

### YEARLY STATUS REPORT - 2020-2021

### Part A

### **Data of the Institution**

1. Name of the Institution INTERNATIONAL CENTRE OF

EXCELLENCE IN ENGINEERING AND

**MANAGEMENT** 

• Name of the Head of the institution Dr. C. S. Padmawat

• Designation Director(in-charge)

• Does the institution function from its own Yes

campus?

• Phone no./Alternate phone no. 02402558103

• Mobile no 9403770201

• Registered e-mail director@iceemabad.com

• Alternate e-mail cspadmawat@gmail.com

• Address Gut No. 4, Opp. Bajaj Auto Main

Gate, Pune Highway, Waluj

M.I.D.C.

• City/Town Aurangabad

• State/UT Maharashtra

• Pin Code 431136

2.Institutional status

• Affiliated / Constituent Affiliated

• Type of Institution Co-education

• Location Rural

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• Financial Status

Self-financing

• Name of the Affiliating University Dr. Babasaheb Ambedkar Marathwada

Unversity, Aurangabad,

Maharashtra

• Name of the IQAC Coordinator Prof. H. L. Jadhav

• Phone No. 02402558123

• Alternate phone No. 02402558103

• Mobile 7020475138

• IQAC e-mail address deanacademics@iceemabad.com

• Alternate Email address hodetc@iceemabad.com

3. Website address (Web link of the AQAR

(Previous Academic Year)

https://www.iceemabad.com/IQACDoc

uments.php

4. Whether Academic Calendar prepared

during the year?

Yes

• if yes, whether it is uploaded in the Institutional website Web link:

https://www.iceemabad.com/IQACDoc

uments.php

#### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	В	2.26	2019	28/03/2019	27/03/2024

### 6.Date of Establishment of IQAC

05/06/2017

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

Institutional/Depa rtment /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
00	00	00	00	00

Yes

### 8. Whether composition of IQAC as per latest

**NAAC** guidelines

• Upload latest notification of formation of <u>View File</u>

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**IQAC** 

### 9.No. of IQAC meetings held during the year 2

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?
- If No, please upload the minutes of the meeting(s) and Action Taken Report

No File Uploaded

10. Whether IQAC received funding from any of the funding agency to support its activities during the year?

• If yes, mention the amount

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

1. Start-Ups 2. Patenting 3. Online Learning & Development Activities. 4. Webinar for other colleges.

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

Plan of Action	Achievements/Outcomes
Planned to Start-Ups	Start-ups have been started by faculties such as Agriculture,  Recruitment firm
Planned to registered the Patent	One faculty has been successfully got the patent.
Planned Online Learning/Teaching Activities due to COVID-19	Conducted the activities which helps the students and faculties for online teaching & learning.
Planned Online Learning/Teaching Development Activities due to COVID-19	Conducted the development activities which enhance and help for teaching online.
Planned to conduct webinars for junior colleges	Conducted various webinar for 11th, 12th colleges for career guidelines, motivations, SWOT analysis, etc.

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

Yes

• Name of the statutory body

Name	Date of meeting(s)
COLLEGE DEVELOPMENT COMMITTEE	02/10/2021

### 14. Whether institutional data submitted to AISHE

Part A			
Data of the	Institution		
1.Name of the Institution	INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT		
Name of the Head of the institution	Dr. C. S. Padmawat		
• Designation	Director(in-charge)		
Does the institution function from its own campus?	Yes		
Phone no./Alternate phone no.	02402558103		
Mobile no	9403770201		
Registered e-mail	director@iceemabad.com		
Alternate e-mail	cspadmawat@gmail.com		
• Address	Gut No. 4, Opp. Bajaj Auto Main Gate, Pune Highway, Waluj M.I.D.C.		
• City/Town	Aurangabad		
State/UT	Maharashtra		
• Pin Code	431136		
2.Institutional status			
Affiliated /Constituent	Affiliated		
Type of Institution	Co-education		
• Location	Rural		
• Financial Status	Self-financing		
Name of the Affiliating University	Dr. Babasaheb Ambedkar		

					MANAGEMEN
				Unversity, , Maharasht	ra
• Nan	ne of the IQAC Coo	ordinator	Prof. H. L	. Jadhav	
• Pho	ne No.		0240255812	3	
• Alte	ernate phone No.		0240255810	3	
Mobile		7020475138			
• IQAC e-mail address		deanacadem	deanacademics@iceemabad.com		
Alternate Email address		hodetc@ice	emabad.com		
3.Website address (Web link of the AQAR (Previous Academic Year)		https://ww cuments.ph		.com/IQACDo	
4. Whether Academic Calendar prepared during the year?		Yes			
• if yes, whether it is uploaded in the Institutional website Web link:		https://ww cuments.ph		.com/IQACDo	
5.Accredita	ation Details		•		
Cycle	Grade	CGPA	Year of	Validity from	Validity to

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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Institutional/Dep artment /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
00	00	00	00	00

8.Whether composition of IQAC as per latest NAAC guidelines	Yes
Upload latest notification of formation of IQAC	View File
9.No. of IQAC meetings held during the year	2

Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes
If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded
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If yes, mention the amount	

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statutory body?	

Name of the statutory body

Name	Date of meeting(s)
COLLEGE DEVELOPMENT COMMITTEE	02/10/2021

#### 14. Whether institutional data submitted to AISHE

Year	Date of Submission
2020	31/12/2020

### 15. Multidisciplinary / interdisciplinary

According to the National Educational Policy 2020, the college is getting ready to add multidisciplinary subjects to its curriculum in order to help students develop their overall abilities, including their intellectual, aesthetic, social, physical, emotional, and moral ones, in an integrated manner. The institution intends to establish short-term and vocational courses while taking the issues that the students experience into consideration. The objective is to equip the students so they can forge a path toward self-employment rather than relying solely on government employment. The College is attempting to identify the program learning outcomes, along with courses and unit learning outcomes, that describe the precise information, abilities, attitudes, and values that are to be acquired by the students as it prepares itself to offer more multidisciplinary disciplines.

#### 16.Academic bank of credits (ABC):

The institution must wait for approval from the academic council before implementing the Academic Bank of Credits. The institution's pedagogy is student-centered, and the pedagogies of the faculties are constructivist, inquiry-based, reflective, collaborative, and integrative. The learning outcomes of the students are assessed using summative and formative exams and assignments.

#### 17.Skill development:

Since the college's mission is to advance quality, value-based education, it makes an attempt to instil optimism in its students. The college further observes national holidays

including Republic Day and Independence Day. Taking part in events like World Aids Day, and Environment Day, and commemorating the birthdays and deaths of our national leaders all help kids develop positive character traits. The college also uses mentoring as one of its techniques to help students make the most of their education and explore their options for career after graduation.

