institute to build the perfect state-of-the-art ecosystem for the staff and students to explore further.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

**Response:** 49

#### 3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	10	25	10

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>



### 3.3 Research Publications and Awards

**3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

**Response:** 0.27

**3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
4	9	5	7	8

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years**

**Response:** 0.84

**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
14	17	20	31	21

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.4 Extension Activities

**3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.**

**Response:**

The college organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students actively participate in social service activities leading to their overall development. The college runs National Service Scheme, Unnat Bharat Abhiyan, and Women Development Cell (WDC) actively and effectively. Through these units, the college undertakes various extension activities in the neighborhood community. NSS organizes a residential seven-day camp in nearby adopted village. Several activities were carried out by NSS volunteers addressing social issues which include cleanliness, tree plantation, water conservation through construction of Bandhara Road construction, Shramdan, Social interaction, Beti Bacho Beti Padhao, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health checkup camp, Awareness about farmer's suicide etc.

A few of the Extension activities are listed below:

- Blood Donation Program– Under NSS.
- Webinar on Aao Nadi Ko Jaane (Know Our River).
- Atal Tunnel (YUVAK) Study Tour Meeting by AICTE
- Awareness Quiz on World Population Day.
- Ekta Diwas Pledge on the occasion of Sardar Patel Birth Anniversary.
- Campus cleaning programs “Swachha Bharat Abhiyaan”.
- Mazi Vasundhara Abhiyan.
- Workshop on Bhujal Sanvardhan ani Vihir punar bharan.
- Quiz Competition on HIV AIDS & COVID19 Current Affairs at Vidyabharti college competition under RCC.
- District level Speech Competition on Rashtra Bhakti & Rashtra Nirman organized by Nehru Yuva Kendra Amravati, Rashtra Bhakti & Rashtra Nirman Bhashan Spardha.
- Participation in “Rangoli Making Contest” during celebration of “Azadi Ka Amrut Mohotsav” programme organized by Govt. of India.
- Essay competition Under INDIA OF MY DREAM VISION-2047

A few of the Extension activities organized by **Women Development & Grievance Cell** are:

- Parisavaad: Celebration of International Women's Day on 8th March every year.
- Guest Lectures: Guest lecture on topic “Think equal, build smart, innovate for change” was organized at the institute.
- Competition: Competition on “Best from waste” was successfully organized at the institute which received immense response.
- Parishad: A Parishad on “Matrushakti Sanman Sohala, mahila udyojakta parishad” was organized at the institute.
- Seminar : Seminar on the topic “ Girls students common health issues ” was conducted at the institute to address common health problems of Girls

#### **Guest Lecture for Social Cause / Community Awareness / Social Service**

- “Role of Youth in Unnat Bharat Abhiyan” at NSS Camp organized by PRMITR,
- “Solid Waste and Water Management” at NSS Special Camp
- “Career Guidance and Opportunities after Diploma” organized for students of Dr. Panjabrao Deshmukh Polytechnic college.
- Research Project with reference to Rural Development and Active participation in Government of

India initiative such as Catch the rain, e-waste management, Jal Jeevan Mission etc. Furthermore, society contributed through orientation on water conservation and RWH for industry personnel and academia.

### **Unnat Bharat Abhiyan Contribution for village Development by applying technology in adopted villages**

- Crop Protection from wild animals around farms.
- Tractor fuel Theft Detection System
- Solar Assisted Automatic seed sowing air bot.
- Rain water harvesting to ZP middle school at Dahigaon Dhawade

All the above mentioned activities had a positive impact on the students and helped in the development of student-community relationships, leadership skills, and self-confidence

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### **3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies**

#### **Response:**

PRMCEAM received the following awards and recognitions:

#### **Swachha Bharat Awards**

The NSS Unit of Prof Ram Meghe College of Engineering and Management, Badnera, participated in the Government of India, Swachha Bharat Mission by organising programmes such as Mega Swachha Bharat Abhiyan, Swachh Bharat Abhiyan Rally in association with SGBA University, an essay writing competition on Swachha Bharat Abhiyan under Swachhta Pakhwada, Anti-Tobacco Day etc.

The following accolades were presented to PRMCEAM as a result:

- “National Level Swachha Bharat Award 2017” awarded by The Ministry of Housing and Urban Affairs, Government of India on October 2, 2017 at New Delhi.
- “District Level Swachha Bharat Swastha Bharat award 2018-19” awarded by Vice-Chancellor of Sant Gadge Baba Amravati University, Amravati, on August 5, 2019.

#### **Recognition:**

Prof Ram Meghe College of Engineering and Management, Badnera received recognition and appreciation from various agencies for its active participation in various activities as listed below:

Sr. No.	Activity	Recognition
1	Blood Donation Camp with 209 participant on Martyr Day 30/01/2018	Blood Bank, District General Hospital, Amravati
2	Distribute Tricycles to Disabled & organizing Eye Checkup Camp on 18/03/2018	Namaskar Social Bahuudhesia Foundation, Amravati
3	Contribution in Swachh Bharat Abhiyan on 21/03/2018	Amravati Municipal Corporation
4	Eye Checkup and Eye Donation Camp on 21/03/2018	Harina Eye donation Committee , Amravati
5	Conservation & Importance of Water ( Pani Adwa Pani Jirva) on 22/03/2018	Maharashtra Jeevan Pradhikaran, Amravati
6	Street play on “Road Safety Management” on 23/03/2018	Regional Transport Office, Amravati
7	Inauguration on 4th of July 2018, “Swachha Bharat Summer Internship	Dr. M. P. Poonia , the Vice Chairman of AICTE, New Delhi as a chief guest and Dr. Amit Dutta, RO & Deputy Director, West Region of AICTE as a guest of honor
8	Swayamrojgar Abhiyan, making tourism spot at Ekpala and village development through technology and Unnat Bharat Abhiyan on 26/10/2018	Shri Ramdasji Tadas, Member of Parliament, Wardha Constituency
9	Blood Donation Camp with 209 participant on Martyr Day 30/01/2019	Blood Bank, District General Hospital, Amravati
10	Redribbon Club of NSS Unit, on 30/12/2021	Gram Panchayat Dahegaon (Dhawade), Amravati

#### Innovative College Award

- SantGadge Baba Amravati University, Amravati bestowed the institute with “ Best Innovatory Institute Award 2019”.

#### Best Magazine Award

The Institute magazine “Techno Stream” received awards in Professional Colleges Category at Sant Gadge Baba Amravati University as follows:

S. No.	Year	Award

1	2017	1st Prize
2	2018	1st Prize
3	2019	2nd Prize
4	2020	2nd Prize
5	2021	3rd Prize

### Career Katta Award

- The institute received Consolation prize at state-level competition in 2021-22 for “Career Katta” from Ministry of Higher and Technical Education, Government of Maharashtra

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 163

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

2021-22	2020-21	2019-20	2018-19	2017-18
41	31	34	23	34

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 3.5 Collaboration

### 3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 37

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

##### Response:

Prof Ram Meghe College of Engineering & Management is spread across 9.7 acres of land with total built up area of 14280.47 Sq mts. It is located besides New Express Highway which connects Akola-Amravati-Nagpur, and is 11 Km away from Amravati city.