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

Regarding the adoption of Indian languages, the college offers a variety of Indian language subjects in degree programs, including Garo, Assamese, and Bengali. One of the College's future goals is to preserve and promote languages.

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

The college also works to help students develop a positive outlook and other traits that will help them lead successful lives, as well as the understanding that learning is a lifelong activity. One of the program outcomes for the students is to understand, analyse, evaluate, and develop responsibility and effective citizenship.

#### 20.Distance education/online education:

The College is also getting ready to start providing online mode teaching in due time. Google Classroom, Zoom, and Google, using videos as teaching and learning aids, group collaboration and interaction, assignment and revision, as well as the conducting of assessments are some of the institutional efforts towards blended learning that are made with the convenience of the students in mind.

#### **Extended Profile**

#### 1.Programme

1.1

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

File Description	Documents
Data Template	<u>View File</u>

#### 2.Student

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2.1

### Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<u>View File</u>

2.2

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

File Description	Documents
Data Template	<u>View File</u>

2.3

Number of outgoing/final year students during the year

File Description	Documents
Data Template	<u>View File</u>

#### 3.Academic

3.1

Number of full time teachers during the year

File Description	Documents
Data Template	<u>View File</u>
Data Template	<u>View File</u>

3.2

Number of sanctioned posts during the year

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Extended Profile		
1.Programme		
1.1		5
Number of courses offered by the institution across all programs during the year		
ile Description Documents		
Data Template		<u>View File</u>
2.Student		
2.1		710
Number of students during the year		
File Description	Documents	
Institutional Data in Prescribed Format		<u>View File</u>
2.2		127
Number of seats earmarked for reserved catego State Govt. rule during the year	ry as per GOI/	
File Description	Documents	
Data Template	<u>View File</u>	
2.3 230		230
Number of outgoing/ final year students during the year		
File Description	Documents	
Data Template	Template <u>View File</u>	
3.Academic		
3.1		47
Number of full time teachers during the year		
File Description	Documents	
Data Template		View File

	WANAGE
3.2	38
Number of sanctioned posts during the year	
File Description	Documents
Data Template	<u>View File</u>
4.Institution	
4.1	16
Total number of Classrooms and Seminar halls	
4.2	30
Total expenditure excluding salary during the y lakhs)	ear (INR in
4.3	285
Total number of computers on campus for acad	emic purposes

#### Part B

#### **CURRICULAR ASPECTS**

#### 1.1 - Curricular Planning and Implementation

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

ICEEM focuses on effective curriculum delivery through a wellplanned process, with teachers creating teaching plans for faculty members and adhering to Dr. BAMU University rules. They use various teaching methodologies, such as field visits, research presentations, and problem-solving tasks, to enhance students' understanding of subjects. The institute provides infrastructure, such as a language lab, advanced software, and materials, and encourages MOUs with industries for better training in core fields. The academic in-charge monitors syllabus coverage and supports the teaching learning process, while the Head of Department ensures proper functioning and design corrective measures. Faculty development programs (FDPs) are conducted, and feedback from students, faculty, and stakeholders is collected to address issues. ICEEM supports research-oriented projects that contribute to social and national development.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	NIL

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

The University's academic calendar includes commencement dates, internship schedules, and semester-end examinations. ICEEM adheres to this calendar, planning activities like Continuous Internal Evaluation (CIE). Faculty members plan course delivery, research, and co-curricular activities, with department heads monitoring syllabus completion. CIE includes Internal Assessment tests, assignments, quizzes, and seminars. Laboratory courses, project work, seminars, and internships also undergo continuous evaluation, with laboratory experiments and viva being major components. The Principal reviews semester progress and incorporates necessary changes in case of university revisions.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	NIL

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

D. Any 1 of the above

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

### 1.2 - Academic Flexibility

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

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

04

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

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

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

00

File Description	Documents
Any additional information	<u>View File</u>
Brochure or any other document relating to Add on /Certificate programs	<u>View File</u>
List of Add on /Certificate programs (Data Template )	<u>View File</u>

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

00

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

#### 1.3 - Curriculum Enrichment

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

The Institute of Management Information Technology (MITE) integrates socially relevant issues like ethics, human values, and environment across UG and PG programs. Human values and professional ethics are addressed through courses like "Constitution of India, Professional Ethics and Cyber Law" in engineering and "Workplace Ethics & Value System" in MBA schemes. Environmental and sustainability issues are addressed through "Environmental Studies" in the V semester. MITE promotes gender equity through curricular and co-curricular activities, such as flexible seating arrangements, equal leadership representation, and mutual respect. The institute also organizes awareness programs, such as NSS activities, Swachh Bharath Abhiyan, blood donation, and health awareness camps, to create an inclusive environment for regional and socioeconomic diversities.

File Description	Documents
Any additional information	<u>View File</u>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<u>View File</u>

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

00

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

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

31

File Description	Documents
Any additional information	<u>View File</u>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<u>View File</u>

### 1.4 - Feedback System

# 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

#### A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.iceemabad.com/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<u>View File</u>
Any additional information	<u>View File</u>

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<u>View File</u>
URL for feedback report	https://www.iceemabad.com/

#### TEACHING-LEARNING AND EVALUATION

- 2.1 Student Enrollment and Profile
- 2.1.1 Enrolment Number Number of students admitted during the year
- 2.1.1.1 Number of students admitted during the year

69

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

20

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

#### 2.2 - Catering to Student Diversity

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

ICEEM admits students from various economic and community backgrounds, including backward categories like ST, SC, and OBC. The college is committed to their overall growth and social

upliftment. Students are admitted without considering caste, creed, gender, religion, or social and economic status. After the admission process, regular classes commence according to the college timetable. ICEEM uses a process to identify slow and advanced learners, based on classroom responses and class test performance. Teachers conduct remedial lectures for weaker students, ensuring students easily understand the lessons. Advanced learners are encouraged to discuss their concerns freely with teachers, refer to advanced textbooks and journals, and prepare home assignments and projects. They are encouraged to participate in competitive examinations and participate in seminars and industrial projects. Teachers conduct various activities for slow learners, including individual counseling, remedial coaching, expert lectures, NPTEL lectures, extra notes, internal examinations, online lectures, NSS participation, sports and academic activities, and extra library books. For advanced learners, they participate in seminars, participatory learning sessions, projects, assessments, group discussion sessions, and advance questions papers.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

Number of Students	Number of Teachers
710	47

File Description	Documents
Any additional information	<u>View File</u>

#### 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

ICEEM College offers an effective platform for students to develop the latest skills, knowledge, attitude, and values to shape their behavior effectively. The Engineering and MBA departments conduct innovative programs that enhance students' problem-solving abilities and encourage participative learning.