It has all the infrastructure and physical facilities as per AICTE, DTE and SGBAU norms for facilitating teaching learning process, co- curricular activities and extra-curricular activities.

The instructional area required as per the norms of AICTE for Engineering & Technology institute is available as follows.

Particular	Number of Rooms Available
Class Rooms	24
Tutorial Rooms	4
Laboratory for First Year	4
Laboratory other than First Year	30
Research Laboratory	1
Workshop	1
Drawing Hall	1
Computer Centre	1
Seminar Hall	2
Library	1
Language Laboratory	1

The Administrative area required as per the norms of AICTE for Engineering & Technology institute is available as follows.

Particular	Number of Rooms Available
Principal Cabin	1
Board Room	1
Office	1
Cabin for Head of Department and Department Office	1 per Department
Faculty Rooms	1 per Department
Central Stores	1
Maintenance	1
Security	1
Housekeeping	1
Pantry for Staff	1

Examinations Control Office	1
Placement Office	1

The Amenities area required as per the norms of AICTE for Engineering & Technology institute is available as follows.

Particular	Number of Rooms Available
Toilets (Ladies & Gents)	Adequate
Boys Common Room	2
Girls Common Room	2
Cafeteria	1
Stationery Store and Reprography	1
First Aid cum Sick Room	1
Sports Club / Gymnasium	1
Girls Hostel	1

### Physical Infrastructure

- Institute has a rooftop solar system of 5 KW capacity. Entire campus is equipped with fire safety facilities at every floor in each building.
- Additionally e-Yantra laboratory is available at Electrical Department under a robotics outreach program funded by the Ministry of Education.

### Computing Facility:

The institution has following computing facilities:

Particulars	Available
Computers	541
Laptops	20
Printers	45
LCD Projectors	30
Scanners	11
Internet Speed	100 mbps
CCTV cameras	75

### Central Library

The institution has following library facilities:

Particulars	Available
No. of Volumes (Regular):	39054
Book Bank Volumes	23202



Total No. Of Titles	4394
S.W.D.F.Title	600
S.W.D.F. Volume	2278
Total No. Journals	54
Total No. of Magazines	13
NPTEL DVDs	579
CD's	650
Book Bank CD's	759
Magazines CD's	233
Library Software	SOUL 3.0
No. of Computer Machines	15

### Sports Facility

- There is a Separate Sports Department headed by Assistant Director of Sports encouraging students to participate in various sports & games at university, district and state level and National level too. Kits for various sports like Cricket, Football, Volleyball, Athletics, Table tennis, Carom, Badminton and Chess is available. During Sports competition the coaching, accommodation and transport facility is taken care by the Institute.

- **Extracurricular and Enrichment Activities**

Extracurricular and Enrichment Cell is active in nurturing students hobbies in various arts like music, dancing, drama, and photography through different cultural and student centric activities throughout the year. Students have represented the institute at South Asian Universities Festival too.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

**Response: 5.63****4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
0	0.47	15.36	18.38	87.38

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**4.2 Library as a Learning Resource****4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library****Response:**

The Central Library of the Institute occupies a very important place in the campus. It supports teaching-learning process and research activities. It provides a learning space for the students (UG, PG & research scholars), faculty members and staff.

Number of Books Available as follows:

Particulars	Titles			Volumes		
	Regular Books	Book Bank	Total	Regular Books	Book Bank	Total
BE Course	3478	235	3713	14431	21768	36199
ME Course	296	75	371	1421	1434	2855

Number of Titles and Volumes are as follows:

Particulars	Available Numbers
Total No. of Titles (Regular)	4394
Book Bank Titles	310
Total No. Of Volumes	39054
S.W.D.F.Title	600
S.W.D.F. Volume	2278

## 2. Printed Journals

The printed journals available are as follows:

Particulars	Available Numbers
Total No. Journals	54
Total No. of Magazines	13

The E-journals details are as follows:

Sr. No.	Publisher Name	E-journal Package
1	DELNET	DELNET Engineering & Technology Collection
2	MHRD	National Digital Library of India
3	e-ShodhSindhu Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi	National Library and Information Services Infrastructure for Scholarly Content (N-LIST)

## 3. E-Resources

The CD & DVD details are as follows:

NPTEL DVDs	CD's	Book Bank CD's	Magazines CD's
579	650	759	233

## 4. Library Software

Sr.No.	COMPUTATION OF LIBRARY	QUANTITY
1	Library Software	SOUL 3.0
2	No. of Computer Machines	15

The library has a unique feature in the form of Book Bank Section which provides the required number of text books to every student at the beginning of each semester to all the students. The Institute conducts library stock verification at the end of every year and identifies the books to be weeded out because of obsolescence in syllabus or physical damage. Such books are removed from the library after approval from the library committee. New books are added in sufficient titles and volumes regularly and when syllabus changes or new courses are introduced and also to replace the weeded out /damaged books.

Library houses 579 NPTEL CDS, 1521 CD-DVDs of Books and Magazines. Access to Swayamprabha channels to watch all academics related channels is provided through Inflibnet. Library books are now available for searching and distribution via mobile app and cloud application to students and faculty at

Library ERP Module URL - <https://libcloud.mastersofterp.in/>. Students and faculty can conduct library transactions via app or application. From this platform various reports regarding utilization of library resources are made available for further review of library resources.

The Library holds an exhibition once a year to display some of the treasures of the collection. This exhibition enables the Library to share a wide variety of textbooks/reference books with the users.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

##### Response:

The IT infrastructure of the college is maintained by trained and experienced professionals well supported by an experienced team of Network and System Administrator. The objective of IT Infrastructure is to provide state-of-the-art and robust hardware facility, softwares and networking support for securely running the College Academics, Administration, Examinations and Research related activities. It has been the epicentre of all network and application needs of the College since its inception and efficiently manages the IT infrastructure.

- There are total 541 computer systems across the campus in all department. More than 50 systems are available for administrative, HOD's Offices, staff Rooms and exam branch needs. All systems have optical mouse's. 30 printers are available in the campus. The examination cell has a high speed multi tray scanner cum printer.
- There is a central Computer centre of 150 Sqm with 100 computer systems. These computer systems are in LAN connected using open-source operating system.
- Wi-Fi routers are fixed at strategic locations to enhance connectivity. Currently the entire campus is Wi-Fi enabled. Campus is covered with 60 Indoor & Outdoor access points with 24x7-internet availability. Campus has been enabled with three internet connections – 40 Mbps with NMIECT, 40 Mbps Jio internet and 300 Mbps of BSNL broadband internet with total bandwidth of 380 Mbps from BSNL & Reliance Jio. All classes and laboratories are enabled with Wi-Fi connectivity so that students can access internet in the classrooms and laboratories.
- The institute has all required softwares as per the curriculum and AICTE.
- As recommended by AICTE, the use of free and open source software's is encouraged.
- 35 Laptops, 03 colour printer and 45 laser printers are distributed to the faculty carrying important portfolio with 11 Scanners used for document management. The use of open source software is encouraged.
- Total 30 LCD Projectors are placed in classrooms used for teaching purpose. Every department is provided with Amplifier, Speaker and Mic set.

- Recently College has started using ERP+OBE+LMS Cloud Software for entire college information management system. Modules like Academics, Admission, Fees collection, Employee Payroll, Establishment, Student Attendance, Examination, Learning management system, Feedback system, Library, Accreditation database management system etc modules, Faculty Mobile app and Student mobile app is in use on Cloud base MIS.
- Every building in the Campus is under Surveillance with 75 CCTV cameras.
- Establishment of Recording studio is in process for creating online course content. Under centre of excellence with support from Industry partner various latest proprietary software are made available for student and faculty members.
- Institute is having IT Policy, being documented for fair and transparent academic purpose for use of various IT resources in the Campus for stakeholders. IT Policy mainly includes- IT Hardware Installation Policy, Software Installation and Licensing Policy, Network & Email Account Use Policy, Website Hosting Policy, Institute Database Use Policy, Wi-Fi Use Policy. It is available on institute website.
- 01 Digital Smart Board is installed in the classroom.

Particulars	2021-22	2020-21	2019-20	2018-19	2017-18
COMPUTER MAINTAINANCE & STATIONERY	108645	59600	66585	132105	495581
COMPUTER SOFTWARE	94099	137853	281705	1135108	479376
LAB CONSUMABLES - COMPUTER			165231	13900	356997
LAB CONSUMABLES - IT LAB	348539				
INTERNET EXPENSES	79650	79650	160950	73125	27560

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**4.3.2 Student – Computer ratio (Data for the latest completed academic year)****Response:** 3.7**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 541

File Description	Document
Upload supporting document	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)****Response:** 100**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
411.66	358.51	459.08	460.27	468.61

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

**Response:** 82.29

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1678	1509	1279	1421	1435

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

**Response:** 40.1

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
874	1304	254	819	317

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## 5.2 Student Progression

#### 5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

**Response:** 34.25

##### 5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
253	145	174	160	80

##### 5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
523	494	416	448	490



File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

**Response:** 42.86

#### 5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2	7	2	3	1

#### 5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
8	11	8	5	3

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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 last five years

**Response:** 80

#### 5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at

*national/international level (award for a team event should be counted as one) year wise during the last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
7	0	16	29	28

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

**Response:** 34.6

#### 5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
30	0	53	50	40

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 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

**Response:**

There is a registered Alumni Association which contributes significantly to the development of the institution through academics and/or other support services.

- Prof Ram Meghe College of Engineering & Management, Badnera has a registered Alumni Association under the Societies Registration Act (Registration No.: Amravati/0000083/2017). It was registered in 2017 by the Registrar of Society, Amravati Region, to foster a spirit of loyalty and

to promote the general welfare of the organization, support the Institute's goals, and strengthen the ties between alumni, the community, and the Institute. It plays a key role in determining and conserving a lasting relationship between the former and existing students, on one hand, while institute and society, on the other hand.

- Alumni pay frequent visits to the campus for a variety of reasons, including guest lectures, seminars, workshops, Student Training Programme (STP) activities, simulated personal interviews, and discussions about business and entrepreneurial prospects.
- Entrepreneur Alumni provides advice on how to establish a new business and transform it into a source of employment. Alumni help with the campus placement and recruitment by recommending current students to the industry, educating them about various industry opportunities, and aiding students with placement assistance and internships.
- Along with being graduates, several of them are also active members of IQAC and members of Institute's academic and administrative committees. They advise the students on how to get jobs and grow professionally. The Maharashtra Public Universities Act 2016, Section 97 mandates the representation of students and alumina in various bodies.

## Objectives

- To provide an interface through which the alumni of the institute can keep in touch with the institute, faculty, staff, and students of the institute and among themselves.
- To enable the alumni to take part in the institute's activities that will contribute to the improvement of the institute.
- To promote an exchange of skills and experience.
- To conduct seminars, workshops, and guest lectures.
- To promote social and cultural activities.
- To render financial aid to needy and deserving students.
- To help the alumni by advising them on various technical problems that they might face in their work.

The various contributions by the alumni are listed as under:

- Guest Lectures and Career Counselling
- Stories for motivation.
- Career guidance sessions and counselling

All these activities are done by planning a convenient date and time in consultation with the Department Coordinators and Head of the Departments. The initiatives like providing internships, encouraging alumni to visit the college for campus placements, providing project assistance, encouraging employee referrals to our students, and facilitating industrial visits for students are taken up. Such steps help to increase the employability of the students to become successful engineers.

## Entrepreneurship Assistance

The College has always promoted the spirit of entrepreneurship among students. Alumni Entrepreneurs share their experiences with the students actively, and contribute by helping students to set up their start-up companies.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance**

#### Response:

The Vidarbha Youth Welfare Society (VYWS), Amravati, was established in 1965 by the philanthropists of this region, having varied professional backgrounds, with the objective of providing quality technical education to all sections of society in and around the region of Vidarbha in the state of Maharashtra. PRMCEAM, established in 2009, is one of the renowned educational setups under the umbrella of VYWS.

#### Vision of the Institute

To become a centre of excellence in engineering education by providing the standard academics that connect knowledge, practice, and research.

#### Mission of the Institute

Fostering engineering graduates by providing a continuously improving academic environment that promotes the advancement of engineering knowledge both in its creation and dissemination.

#### Objectives/Quality Policy

"To become the centre of excellence in providing quality education, training, and research in the domain of engineering and technology."

The leadership of the organisation includes top management, the principal, deans, heads of the departments, cell coordinators, and faculty members representing various academic bodies of the institute. The institute strongly believes in grooming the leadership at all levels of administrative hierarchy.

#### Management

- Forms various committees with faculty at the helm and trains them in leadership.
- Regularly interacts with the institute administration through College Development Committee (CDC) meetings, Review meetings, and the Internal Quality Assurance Cell (IQAC) and sets the goals for the quality policy.
- Ensures adequate financial support for the overall development of academic and administrative infrastructure, as well as cutting-edge facilities, to ensure the prevalence of a proper academic environment.

#### Principal

- Responsible for the academic and administrative activities of the institution.
- Shares the views of the management and other important decisions taken by the management in the

meetings conducted with deans, heads, and cell coordinators for academic and administrative review.

### HOD

- Responsible for overall administration, functioning, laboratory, and maintenance of the department.
- Grooms staff members to lead different departmental committees.