ICEEM organizes programs and functions that showcase students' learning through innovative projects and encourages participation in inter-college and national level competitions. The college focuses on student-centric methods to enhance lifelong learning skills.

Experimental learning is supported by expert lectures, industrial projects, add-on courses, and certification courses by market experts. Participatory learning involves seminars, projects, skill-based add-on courses, and quiz competitions. Problem-solving methods include expert lectures, motivational lectures, case studies discussions, and mini projects. ICEEM's focus on student-centric methods ensures that students are equipped with the necessary skills and knowledge to shape their behavior effectively.

File Description	Documents
Upload any additional information	<u>View File</u>
Link for additional information	
	NIL

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

ICEEM thinks the students should be to learn and adopt the latest technologies in order to fill the bridge between industries & academia. For that ICEEM faculties are combining technology & traditional modes to engage students in long term learning. Information and Communication Technology (ICT) is used to support, enhance, and optimize the delivery of instruction.

BelowICT tools are available on campus:

Projectors are available in different classrooms/labs,Computer Lab and Faculty cabins all over the campus, Seminar Roomsare equipped with all digital facilities. Smart Boards are installed on the campus,Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom,NPTEL, E-Library platform, Digital Library resources.

.ICT tool used by Faculties:

PPT presentations- Faculties are offered to use power-point

presentations in their teaching. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

Industry-college Interaction- Seminar halls and Board roomare digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

Zoom / Google meet applications.

Video lecture- Online live lecture & recording of video lectures is made for students.

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

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

#### 2.3.3.1 - Number of mentors

47

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

### 2.4 - Teacher Profile and Quality

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

47

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

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

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

3

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

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

### 2.4.3.1 - Total experience of full-time teachers

128

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

#### 2.5 - Evaluation Process and Reforms

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

ICEEM has a transparent and robust evaluation process, with internal assessments developed and instructed to students. The admissions process is merit-based, and students are assessed continuously through various college and university-level processes, including unit tests, assignments submission, field visits, and seminars presentations. The weightage for unit tests varies according to the faculty. Students receiving personal guidance are given after their assessment. Second/third-year students are asked to deliver seminars on relevant subjects, and teachers provide topics for PowerPoint presentations. Internal assessment is conducted through interaction with students, which helps teachers evaluate students correctly, increasing attendance in classes and enabling students to participate in cocurricular and extra-curricular activities for personality development. Seminar presentations also improve students' communication skills, which are essential for interviews.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	
	NIL

### 2.5.2 - Mechanism to deal with internal examination related grievances is transparent, timebound and efficient

ICEEM addresses grievances in both internal and external evaluations. Students can self-assess their class test answer sheets and contact the subject teacher for internal assessment issues. Unresolved grievances are referred to the Vice Principal through the Department Head. Students can apply for verification of answer books, obtain photocopies, or challenge the evaluation. Candidates can apply within 30 days of receiving their examination results in the prescribed form for verification of marks. The results are communicated to the candidate within 30 days. Students can also apply for photocopies of previous examination marks, which are supplied upon payment of non-refundable fees. The application form is available to students, and the duly filled and signed form must be submitted to the Principal within 12 days of the declaration of the general results. If students are not satisfied with their marks, they can challenge them by applying to the university through the Principal within 8 days of the issuance of the photocopy.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	
	<u>NIL</u>

#### 2.6 - Student Performance and Learning Outcomes

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

The development expected in students on completion of the program of study is informally repeated by teachers to make students aware of the same. Teachers prepare learning objectives of the subjects they teach and the same is shared with students. It is also documented in academic activities files. General expectations of student enrichment are displayed on the campus at places frequently visited by students. Students learning outcome of the program of study is shared with students in the department by teachers. In addition to this, all the key stakeholders are made familiar with program outcomes through faculty workshops, student workshops, student induction programs, faculty meetings, parent teacher interaction, Industry interaction etc.. The Course Outcomes are communicated to the students by the respective faculty . In addition to this the course outcomes of all subjects are hosted in the respective department website, Lesson plan of a course contains the Cos and each class is marked according to the Cos. Course outcomes of laboratory courses are published in the respective laboratory and in the lab Manual/Student Lab record.

https://www.iceemabad.com/NAACSupportingDocuments.php

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	NIL
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

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

The assessment of Program Outcomes (POs) and Program Specific Outcomes involves direct and indirect methods. Direct methods involve direct examinations or observations of student knowledge or skills against measurable course outcomes. These knowledge and skills are then mapped to specific problems on university exams, internal exams, and home assignments. The Program Assessment Committee concludes the PO attainment level.

Assignments are given at the end of each module, and students refer to text books and reference books to understand the expected outcomes. Three internal tests are conducted per semester to ensure students have achieved desired competencies at the module level and evaluate if corresponding COs are achieved. Mapping is carried out with the respective COs to assess the attainment level of the specific CO of the subject.

Alumni surveys are an important assessment tool to determine the relevance of the curriculum with industry skills and the attainment of goals for the specified program. Employer surveys are conducted to assess the knowledge, skill, and attitude learned from the institution. The student exit survey aims to identify factors for future strategy framing and understand the impact of training on the strength and weakness of value-added courses and pre-placement training.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	NIL

#### 2.6.3 - Pass percentage of Students during the year

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

211

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File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	NIL

#### 2.7 - Student Satisfaction Survey

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

https://www.iceemabad.com/IQACDocuments.php

#### RESEARCH, INNOVATIONS AND EXTENSION

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

00

File Description	Documents
Any additional information	<u>View File</u>
e-copies of the grant award letters for sponsored research projects /endowments	<u>View File</u>
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

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

00

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

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

00

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	NIL

#### 3.2 - Innovation Ecosystem

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

Shri Bhujangrao Kulkarni Innovation Incubation and Entrepreneurship Cell at ICEEM (SBK-UEC@ICEEM), as an offbeat practice, vows to provide and maintain and ecosystem to identify market niche, module training/mentorship to early stage technical students in order to develop innovative and entrepreneurial mindset, apart from supporting ready techno startups. Faculty members of SBK-IIEC@ICEEM and experts from industries/institutions will mentor and closely monitor for specific product development Up-gradation & Development of Faculty/Students Research Products: The faculty/Students research products will upgrade and customize as requirement of the market for commercialization Business Plan Development: The students of MBA program of ICEEM along with a management consultant will help incubators to strengthen their business plan after conducting market surveys, if required, and financial plan. Business Promotion: SBK-IIEC@ICEEM Will help to find

business partners & venture capitalists and will provide consultancy on business promotion with the help Of the MBA students & faculties Of ICEEM and consultants. Entrepreneurial Promotion / Awareness Programs: SBK-IIEC@ICEEM will target to help in the development of entrepreneurial ecosystem by enabling easy and efficient interaction between its major components spanning students, working professionals, aspiring and existing entrepreneurs, mentors, angel investors, venture capital firms and corporate through initiatives like interactive sessions, competitions, conferences Intellectual Property Right Cell

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.iceemabad.com/index.php

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

17

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

- 3.3 Research Publications and Awards
- 3.3.1 Number of Ph.Ds registered per eligible teacher during the year
- 3.3.1.1 How many Ph.Ds registered per eligible teacher within the year

00

File Description	Documents
URL to the research page on HEI website	NIL
List of PhD scholars and their details like name of the guide, title of thesis, year of award etc (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>

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

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

5

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

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

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

11

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

#### 3.4 - Extension Activities

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

The ICEEM College organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runsNational Service SchemeUnit. Through these units, the college undertakes various extension activities in the neighborhood community. Due to COVID-19Online participating in International Yoga day students become global stakeholders in ensuring sound mind in a healthy body In between relaxation from COVID-19 lockdown students participated inSwachh Bharat initiatives.

All these mentioned activities have positive impact on the students and it developed student community relationship, leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness.

File Description	Documents
Paste link for additional information	https://www.iceemabad.com/index.php
Upload any additional information	<u>View File</u>

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

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

00

File Description	Documents
Any additional information	<u>View File</u>
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	<u>View File</u>

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

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

00

File Description	Documents
Reports of the event organized	<u>View File</u>
Any additional information	<u>View File</u>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

- 3.4.4 Number of students participating in extension activities at 3.4.3. above during year
- 3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

00

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

#### 3.5 - Collaboration

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

21

File Description	Documents
e-copies of related Document	<u>View File</u>
Any additional information	<u>View File</u>
Details of Collaborative activities with institutions/industries for research, Faculty	<u>View File</u>

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

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

15

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

#### INFRASTRUCTURE AND LEARNING RESOURCES

#### 4.1 - Physical Facilities

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

Classrooms: college encompasses sufficient number of well-furnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels. Central Library: Our central library (imsec.ac.in/campus/library) is fully computerized by automating the issue of books with bar code reader. The library has 5346 titles covering all major fields of Science and Engineering. Excellent Resources are available for self-learning at Central library? Access to library and books from book bank - Library has a collection of 5346 book titles (76782 volumes) covering all major fields of

science and engineering. ? Access to NPTEL Video/Web Course (511 Title Video & 418 Title Web) ? Membership of National Digital Library ? Local chapters of NPTEL, EdX and Coursera (access to free certifications) ? Nalanda E-Consortium of AKTU - access to popular Digital libraries like IEEE Explore, Springer Nature, ASCE, ASME, Elsevier, Science Direct, Taylor Francis, JSTOR etc., ? National Digital Library www.ndl.iitkgp.ac.in

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

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

We have a spacious and well equipped Sports room, where pupils can play In door games like table tennis, chess, caroms etc., We have a Yoga Class room where students and faculty members do meditate and even practice yoga. Qualified sports teacher are appointed to take care of day to day games and sports activities of the college. Cultural Activities: Students are very much encouraged to participate in the cultural events held in the college like Technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents but due to COVID this year the events were skipped. , We got some clubs/Committees to enhance the hidden talent of the students namely: Gonna Literacy & Cultural Committee and Sports & Games Committee who play an excellent role for over all development of the student's community.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

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

20

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File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

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

#### 0.14

File Description	Documents
Upload any additional information	<u>View File</u>
Upload audited utilization statements	<u>View File</u>
Upload Details of budget allocation, excluding salary during the year (Data Template	<u>View File</u>

### 4.2 - Library as a Learning Resource

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

No Updation due to COVID-19.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	NIL

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership ebooks Databases Remote access toeresources E. None of the above

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

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

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

00

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

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

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

00

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

### 4.3 - IT Infrastructure

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

No Updation due to COVID-19.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

### **4.3.2 - Number of Computers**

#### 278

File Description	Documents
Upload any additional information	<u>View File</u>
List of Computers	<u>View File</u>

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

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

### 4.4 - Maintenance of Campus Infrastructure

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

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

#### 0.14

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

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

The college has appointed several staff to maintain infrastructure in the form of building maintenance, transportation, furniture and generator operators in the event of a power outage. The people who work here on the maintenance of the college will regularly report broken instruments and devices to the higher authority. We also have five people for transportation, two people for computer maintenance and fifteen people for housekeeping, maintenance of sensitive equipment, power and water supply, etc. We have generator for constant power supply of 67 KVA, RO plant for constant water supply of 2000 LPH and threeUPS for computer backup 20 KVA, 200 KVA and 7 KVA with elevator for 6 people. To ensure maximum availability of the systems in the laboratory, preventive maintenance and outage maintenance procedures are implemented. Periodic maintenance is carried out through regular cleaning of the laboratory rooms, software updates and anti-virus updates.Maintenance of electrical and electronic equipment:-Regular checking of the equipment is carried out at the end of each semester. Computer maintenance is handled by the IT and COMPUTER department.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

#### STUDENT SUPPORT AND PROGRESSION

#### 5.1 - Student Support

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

771

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

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

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

359

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

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

		_	_	_
7 7	77			above
A - A		CIT	THE	anove

File Description	Documents
Link to Institutional website	https://www.iceemabad.com/index.php
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

105

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

105

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

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	<u>View File</u>

#### 5.2 - Student Progression

#### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

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#### 42

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student placement during the year (Data Template)	<u>View File</u>

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

#### 5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	<u>View File</u>
Any additional information	<u>View File</u>
Details of student progression to higher education	<u>View File</u>

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

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

6

File Description	Documents
Upload supporting data for the same	<u>View File</u>
Any additional information	<u>View File</u>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

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#### **5.3 - Student Participation and Activities**

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

00

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at univ ersity/state/national/internation al level (During the year) (Data Template)	<u>View File</u>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

As per the provisions set under section 40(2)(b) of Maharashtra University Act 1994, There is the establishment of a student council every year.

The purpose of the Students Council (SC) is to provide programs, activities, and services which serve the co-curricular, cultural, social, recreational, and educational interests of students at the University and Colleges. The SC seeks to contribute to the development of students' leadership skills and experience, program planning and development, volunteering, and fiscal management.

"Students' Council" means the Students' Council established under section 99 of the Maharashtra Public Universities Act, 2016 (Mah Act? VI of 2017). The act was passed on Thursday 08-12-2016 with a view to improving the quality of higher education. The act has a number of innovative sections for the betterment of students, teachers, colleges, and Universities. Section 99 of the act provides for the formation of a student

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union or associated student body, which is distinctively called as Students' Council. There shall be a University Students' Council and a College Students' Council for each affiliated college to look after the welfare of the students and to promote and coordinate the extra-curricular activities of different student associations for better corporate life.