### Faculty

- Plays a key role in the implementation of the quality policy of the institute and plans for future development.
- Is one of the most important stakeholder groups and a key pillar of the institute.
- Serves as a mentor/faculty advisor/group advisor for effective student control and counselling, execution of several department activities and effective preparation of purchase requirements.

### Student

- As members of various student associations and coordinators for various events, including technical, cultural, sports, social, and departmental associations.
- As the Gathering Secretary, they are permitted to take on the role of office bearers, to execute and organise association activities themselves in order to expose their responsibilities and duty consciousness.
- Student Council President and Secretary are the members of CDC providing student representation in college development planning activities.
- Student Alumni is the member of CDC having participation in college development planning activities.

Institute strongly believes in grooming the leadership at all levels of administrative hierarchy through inclusive, decentralized, and participative management, which is corroborated by the presence of the College Council and an effective cellular structure in place since inception. The constitution, function, roles, and responsibilities are well documented in the coordinator's Handbook.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

**6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc**

**Response:**

The Institute has a well-framed administrative setup conforming the norms of the regulatory bodies and has many statutory/non-statutory bodies carrying out functions and responsibilities in pursuit of its institutional mission and core values. The administrative setup adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation is as follows:

**Governing Body:**

The College Development Committee (CDC) is the apex governing body of the Institute constitutes under Section 97 of MPU Act 2016 is prominently responsible for ensuring effective management of the institution and for planning its future development. It includes considering and approving the strategic plan for the institution, framing and evaluating the policies and staffing strategies.

**College Council:**

The College Council, with the prime objective of institutional effectiveness is responsible for formulating the policies of the institution and framing the vision and mission statements. It serves as a forum for the discussion of the concerns of college constituent groups.

**Principal:**

The principal is the chief Executive and Academic head of the college is responsible for planning, executing, and monitoring all the academic activities that are aligned with the established policies and objectives of the organisation.

**Internal Quality Assurance Cell (IQAC):**

IQAC has been established with the objective of pursuing the institute action plan for performance evaluation, assessment, accreditation, and quality improvement to develop a system for conscious, consistent, and catalytic improvement of the institution.

**Head of Departments (HoD):**

HoDs are responsible for planning and conducting the teaching and learning process successfully and ensuring discipline among students and faculty members of their respective departments. HoD analyses the feedback from both students and parents and takes appropriate corrective and preventive actions for improvement.

Apart from the cellular structure, which will look after various pre-defined activities, the institute also has various non-statutory committees in place.

**Service Rules, Recruitment, and Promotion Policy:**

The service rules, the recruitment procedure, and the promotion policies are framed in accordance with the norms of the AICTE/ SGBAU Amravati.

The top management provides a clear vision and mission for the institution. A perspective plan and

strategic plan crafted with the innate characteristics of primacy and flexibility, covering all the aspects of academic, administrative and quality issues, are aligned with the institution's vision and mission statements. The institution has a perspective plan in which the following key areas are considered:

- Academic perspective
- Stakeholders perspective
- Research and Development

Some of the major and significant achievements met which were set in the Strategic Plan 2015-2020, are:

**Affiliation and Accreditation:**

- 1.NAAC accreditation
- 2.Permanent affiliation to SGBAU, Amravati
- 3.UGC recognition under Sections 2(f) and 12(b)

**Horizontal Expansion.**

Introduced emerging branches: Computer Science & Engineering (Data Science), IT

**Vertical Expansion:**

Introduced Ph.D. programmes in Computer, Electrical, Electronics, Physics, Chemistry and IT.

**Research and Consultancy/MOUs with Industry**

- Introduced AICTE/DDST research promotion schemes
- Established an entrepreneurial development cell and a business incubation centre.
- MOUs with Industry (CoE)

**Infrastructure Development:**

Infrastructural facilities are augmented from time to time as required by the AICTE.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**6.2.2 Implementation of e-governance in areas of operation**

- 1.Administration
- 2.Finance and Accounts
- 3.Student Admission and Support
- 4.Examination



**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

### 6.3 Faculty Empowerment Strategies

#### 6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

**Response:**

Believing that a satisfied employee is the backbone and an asset for the institute and can make the institute a productive place, the management has put in several welfare measures and schemes for the faculty, non-teaching staff, and students.

Following welfare provisions are made available to the faculty and staff as mandated by AICTE and SGBAU:

- Provident Fund
- Gratuity policy
- Medical insurance for employees
- Financial support for upgrading knowledge through QIP, conferences, and workshops
- Faculty and staff are affected by maternity and paternity leaves.

The institute takes the following steps to attract and retain eminent faculty:

- Freedom to pursue higher education
- Financial incentives for research publications and patenting
- Patent legal advice by an expert
- Training and development programme

The institute has an effective performance appraisal system for faculty and the audit by IQAC becomes the basis of their evaluation system. The institute has a professionally designed annual self-assessment form for the performance-based appraisal system (PBAS) in line with the guidelines published by AICTE/SGBAU. The PBAS is a mandatory requirement for promotion under Career Advancement Scheme (CAS) as stipulated by the AICTE/SGBAU norms.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
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#### 6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and

**towards membership fee of professional bodies during the last five years****Response:** 15.75**6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
20	12	26	16	15

**File Description****Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)**6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years****Response:** 71.02**6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
46	67	68	260	32

**6.3.3.2 Number of non-teaching staff year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
64	0	0	0	37

**File Description****Document**

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

#### Response:

The institute does have an effective and well-defined strategy for mobilising resources and ensuring transparency in financial management. The institute prepares the budget in accordance with the budget required by the departments with due approval from the College Development Committee (CDC).

The approved purchase requirement is handed over to the Purchase Committee, which prepares the purchase order to purchase the equipment. This exhibits an efficient utilisation of budgeted money.

#### Mobilization of funds

The institution raises funds through student tuition fees, which are paid by students who are admitted according to state government regulations for higher education.

Other sources of financial revenue include:

- Workshop, Training, and Consultancy
- participation fee in various conferences and seminars organised by the institution.
- Establishment of an industry-sponsored lab
- R & D projects from government funding agencies such as DST, AICTE, etc.

#### Utilization of funds

The Major Expenditures of the Institution:

- Salary and wage payments
- Development and upgrading of laboratories
- Construction and maintenance of buildings
- Purchasing of library books, subscriptions to journals, and rare books in the library

Apart from meeting the recurring expenditures, the funds are also used for:

- Effective teaching-learning practises that include the conduct of orientation programs, workshops, and inter-disciplinary activities
- Social service activities
- Green campus and amenities
- In-house security measures
- Conducting annual tech fests, alumni meets, sports meets, and parent-teacher meetings

The institute ensures strong adherence to financial transparency and keeps its books of account as per the Income Tax Act of 1961. To ensure financial and statutory compliance, the institute has a well-defined mechanism in place for internal and external audit.

The process of auditing starts with budgetary preparation, and there is a well-defined process for sanctioning budgets. The annual budget for the institute is prepared at the beginning of the financial year, considering potential income and expenditures (recurring and non-recurring) during the year.