ICEEM ensures students' representation and engagement in various administrative, co-curricular, and extracurricular activities.

But due to covid norms and restrictions Student Council was not formed during the AY 2020-2021. Because due to covid university did not issue any circular regarding the formation of a student council and conducting elections for the council.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

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

00

File Description	Documents
Report of the event	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

#### 5.4 - Alumni Engagement

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

The Alumni Association of ICEEM i.e. "AAI" is registered with the Registrar of Societies. Training & Placement cell in coordination with the departments organizes alumni meet every two year for interacting with the alumnus. Alumni meet involves dinner or lunch for the alumnus; different singing and dancing events where in alumni participate and share their testimonials. Also, regular meeting of chapter are called to review the activities of the current year and plan the activities for the forthcoming year. AAI contributes to ICEEM in various ways like, 1.Alumni interact with the HODs, staff and students and give them information regarding current trends and practices in the industries in which they work, make them aware of the current industry scenario and guide them in preparing for campus interviews.

- 2. They discuss different technical issues, providing guidance regarding higher studies, competitive exams, entrepreneurship and placements.
- 3. Alumni helps the department to identify the industries for students to undergo in plant training.
- 4. Alumni arrange for visit to the industry where they are employed.
- 5. They promote the institute in their vicinity of industry and living area resulting in increase in the rapport of institute with industries.

File Description	Documents
Paste link for additional information	NIL.
Upload any additional information	<u>View File</u>

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

File Description	Documents
Upload any additional information	<u>View File</u>

#### GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 - Institutional Vision and Leadership

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

#### Vision

To be a leading institute of Technical, Management, and Research to serve the need of the Academia, Industry and the Society.

#### Mission

To establish a modern infrastructure to nurture an environment of Techno-Managerial skills coupled with Professionalism, Innovation and high moral & ethical values. We, at ICEEM, are committed to:

- Impart Academic Excellence in Technical and Management education.
- To inculcate high moral, ethical and professional standards among our students for holistic development.
- To evolve the institution to the level of an independent identity.
- Our Resources Our Students.
- Our Capital Our People.

•

File Description	Documents
Paste link for additional information	https://www.iceemabad.com/index.php
Upload any additional information	<u>View File</u>

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

Decentralization is emphasized by ICEEM to provide equal

participation in institution operation. Infrastructure, facilities, and financial management are managed by management committees and college governing councils with the goal of enhancing amenities and advancing teaching-learning and researchrelated activities. The Director serves as the IQAC's chairperson and secretary, making sure that decisions regarding academic and administrative matters are made unanimously. There are numerous committees, including the Internal Quality Assurance Cell, College Students Monitoring Committee, Sports Committee, Library Management, NSS Activities, Students Welfare, Admission, Women's Grievance, Anti-Ragging, Accreditation, Affiliation, Website Development, Alumni Association, and Students Grievance Redressal. To demonstrate their skills, faculty members are represented on committees and units including Training and Placement, Discipline, and College Infrastructure. Decentralization is promoted by giving students the authority to take on significant responsibilities in a variety of activities. General Secretary, Cultural Secretary, Sport's Secretary, Ladies Representative, Presidents and Council members of departmental student associations, Canteen maintenance secretary, and Departmental Association Participative Management are just a few of the clubs and committees. By include employees and students in activities, the institute promotes a participative management culture where choices are made based on facts, information, &goals. Staff suggestion box for improvement in admission, discipline, grievance, and library services.

File Description	Documents
Paste link for additional information	https://www.iceemabad.com/index.php
Upload any additional information	<u>View File</u>

#### 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/perspective plan is effectively deployed

Strategy Type

Details

Admission of Students

Admission committee follows AICTE/DTE norms, guides IQA, decides admission process, fees structure, orientation, and counsels students on programs.

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Industry Interaction / Collaboration

College establishes MoUs with core industries for professional development.

Human Resource Management

The Institute appoints qualified faculty through open advertisement and interviews, organizes FDP programs, provides medical leave, on duty, and offers vacations and compensation.

Library, ICT and Physical Infrastructure

#### / Instrumentation

Library has extensive collection, automated housekeeping, N-LIST subscription, 5 connected classrooms, and 2 smart classrooms.

Research and Development

Innovation and Incubation Cell promotes research among students, faculty, and encourages publication.

Examination and Evaluation

The examination committee conducts two annual meetings to ensure smooth examinations, reduces malpractices, and assigns internal marks based on assessment and attendance.

Teaching and Learning

IQAC plans and supervises activities to improve college education through FDP, Student Centric Method, and Innovative Teaching methodologies.

Curriculum Development

College has ARC committee for curriculum execution, five affiliated programs, and IQAC promotes co-curricular initiatives, with management actively implementing feedback.

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

Institutional management is transparent, hierarchical, and effective, with a governing body and organizational structure. The college's administrative positions include the governing body, secretariat, director, and committees. The governing body oversees university affiliation, budgets, selections, promotions, and new programs. The secretary handles administration, development, and growth, while the director ensures departmental budgets, monitors progress, and coordinates examinations. Committees have well-defined roles and responsibilities, with faculty members in charge. The Department Head prepares workloads, allocates it, coordinates with library committees, prepares student Handbooks, standardizes course materials, and conducts remedial classes. The Institute has IQAC, which documents quality improvement programs, conducts internal audits, and monitors classwork organization. The institution has its own service rules, policies, and procedures for effective functioning.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	https://www.iceemabad.com/IQAC%20Charts.P
Upload any additional information	<u>View File</u>

# 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	<u>View File</u>
Screen shots of user inter faces	<u>View File</u>
Any additional information	<u>View File</u>
Details of implementation of e- governance in areas of operation, Administration etc(Data Template)	<u>View File</u>

#### **6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff Welfare measures for Teaching as follows:

- 1. Faculty members are promoted for selfdevelopment programs and higher education.
- 2. Various leaves available to teaching and nonteaching staff are vacation leave, casual leave, Earned Leaves, medical leave and maternity leave for ladies' staff.
- 3. Fees installments scheme for wards of staff.
- 4. Employee Provident Fund for teaching and nonteaching staff. Subsidized Transport facility.

Welfare measures for Non-Teaching as follows:

- 1. Accommodation facility for non-teaching staff.
- 2. Subsidized Transport facility for
- 3. Sweets are distributed to staff during Diwali festival.
- 4. Yearly Staff excursion
- 5. Payment of provident fund.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

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

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

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

18

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<u>View File</u>
Reports of Academic Staff College or similar centers	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

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

#### year

#### 17

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

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

ICEEM is committed to implementing a performance management system that improves the overall organizational performance of teams and individuals, ensuring the achievement of the organization's mission and vision. The institute follows the Performance Based Appraisal System (PBAS) proposed by AICTE, which categorizes performance into three categories: Teaching, Learning and Evaluation related activities, Co-Curricular, Extension and Professional Development related activities, and Research Publications and Academic Contributions. The weightages assigned to these categories are 100:75:300.