For the convenience of students and parents, contactless (online) fee collection and payment is now available. The salaries of all the employees of the institute are computerized. Cashless Digital transactions across the campus make the process quite easy, and accounting is done as per the standard norms.

#### **Internal Financial Audit:**

Internal financial auditing is a continuous process and is done by the Accounts deputed in consultation with the C.A. A team of staff makes a thorough quarterly check and verification of all payments, receipts and journal vouchers, cash books, and ledger account reviews in each financial year on an accrual basis.

#### **External Financial Audit:**

At the end of every financial year, the income and expenditure statements are duly audited by the chartered accountant. The chartered accountant prepares and submits the auditor's report for the financial year which is approved by the CDC. The duly certified Audit Report forms the basis for fee fixation by the Fee Regulating Authority of the State Government. Further, the auditor's reports are published on the institution's website for the information of all stakeholder groups.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## **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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

#### **Response:**

As per the guidelines of AICTE and NAAC, an Internal Quality Assurance Cell (IQAC) has been established to pursue the institute's action plan for performance evaluation, assessment, accreditation, and quality improvement of the institution. The prime task of the IQAC is to develop a system for conscious, consistent, and catalytic improvement in the overall performance of the institution. The work of IQAC is the first step towards the internalisation and institutionalisation of quality enhancement initiatives.

IQAC has significantly contributed to improving the academic environment, teaching and learning processes, curriculum and evaluation methods, and research environment in the institution, in addition to ensuring coordination among various activities of the institution. The faculty coordinators continuously

update information and furnish the same to IQAC at the institution level.

The teaching-learning process is reviewed in each semester for improved outcomes in internal and external exams, student feedback, placements, etc. The institute communicates its quality assurance policies, mechanisms, and outcomes to all the stakeholders through various means of communication. The institute-level Academic Advisory Committee conducts the departmental inspection periodically to assess syllabus coverage, faculty files, attendance registers, work load distribution, and student feedback and assessment reports. Academic auditing is a provision for internal review of the academic process. The internal quality assurance system is aligned with the requirements of external quality assurance agencies in all aspects of the institute's operation, with a focus on the quality of the teaching and learning process.

Periodic meetings are conducted with class teachers, class representatives, and faculty members to review the teaching and learning process. Subject allocation is done as per the faculty's specialisations and experience. Faculty are required to prepare lesson plans, a course file, personal notes, and a question bank before the commencement of the semester. The attendance register is maintained by each faculty and contains the students' attendance, performance in tests, and syllabus completion status. This is reviewed monthly by the respective head.

The institute's IQAC has devised an effective and vibrant student feedback mechanism. To ensure close monitoring and effective teaching and learning, IQAC schedules and executes mid-term and end-term feedback. The Dean (Academics) conducts a regular review of the teaching and learning process with input from all departments. Based on the recommendations, critical observations and issues are escalated to the concerned Head of the Department for necessary corrective measures.

To keep abreast of the latest trends and technologies and to bridge the gap, IQAC interacts with Training and Placement Cell coordinators. The identified gaps are communicated to the concerned head. The concerned department facilitates and motivates the students to pursue the curated courses that are mentored by the faculties from the department. Faculties are also facilitated and encouraged to pursue AICTE ATAL, NPTEL, and SWAYAM's FDP. IQAC motivates to enhance research aptitude, which is showcased through research publications in journals of repute and noteworthy changes in the count of PhD registrations. Consistently effective measures of the IQAC can be substantiated by the significant enhancement in overall placement and various student and faculty development programmes.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**

**4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc****Response:** B. Any 3 of the above

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 7 - 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 and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

##### Response:

Gender equality is a human right and an important consideration in the overall development of a barrier-free society. It significantly showcases how social norms and power structures impact the lives and opportunities available to different groups of men and women. The institute has set the benchmark for building up a healthy environment. It observes high ethical standards in all its activities, specifically to empower and strengthen gender equity. The institute follows a "zero tolerance" policy against sexual harassment and gender bias at work.

In order to ensure the compliance of AICTE Notification Number AICTE/WH/2016/01 dated June 10, 2016 (Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students, and Redressal of Grievances in Technical Institutions), Regulations 2016, the Internal Complaints Committee (ICC), is in place. Apart from ICC, the institute has a separate and dedicated Women's Development and Grievance Cell (WD&GC). To promote gender equality and awareness among girl students, female faculty, and staff members, the institute has been consistently organising various interactions with experts regularly. The issues addressed are academic performance anxiety, decision-making, underachievement, peer pressure, relationship handling, women's issues, absenteeism, malpractice, low self-esteem, emotional instability, etc. Awareness programmes and workshops emphasising the rights of women, health, hygiene, and self-defence are also conducted. To promote menstrual hygiene, sanitary napkin vending machines are available in the girl's common room in the institute. An ambulance is available on campus round the clock, 24x7 basis to respond to medical emergencies.

The Institute actively promotes and demonstrates gender equity, which is visible through the presence of female staff at key administrative positions. Equally, female students have a significant presence and participation in various co-curricular and extracurricular activities. W D & G C acts as a catalyst for achieving measurable targets and enhancing accountability for gender equality and women's empowerment. This committee outlines and emphasises flawless implementation of the said norms.

##### **Celebration/organisation of national and international commemorative days, events, and festivals**

The institution celebrates commemorative days, events, and festivals through the NSS and student associations. The cultural activities are informal and intended to sensitise the academic world to other dimensions of human experience and knowledge. This would enrich the lives of students and make them aware of their social responsibilities and the implications of their actions.

Days of national importance like Republic Day and Independence Day are celebrated with a patriotic spirit. The faculty and students participate in the event organised in remembrance of the patriots who have sacrificed their wealth and lives for our nation. Moreover, the institute also celebrates National Girl Child Day, National Voter's Day, Martyr's Day, Marathi Bhasha Diwas, National Science Day, International

Women's Day, International Yoga Day, Teacher's Day, Engineer's Day, Ekta Divas, Maharashtra Reading Day, Constitutions Day, and World AIDS Day. The birth anniversaries of Mahatma Gandhi, Dr. Babasaheb Ambedkar, Chhatrapati Shivaji Maharaj, Swami Vivekanand, and Sant Gadge Baba are celebrated to remember their contribution and message to the nation by observing the day.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>
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### 7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

**Response:** A. 4 or All of the above

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>

### 7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>

### 7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

**Response:**



To promote diversity among students and faculty, the institution provides an ecosystem and enabling environment for the co-existence of people coming from different cultures, regions, linguistic and other socioeconomic diversities.

- The Institute celebrates Republic Day and Independence Day with great enthusiasm to foster spirit of brotherhood amongst students.
- The DBT & Student Welfare Cell, of the institute organizes meetings/programmes to ensure harmony among students. NSS cell regularly organizes programs such as Swachha Bharath Abhiyan, National Integration Awareness program, Blood donation camps.
- The institute supports and upholds holistic culture at the campus. College magazine provides a platform to express the thoughts, innovative ideas, and creative notions of students and staff. The college magazine consists of different sections in five different languages namely Marathi, Hindi, English, Sanskrit and Urdu to ensure freedom of expression.
- The institute implements the Government schemes like TFWS, EBC and other category scholarships/ free ship for admitted students. The institute also provides Meritorious Scholarship to the students for their academic excellence at University exams.
- The institute has dress code for students to promote social and economic harmony.

PRMCEAM organizes various activities to sensitize students and staff to the constitutional obligation like Values, Rights, Duties, and responsibilities through curricular and extra-curricular activities.

- Every year, the Institute observes National Constitution Day to promote constitutional values and principles fostering respect for social, cultural, and racial diversity.
- The institute has formulated Code of conduct & ethics for Faculty members, Staff and Students which have to be followed by them.
- As per the norms of AICTE, Students Induction Program is conducted for first year Engineering Students to help them adapt the new environment. The core of Programme is Universal Human Values module. Faculty members of the institute participate in UHV training Programmes arranged by AICTE to justify their roles as mentors to impart UHV training to students.
- Subjects like “Professional Ethics” and “Values and Ethics” are prescribed in syllabus of Third-year B.E. (CSE) and Second-year B.E. (EXTC) course which aids in inculcating professional ethics and values amongst students.
- NSS cell conducts activities like National constitution day, Gandhi Jayanti, Awareness program on Fundamental Duties and Rights of Indian citizens to inculcate constitutional obligations among students.
- NSS cell organizes Swachha Bharath Abhiyan drive to aware about cleanliness in campus and nearby villages. Various awareness activities on social topics like Beti Bachao Beti Padho, Swachh Bharat Abhiyan, AIDS Awareness, etc. are conducted.
- NSS camp is organized at adopted village for 15 days every year. Various awareness programmes on social issues by virtue of street play, seminars, door to door campaign, cleaning, etc. are conducted.
- Awareness amongst students and faculty members through pledges on anti-tobacco day, water day, Swachata pledge, Gadge Baba Jayanti, pledge, Indian Constitution day etc.
- GOI Scheme is implemented by institute such as annual celebration of 150th Birth anniversary of

Mahatma Gandhi, Ek Bharat Shreshtha Bharat Scheme, Azadika Amrit Mohatsav, Gandagi Mukta Mera Bharat Abhiyan, Jalshakti Abhiyan, Voter Awareness Campaign, National Youth Parliament, Fit India Campaign, Various COVID awareness drives and program.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 7.2 Best Practices

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

#### Response:

**1. Title of the Practice:** Book Bank Scheme for all the semesters for all the students.

#### Objectives of the practice

This practice is implemented since the inception of the college with view that students need not to spend money on procuring expensive books during their tenure in the college.

- To inculcate reading habit among students.
- To improve teaching learning process and academic performance of students.
- To support the curriculum need of students
- To cater the needs of students without financial burden on them.

#### The context

Free Book Bank facility is provided to all students irrespective of their category, caste and merit rank in the academics. As engineering books are expensive, it becomes difficult for students to purchase and refer standard Textbooks/Reference books. To cater academic need, required books are provided to students every semester. This facility is offered twice a year at the beginning of academic session. It includes text/reference book of each subject. As soon as exams are completed, books are returned to library and new books for next semester are issued. Currently Library has total 23,202 Book Bank Books.

#### The practice

- The Book Bank Facility is provided to all students admitted to UG and PG course.
- Firstly books for Book Bank are recommended by subject teachers.
- The list is prepared and numbers of copies are verified.
- Schedule for distributing Book Bank Books is prepared and circulated among students. Students have to fill information in prescribed form. Rules and regulations are mentioned in the form, along

with undertaking from students regarding usage of books. At first year level students have to fill form and next year onwards Book Bank is issued through Library Management software.

- Every student gets one book for each subject.
- After completion of exam, books are returned to Library and books for next semester issued.

### **Evidence of Success**

PRMCEAM Library ensures that knowledge in form of textbooks is available to students for fulfilling their academic need. Students don't need to spend money to procure books. Students are happy with this scheme which is reflected in their feedback.

### **Problems encountered and resources required**

- Due to regular updation of syllabus, books get obsolete and require procurement of new books.
- Difficult to recommend books for Elective subjects as number of students vary every year.
- Difficult to recommend if Textbook doesn't cover all topics mentioned in syllabus.
- Continuous hike in prices of books.
- During COVID extending Book Bank Facility became difficult.

In order to overcome above issues, institute extended e-book facility to ensure contact less book distribution during COVID norms. E-books are provided for Elective subjects.

## **2. Title of the Practice: Cellular Structure of the Institute**

### **Objectives of the Practice**

- To ensure inclusive and participative management.
- To inculcate leadership quality among faculty members.
- To ensure effective administration and efficient utilization of the resources.
- To devise and implement a mechanism for different cell activities.
- To develop good work culture within the organization.
- To involve working professionals in teaching and management of institution.

### **The Context**

PRMCEAM is a technical institute with 2000 plus students, more than 150 teaching and non-teaching staff members providing engineering education at UG and PG programme. The practice of cellular structure is instrumental in channelizing smooth functioning of the Institute. Moreover different student related issues need different solutions and they can be best handled in decentralized manner. Institute has total 19 cells. Each cell comprises of a cell coordinator and faculty members from each department. All the college activities like admissions, training and placement, scholarships, sports, cultural activities, college maintenance etc. are administered efficiently through these cells. All related aspects such as planning, organization, financial sanction, spending of sanctioned amount, utilization of grants and reporting are done by these cells in accordance with set rules and procedures under the overall guidance of the Principal.

## The Practice

Institute is having Coordinator Handbook to describe role and responsibility of all cell coordinators and the members. Cells are functioning in following manner:

- Coordination Committee consisting of Principal as the Chairman with all HODs and Cell Coordinators as the members, responsible for effective coordination and execution of the functions.
- All cell coordinators conduct meeting with their members regularly for finalization of task of their cells.
- It is the responsibility of each individual HOD to make available the required manpower and the resources as and when needed.
- HODs, Coordinators and each member of Cell must work proactively with due information to each other concerned.
- Coordinators, coordinate and synchronize activities at College level. The work is scheduled in a manner that shall not affect regular academics.
- Each member of cell shall have the working jurisdiction across the institute.

Following cells are available at our institute.

1. Internal Quality Assurance Cell
2. Academics & E-Learning Cell
3. Amenities/Works/Maintenance Cell
4. IIL/Consultancy/IRG Cell
5. DBT & Student Welfare Cell
6. E-Governance & ICT Cell
7. Enrolment & Examination Cell
8. IEDC & TBI Cell
9. IPR Cell
10. Teachers Training & Documentation Cell
11. National Service Scheme Cell
12. Placement & Alumni Cell
13. Public Relation & Social Media Cell
14. R&D/CIRF Cell
15. Skill Development Cell
16. Sports/Extra-Curricular Activities Cell
17. Training & Internship Cell
18. Unnat Bharat Abhiyan Cell
19. Women Development & Grievance Cell

For example, under Amenities/Works/Maintenance Cell, Cell coordinator will look after entire maintenance activities across the campus. Member from Civil department will look after civil maintenance across the campus.