Data is collected from faculty members at the end of each academic year, and API scores are calculated based on the data. The Principal and senior professors set minimum API scores for faculty members in each category, which are used for career advancements and promotion to higher positions. Feedback forms are issued to students at the end of each semester, collecting information about teachers and teaching processes. A team, consisting of the Head of the Department and Senior Professor, reviews these feedback forms and suggests measures to improve the teaching-learning process.

There is no performance appraisal system for non-teaching staff in the institute.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

#### 6.4 - Financial Management and Resource Mobilization

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

ICEEM conducts internal and external audits on financial transactions annually to ensure financial compliance. The internal financial committee conducts a half-yearly internal audit, verifying income and expenditure details, and submitting the report to management through a director. An external audit is conducted once a year by an external agency. The principal submits a proposal on budget allocation every financial year, considering departmental recommendations. College budgets include recurring expenses like salary, electricity, internet, maintenance, stationery, and other consumable charges. The accounts department monitors expenses and depreciation costs. The internal audit process involves an internal financial committee auditing all vouchers on a half-yearly basis, verifying expenses under different heads and bringing discrepancies to the principal. The external audit process involves a chartered accountant regularly auditing the college's accounts, ensuring proper authorization of payments and reporting to management. The institution has not encountered major audit objections in the past. These mechanisms promote transparency and financial discipline, preventing defalcation of funds or property at all levels. The audited statement is signed by management authorities and chartered accountants.

File Description	Documents
Paste link for additional information	<u>NIL</u>
Upload any additional information	<u>View File</u>

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

#### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers

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#### during the year (INR in Lakhs)

00

File Description	Documents
Annual statements of accounts	<u>View File</u>
Any additional information	<u>View File</u>
Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template)	<u>View File</u>

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

The institute follows a well-planned process for mobilizing funds and resources, involving various committees, Department Heads, and Accounts offices. The process involves student tuition fees, need-based loans, sponsorships from government and non-government agencies, alumni contributions, and sponsorships for cultural events. A finance committee monitors the optimum utilization of funds for recurring and non-recurring expenses, while the purchase committee seeks quotations from vendors for equipment and books. The principal, finance, and purchase committees ensure expenditures fall within the allotted budget, with management intervention sought in case of exceeding the budget. The institute's resource mobilization policy and procedure includes preparing the college budget, which includes recurring expenses and planned expenses. The institute promotes research, development, consultancy, and faculty involvement, with grants for R&D and infrastructure strengthening. The institute also ensures effective utilization of infrastructure through well-qualified lab technicians and system administrators, encourages innovative teaching-learning practices, and utilizes physical infrastructure beyond regular college hours for remedial classes, co-curricular activities, parent-teacher meetings, and examination centers.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

#### **6.5 - Internal Quality Assurance System**

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

The IQAC aims to improve institutions' overall performance through conscious, consistent, and catalytic improvement. Its objectives include continuous improvement in operations, stakeholder involvement, and promoting quality enhancement and institutionalization of best practices. Benefits include clarity, internalization of quality culture, sound decisionmaking, and better internal communication. IQAC functions include developing and applying quality benchmarks, arranging feedback responses, disseminating information, organizing workshops, seminars, and preparing the Annual Quality Assurance Report (AQAR) for submission to NAAC. Strategies include timely, efficient, and progressive performance of academic, administrative, and financial tasks, ensuring relevance and quality of academic and research programs, equitable access and affordability, optimizing teaching methods, ensuring credibility of evaluation procedures, maintaining support structures and services, and research sharing and networking. Initiatives like study hours and collaborative learning aim to improve academic performance, ensure credibility of evaluation procedures, and promote research sharing and networking among institutions.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

The IQAC, the central body within the college, regularly reviews the teaching-learning process and implements innovative activities and reforms based on feedback. The institute schedules the academic calendar well in advance, accommodating events like seminars, guest lectures, workshops, FDPs, and handson series. Faculty members prepare lesson plans for each semester, enriching the curriculum with guest lectures, industrial visits, and internships. The institute has a feedback system for teachers, allowing for regular evaluations of teaching methodologies, course delivery, attitude, strengths and

weaknesses, and difficulties faced by students. The director and management monitor the feedback system and take corrective actions.

The institute monitors student performance regularly, using various methods to collect and analyze data on student learning outcomes. These include regular class tests, midterm and continuous evaluations, semester systems of examination, question banks, lecture notes, timely redress of grievances, compulsory attendance of at least 75% in each semester, and extra classes for weak students. The institute maintains an effective internal examination and evaluation system, and students' result analysis is provided after the announcement of their semester results. If students' results are not up to the mark, necessary steps are taken to identify the reasons and motivate faculty members to work towards improvement.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.iceemabad.com/
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

#### INSTITUTIONAL VALUES AND BEST PRACTICES

#### 7.1 - Institutional Values and Social Responsibilities

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

ICEEM promotes gender sensitization through cocurricular activities, such as workshops, seminars, guest lectures, street plays, poster exhibitions, and counseling. It also organizes self-defense training for girl students and conducts awareness programs on human rights, women's rights, and cyber security. The institution conducts a gender equality survey to gather student opinions and develop solutions. The institution has committees, including the Institution Grievance Redressal Committee, AntiRagging, Sexual Harassment Prevention Cell, Students' Disciplinary Committee, Women Welfare & SC/ST Students Welfare Committee, Safety & Disaster Management Committee, and Mentoring Programme. Information is disseminated through orientation and induction programs. The institution provides safety and security facilities, including CCTV surveillance, ID cards, a dedicated counseling center, and a mentoring system for students' academic, emotional, social, and cognitive development.