## Evidence of Success

The cellular structure helped in overall development of student that can be judged from current final year placement, which shows significant improvement in

- Academic results, sports and extra-curricular activities
- Student's internship and placement ratio.
- Faculty overall performance.
- Research & Development activities.

### Problems Encountered and Resources Required

The dynamic nature of functioning of cellular structure results in data redundancy and repetition of forms etc. This problem has been addressed through the implementation of ERP by making data available at one central place.

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

### 7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

#### Response:

**Centre of Excellence-** Centre of Excellence comprises the following

- **Centre of Excellence**
- **Innovation & Entrepreneurship Development Centre - Business Incubation**
- **Hobby Clubs**
- **Research Project & Internship at Government Departments**

Institute supports students, innovators and Entrepreneurs through its pre-incubation and incubation facility. We facilitate pre-incubation for students and Entrepreneurs, funded by the Department of Science and Technology (DST) since 2015. In the year 2017 Ministry of MSME approved us as an Incubation facilitator. In the year 2019 MSME revised our approval extending funding for start-ups up to Rs. 15 Lakhs and a Grant in Aid of Rs. 1 Core to establish Lab Facilities in the Business Incubator. In the year 2020 we are selected among 24 Aspiring Institutions at National Level by Atal Innovation Mission, NITI Aayog, to establish Atal Community Innovation Centre as pre-incubation facilitator to nurture community innovations with a Grant in Aid of Rs 2.5 Crore. As a pre-incubation and incubation facilitators, we offer facilities such as office space, conference room, computers, internet, library, etc. To boost the capacity and performance of our incubate we conduct training programmes and Mentoring from Technical experts and established corporates senior. Our incubation centre also offers Regulatory and Advisory services such as Company formation, restructuring, and legal services. Knowing the importance of intellectual property, we provide training and also provide incubate with IPR Facilitation, like patents, trademarks, copyrights and many more. We facilitate our incubation through angel investor, venture capital and many other funding

agencies.

To give insights on entrepreneurship we conduct various programmes and workshops like entrepreneurs awareness camps, Faculty development programs on entrepreneurship, and Intellectual Property Rights workshops. National Science and Technology Entrepreneurship Development Board, DST, MSME, IETE, and ISTE, funded programmes encourage us to provide greater exposure to students and prospective entrepreneurs to interact with experts from various sectors.

The Institute motivates our students and innovator to submit proposals to various government funding agencies, funding schemes and fund-raising events like NIDHI Prayas, Atal New India Challenge, Defense India Start-up Challenge, Woman Scientist Scheme (WOS-B), NRDC Awards, GYTI Awards, Idea for New India Challenge, etc.

Start-ups by PRMCEAM students have been recognized at national and state levels by the Global Student Entrepreneur Award, Start-up NIDHI Award, ASSOCHAM Start-up Launchpad Award, Senior Innovator Award at the State level, Young Innovator award at the State level, MHRD and AICTE Smart India Hackathon under Ministry of Agriculture and Farmers Welfare Government of India, Maharashtra Artificial Intelligence Innovation Challenge Government of India and NITI Aayog, MHRD IIC POC organized by start-up India, EMPI MObi Fest, Idea Competition by National Institute of construction management and research, Start-up India Yatra, State Level E-Yantra Idea Competition, “Start-Up Conclave” at the regional level, Marathwada Innovation Challenge, Avishkar Competition.

PRMCEAM has participated in the Atal Ranking of Institutions on Innovation Achievements which is an initiative of MHRD, Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to “Innovation and Entrepreneurship Development” among students and faculties. Result of which PRMCEAM ranked in the top 100 institutions for the year 2018-19. In the year 2019-20 PRMCEAM ranked between 6th to 25th in BAND A under Private or Self-Financed College/ Institutes. In 2020-21 PRMCEAM have been recognized in the band of “PERFORMER” under the category “Colleges/ Institutes (Private/ Self-Financed) (Technical)”.

IEDC and BI cell achieved a great victory by successfully supporting more than 12 Entrepreneurs to establish their start-ups belonging to IT Services, E-Commerce, Healthcare Services, Health Device Manufacturing, Construction material manufacturing domains and many more. Our supported start-ups are registered under the Ministry of Corporate Affairs, Government of India. Some of our start-ups are selected among the Best 500 Startups of India by India 5000 (2019). Our start-ups have received funding and recognition from national organizations.

In the year 2022, we received recognition from the Institute as a Host Institute (HI) for the Implementation of the Incubation Component under the MSME Innovative Scheme (MSME Champion Scheme) to participate in MSME Idea Hackathon 2022. Each selected Start-Up under this scheme will receive Grant in Aid of Rs. 15 Lakhs.

**Centre of Excellence:** To keep abreast with cutting-edge technology, it is essential to have exposure to all the latest tools and technology. With this motive in mind, with perseverance, we could manage to have collaborations and MoUs with some of the leading technology giants like Arm Ltd., Cypress Technology, Huawei Technologies, IBM Inc., Texas Instruments, Xilinx and Wind River. Through these associations, we have access to all the latest tools, technologies, and course material and thus enabling us to build the perfect state-of-the-art ecosystem for the staff and students to explore further.

**Hobby Club: In-house development of Electronics Practical kits:**

The department of Electronics & Telecommunication Engineering utilizes the skill set of the staff for generating consultancy at the department level by designing, developing, manufacturing and repairing electronics experimental kits for various educational institutes.

**Research Project & Internship at Government Departments:**

PRMCEAM has a MOU with Amravati Municipal Corporation, under which various UG/PG research project are carried out by the students for addressing the various issues related to Environment and road safety measures, as suggested by AMC authorities.

The Department of Civil Engineering has arranged an internship for students at Government departments like Amravati Municipal Corporation and the PWD department. During the internship at Amravati Municipal Corporation, students worked on the “Construction of affordable houses under Pradhan Mantri Awas Yojana” and experienced the working procedure of the PWD department.

File Description	Document
Appropriate web in the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

## 5. CONCLUSION

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### Additional Information :

#### PERFORMANCE AT A GLANCE

##### I. International Level

- Representation on “Peace Ambassador Programme- UK” by Lila Poonawalla Foundation - Two girl students (2019-20)
- Representation at Cultural and Internship Programme at Japan : NOP Solar Water Green Project Japan - Two students (2019-20)

##### II. National Level

- DST-GOI funded IEDC (2015-2020) with a grant of 50 Lacs.
- National level Swachha Bharat Award 2017.
- Visaka National level best volunteer Award- 2018-19
- Recognised Incubation Centre MSME GOI-2018
- Recognised as Lead Zonal Centre for Deep Learning and AI Skilling & Research 2018
- Maharashtra Digidhan Awareness Programme Winner 2018-19
- Best intern Award in Swachha Bharat summer internship 2018.
- Ranked 39 in the “India’s Top 50 Engineering Colleges Survey-2019”.
- HCNA & HCINA certification – Prof Lovely Singh Mutneja (2019-20)
- “Technomedia Young Woman Award in Engineering 2019” by IETE - Dr. K. N. Kasat
- National Rank in top 100 in category of “Private Self-Financed College” in Atal Ranking of Institutions (ARIIA) in 2019
- India Huawei ICT Academy as a “Top Contributor” - Prof. S. A. Shah (2020-2021)
- National Rank as “Band A” (Rank between 06-25) institution in category of “Private Self-Financed College” in Atal Ranking of Institutions (ARIIA) -2020
- 1st Prize in **UBA- National Level Poster Making Competition** (2020-21)
- “ICT” Academy Award-2021-22
- UBA Grant of Rs. 50,000/- from GOI (2021-22)
- Winner of Smart India Hackathon (2022)
- Recognised as PERFORMER by ARIIA (2021)

##### III. University level

- Permanent Affiliation (2017-18)
- University Recognized Research Centers for Ph.D Programmes in Computer Science & Engineering, Electrical Engineering, Electronics & Telecommunication Engineering, Information Technology, Physics, and Chemistry.
- 68 Color coat holders in Sports, cultural activities.
- 121 students in Merit list.
- District Level” Swaccha Vidyalaya” Award under Swachha Bharat Abhiyan (2017-18)
- Best Volunteer Award by SGBAU (2018)
- Utkrushta Sewa Gaurav Puraskar (Excellent Service Award) to Principal Dr. M. S. Ali, -2018.



- Best Innovative College Award 2019
- Best Magazine Award (2018-19, 2019-20)
- Outstanding IETE student Forum Award. (2019-20)
- Emerging Technologies courses like Information Technology and Data Science introduced (2020 -2022)
- 37 Patents

#### IV. Other achievements

- IBM Cloud Application Developer – 20 faculties (2019-20)
- Infosys Springboard certification -1750+ students (2021-22)
- Huawei ICT Academy certification - 212 students (2021-22)

#### Concluding Remarks :

- The Institute being permanently affiliated to the University has well prescribed mechanism for effective planning and implementation of curriculum that provides diverse learning opportunities to the students.
- The academics is strongly supported by an effective administrative mechanism through inclusive and participative management.
- Looking at the New Education Policy (NEP 2020) and the emerging industrial requirements, the Institute has a strong Innovation and Entrepreneurship Cell supported by Business Incubation Unit, which inculcates entrepreneurship mindset among budding engineers.
- The faculty is well motivated for research and development with outcome based research culminating into Ph.D degrees, patents and copyrights.
- The Institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and ragging. This makes PRMCEAM a sought-after destination for Engineering and Technical courses in the region of Vidarbha.
- Acknowledging the educational social responsibility, the Institute through its NSS Unit is proactively involved in addressing the social issues and contributing feasible solutions wherever possible
- The on-campus placement provides a strong alumni support who are our ambassadors across the globe.
- In our endeavour to become a Center of Excellence in Engineering Education, we continuously strive for excellence motivated by the famous quote of Dr. A.P.J Abdul Kalam which inspires as “*Excellence Happens Not by Accident. It is a Process.*”

## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.2.1	<p><b>Number of Add on /Certificate/Value added programs offered during the last five years</b></p> <p>Answer before DVV Verification : 2313 Answer After DVV Verification :18</p>																				
1.2.2	<p><b>Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years</b></p> <p><b>1.2.2.1. Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years</b> Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>635</td> <td>722</td> <td>377</td> <td>380</td> <td>199</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>635</td> <td>722</td> <td>377</td> <td>386</td> <td>199</td> </tr> </tbody> </table> <p>Remark : Input is edited from data template.</p>	2021-22	2020-21	2019-20	2018-19	2017-18	635	722	377	380	199	2021-22	2020-21	2019-20	2018-19	2017-18	635	722	377	386	199
2021-22	2020-21	2019-20	2018-19	2017-18																	
635	722	377	380	199																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
635	722	377	386	199																	
1.3.2	<p><b>Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)</b></p> <p><b>1.3.2.1. Number of students undertaking project work/field work / internships</b> Answer before DVV Verification : 710 Answer after DVV Verification: 724</p>																				
2.1.1	<p><b>Enrolment percentage</b></p> <p><b>2.1.1.1. Number of students admitted year wise during last five years</b> Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>439</td> <td>322</td> <td>251</td> <td>372</td> <td>378</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>439</td> <td>322</td> <td>251</td> <td>372</td> <td>378</td> </tr> </tbody> </table> <p><b>2.1.1.2. Number of sanctioned seats year wise during last five years</b> Answer before DVV Verification:</p>	2021-22	2020-21	2019-20	2018-19	2017-18	439	322	251	372	378	2021-22	2020-21	2019-20	2018-19	2017-18	439	322	251	372	378
2021-22	2020-21	2019-20	2018-19	2017-18																	
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439	322	251	372	378																	

2021-22	2020-21	2019-20	2018-19	2017-18
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2.1.2 **Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)**

2.1.2.1. *Number of actual students admitted from the reserved categories year - wise during the last five years*

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
351	253	209	316	302

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
351	253	209	314	302

2.1.2.2. **Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
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2.4.1 **Percentage of full-time teachers against sanctioned posts during the last five years**

2.4.1.1. **Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
106	140	104	104	144

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
104	105	116	125	115

2.4.2 **Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)**

2.4.2.1. **Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

25	24	23	19	15
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Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
25	23	21	17	13

Remark : Input is edited by the supporting documents.

3.4.3 **Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years**

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
42	29	34	23	33

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
41	31	34	23	34

Remark : Input is edited from clarification documents.

5.1.1 **Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years**

5.1.1.1. **Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
1695	1531	1327	1459	1495

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1678	1509	1279	1421	1435

5.2.1 **Percentage of placement of outgoing students and students progressing to higher education during the last five years**

**5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
253	145	173	158	80

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
253	145	174	160	80

**5.2.1.2. Number of outgoing students year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
523	494	416	448	490

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
523	494	416	448	490

Remark : input is edited as per supporting documents.

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

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
7	0	17	29	25

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
7	0	16	29	28

Remark : input is edited from clarification documents.

**5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
39	0	53	50	40

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
30	0	53	50	40

**6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years****6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
25	12	26	16	15

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
20	12	26	16	15

**6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years****6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
46	67	68	58	26

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
46	67	68	260	32

**6.3.3.2. Number of non-teaching staff year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
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## 2.Extended Profile Deviations

ID	Extended Questions
1.1	<b>Number of teaching staff / full time teachers during the last five years (Without repeat count):</b> Answer before DVV Verification : 117 Answer after DVV Verification : 122