File Description	Documents
Annual gender sensitization action plan	For the academic year 2020-21 Internal Complaints Committee planned to organize the below mentioned programs to create awareness and consciousness about sexual harassment at work place. The following program is organized for academic year 2020-21: • Introduction of ICC to students. • Yoga Meditation Program • Health and Hygiene awareness program. • Organize Women's day program.
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Safety and security, Common Rooms

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	<u>View File</u>
Any other relevant information	<u>View File</u>

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

ICEEM is committed to maintaining a clean campus through various initiatives, including awareness programs, tree plantations, and waste management courses. The campus follows strict waste segregation, using dry and wet waste bins for recycling and composting. Paper waste is recycled or used by the creative team during college fests. The institute partners with Bisleri for the "Plastic is not bad, how you dispose of plastic is bad" campaign. Electronic goods are refurbished and reused, and non-hazardous items are used for decoration during college fests. E-

waste is collected and safely disposed of through vendors, and students learn about its disposal and limitations through seminars. The college also has a sanitary napkin dispenser for girls.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<u>View File</u>
Geo tagged photographs of the facilities	<u>View File</u>

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Any other relevant information	<u>View File</u>

#### 7.1.5 - Green campus initiatives include

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

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

File Description	Documents
Geo tagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	<u>View File</u>

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

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

A. Any 4 or all of the above

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

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

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	<u>View File</u>
Details of the Software procured for providing the assistance	<u>View File</u>
Any other relevant information	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

ICEEM has conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. As per the mandate of the university to facilitate women's education through variousmediums, there is a fee concession for female students in admissions and hostel. As per the nationwide jurisdiction of the university, the students from diverse regional and cultural backgrounds have been benefitting.

For the promotion of unity in diversity, the NSS Cell of ICEEM organizes programs like swachh bharat abhiyan. The program aims at strengthening the bond between states to strengthen the unity and integrity of India.A large number of teachers and students participated in it.

ICEEM also organized a COVID-19 vaccination camp on campus.

The various departments of the university conduct seminars, workshops, and outreach programs to promote communal harmony and tolerance.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View File</u>
Any other relevant information	<u>View File</u>

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

ICEEM is committed to providing holistic education to students, focusing on constitutional rights, values, duties, and responsibilities. This is achieved through various means, including the curriculum and extra-curricular activities. The institute offers elective subjects on cyber security, Laws, Regulations, and Sustainable Packaging, as well as courses on environmental studies. Regular programs, such as the ICC cell, educate women about their rights, and seminars and workshops on national importance. Ex-defence or police personnel are invited to share their experiences and inspire young minds to contribute to building the nation. Seminars on topics like Right to Information and sexual harassment are conducted periodically. The institute conducts constitutiondays, and the NSS Unit conducts cleanliness drives to mark Swachh Bharat Abhiyan. Students and faculty take an oath to maintain cleanliness, and various events are held to sensitize students and faculty on various topics, such as corruption, youth responsibility, child labor, society's influence on passion and dreams, social media abuse, favoritism, and mental health.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.iceemabad.com/NAACSupportingDocuments.php
Any other relevant information	NIL

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

D. Any 1 of the above

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

Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	<u>View File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<u>View File</u>
Any other relevant information	<u>View File</u>

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

ICEEM organizes national days, such as Teachers Day (5th September) to honor Dr. Sarvapalli Radhakrishanna, Engineers Day (15th September) to honor Sir M. Visvesvaraya, International Women's Day (8th March), International Yoga Day (21st June), Independence Day (15th August), Republic Day (26th January), World Environment Day (5th June), Kannaddarajotsva Day (1st November), and NSS Day (24th September). These days encourage students and faculty to break the boundaries of religion and caste, showcasing the ideas of great Indian personalities. The institute also hosts national festivals and birth/death anniversaries of great Indian personalities, highlighting the importance of national integrity and their role in the country.

In January, Republic Day commemorates the adoption of the constitution, with formal events, flaghoisting, and a "constitution awareness program" for students and staff.

Independence Day is celebrated on August 15th, with cultural activities related to the movement. Dr. Sarvpalli Radha

Krishnan's birthday is celebrated as Teacher's Day, and Gandhi Jayanti is celebrated on October 2nd to mark Mahatma Gandhi's birth anniversary. National Unity Day is celebrated on October 31st, and Engineers Day on September 15th is celebrated as an

exceptional tribute to the best Indian Engineer, Bharat Ratna Mokshagundam Visvesvaraya.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	<u>View File</u>
Any other relevant information	<u>View File</u>

#### 7.2 - Best Practices

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

The college has implemented several best practices to support deserving students, including financial aid, COVID center activities, and industry collaboration. The college aims to provide financial support to poor students, promote equality, and instill values of generosity and social responsibility. The college has also implemented a quarantine center for migrants, providing food, clothing, and medical care. The college also incorporates industry internships as part of its curriculum, ensuring students have exposure to real-life problems. The college also organizes workshops for students in emerging areas of technology and engineering, filling the gap between faculty offerings and industry requirements. The model of education integrates education with practical work experience and accommodates an enriched environment. However, challenges include sustained commitment and dedication from faculty members, active student participation, and quality teaching.

File Description	Documents
Best practices in the Institutional website	https://www.iceemabad.com/ourbestpractices.php
Any other relevant information	NIL

#### 7.3 - Institutional Distinctiveness

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

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ICEEM Institute aims to become one of the top 100 colleges in the country by 2025. The institute's unique location in the industrial hub of Waluj M.I.D.C, home to over 100 automobile companies and their ancillaries, allows for frequent meetings, seminars, and workshops with industry leaders. The college's Governing Body includes prominent industry members, who provide internships, research and development facilities, and industrial visits to keep students updated. Industry visits also help students upgrade their knowledge and stay up-to-date with industry standards. ICEEM also shares production facilities with students for final year projects, enabling students to not only achieve good marks but also contribute to society. Students from various departments register patents for their projects, enabling them to achieve new heights in their careers. Job fairs are regularly held on the ICEEM campus, with reputed companies showcasing their stalls. ICEEM provides a platform to bridge the gap between industry and academia, and students can prove their worth through interviews both on-campus and off-campus. This unique approach has made ICEEM an attractive choice for students and faculty alike.

#### Part B

#### **CURRICULAR ASPECTS**

#### 1.1 - Curricular Planning and Implementation

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

ICEEM focuses on effective curriculum delivery through a wellplanned process, with teachers creating teaching plans for faculty members and adhering to Dr. BAMU University rules. They use various teaching methodologies, such as field visits, research presentations, and problem-solving tasks, to enhance students' understanding of subjects. The institute provides infrastructure, such as a language lab, advanced software, and materials, and encourages MOUs with industries for better training in core fields. The academic in-charge monitors syllabus coverage and supports the teaching learning process, while the Head of Department ensures proper functioning and design corrective measures. Faculty development programs (FDPs) are conducted, and feedback from students, faculty, and stakeholders is collected to address issues. ICEEM supports research-oriented projects that contribute to social and national development.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	NIL

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

The University's academic calendar includes commencement dates, internship schedules, and semester-end examinations. ICEEM adheres to this calendar, planning activities like Continuous Internal Evaluation (CIE). Faculty members plan course delivery, research, and co-curricular activities, with department heads monitoring syllabus completion. CIE includes Internal Assessment tests, assignments, quizzes, and seminars. Laboratory courses, project work, seminars, and internships also undergo continuous evaluation, with laboratory experiments and viva being major components. The Principal reviews semester progress and incorporates

necessary changes in case of university revisions.

File Description	Documents
Upload relevant supporting document	<u>View File</u>
Link for Additional information	NIL

- 1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/certificate/ Diploma Courses Assessment /evaluation process of the affiliating University
- D. Any 1 of the above

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

#### 1.2 - Academic Flexibility

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

1.2.1.1 - Number of Programmes in which CBC	S/ Elective course system implemented
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04

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

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

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

00

File Description	Documents
Any additional information	<u>View File</u>
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template )	View File

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

00

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

#### 1.3 - Curriculum Enrichment

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

The Institute of Management Information Technology (MITE) integrates socially relevant issues like ethics, human values, and environment across UG and PG programs. Human values and professional ethics are addressed through courses like "Constitution of India, Professional Ethics and Cyber

Law" in engineering and "Workplace Ethics & Value System" in MBA schemes. Environmental and sustainability issues are addressed through "Environmental Studies" in the V semester. MITE promotes gender equity through curricular and cocurricular activities, such as flexible seating arrangements, equal leadership representation, and mutual respect. The institute also organizes awareness programs, such as NSS activities, Swachh Bharath Abhiyan, blood donation, and health awareness camps, to create an inclusive environment for regional and socioeconomic diversities.

File Description	Documents
Any additional information	<u>View File</u>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<u>View File</u>

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

00

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

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

31

File Description	Documents
Any additional information	<u>View File</u>
List of programmes and number of students undertaking project work/field work//internships (Data Template)	<u>View File</u>

#### 1.4 - Feedback System

# 1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.iceemabad.com/
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<u>View File</u>
Any additional information	<u>View File</u>

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

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<u>View File</u>
URL for feedback report	https://www.iceemabad.com/

#### TEACHING-LEARNING AND EVALUATION

#### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

#### 2.1.1.1 - Number of students admitted during the year

69

File Description	Documents
Any additional information	<u>View File</u>
Institutional data in prescribed format	<u>View File</u>

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

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

20

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

#### 2.2 - Catering to Student Diversity

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

ICEEM admits students from various economic and community backgrounds, including backward categories like ST, SC, and OBC. The college is committed to their overall growth and social upliftment. Students are admitted without considering caste, creed, gender, religion, or social and economic status. After the admission process, regular classes commence according to the college timetable. ICEEM uses a process to identify slow and advanced learners, based on classroom responses and class test performance. Teachers conduct remedial lectures for weaker students, ensuring students easily understand the lessons. Advanced learners are encouraged to discuss their concerns freely with teachers, refer to advanced textbooks and journals, and prepare home assignments and projects. They are encouraged to participate in competitive examinations and participate in seminars and industrial projects. Teachers conduct various activities for slow learners, including individual counseling, remedial coaching, expert lectures, NPTEL lectures, extra notes,

internal examinations, online lectures, NSS participation, sports and academic activities, and extra library books. For advanced learners, they participate in seminars, participatory learning sessions, projects, assessments, group discussion sessions, and advance questions papers.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

Number of Students	Number of Teachers
710	47

File Description	Documents
Any additional information	<u>View File</u>

#### 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

ICEEM College offers an effective platform for students to develop the latest skills, knowledge, attitude, and values to shape their behavior effectively. The Engineering and MBA departments conduct innovative programs that enhance students' problem-solving abilities and encourage participative learning. ICEEM organizes programs and functions that showcase students' learning through innovative projects and encourages participation in inter-college and national level competitions. The college focuses on student-centric methods to enhance lifelong learning skills.

Experimental learning is supported by expert lectures, industrial projects, add-on courses, and certification courses by market experts. Participatory learning involves seminars, projects, skill-based add-on courses, and quiz competitions. Problem-solving methods include expert lectures, motivational lectures, case studies discussions, and mini projects. ICEEM's focus on student-centric methods ensures that students are equipped with the necessary skills

#### and knowledge to shape their behavior effectively.

File Description	Documents
Upload any additional information	<u>View File</u>
Link for additional information	NIL

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

ICEEM thinks the students should be to learn and adopt the latest technologies in order to fill the bridge between industries & academia. For that ICEEM faculties are combining technology & traditional modes to engage students in long term learning. Information and Communication Technology (ICT) is used to support, enhance, and optimize the delivery of instruction.

BelowICT tools are available on campus:

Projectors are available in different classrooms/labs, Computer Lab and Faculty cabins all over the campus, Seminar Roomsare equipped with all digital facilities. Smart Boards are installed on the campus, Online Classes through Zoom, Google Meet, Microsoft Team, Google Classroom, NPTEL, E-Library platform, Digital Library resources.

.ICT tool used by Faculties:

PPT presentations- Faculties are offered to use power-point presentations in their teaching. They are also equipped by digital library, online search engines and websites to prepare effective presentations.

Industry-college Interaction- Seminar halls and Board roomare digitally equipped where guest lectures, expert talks and various competitions are regularly organized for students.

Zoom / Google meet applications.

Video lecture- Online live lecture & recording of video lectures is made for students.

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

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

#### 2.3.3.1 - Number of mentors

47

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

#### 2.4 - Teacher Profile and Quality

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

47

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
List of the faculty members authenticated by the Head of HEI	<u>View File</u>

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

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

3

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

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

#### 2.4.3.1 - Total experience of full-time teachers

128

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

#### 2.5 - Evaluation Process and Reforms

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

ICEEM has a transparent and robust evaluation process, with internal assessments developed and instructed to students. The admissions process is merit-based, and students are assessed continuously through various college and universitylevel processes, including unit tests, assignments submission, field visits, and seminars presentations. The weightage for unit tests varies according to the faculty. Students receiving personal guidance are given after their assessment. Second/third-year students are asked to deliver seminars on relevant subjects, and teachers provide topics for PowerPoint presentations. Internal assessment is conducted through interaction with students, which helps teachers evaluate students correctly, increasing attendance in classes and enabling students to participate in cocurricular and extra-curricular activities for personality development. Seminar presentations also improve students'

communication skills, which are essential for interviews.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	NIL

### 2.5.2 - Mechanism to deal with internal examination related grievances is transparent, timebound and efficient

ICEEM addresses grievances in both internal and external evaluations. Students can self-assess their class test answer sheets and contact the subject teacher for internal assessment issues. Unresolved grievances are referred to the Vice Principal through the Department Head. Students can apply for verification of answer books, obtain photocopies, or challenge the evaluation. Candidates can apply within 30 days of receiving their examination results in the prescribed form for verification of marks. The results are communicated to the candidate within 30 days. Students can also apply for photocopies of previous examination marks, which are supplied upon payment of non-refundable fees. The application form is available to students, and the duly filled and signed form must be submitted to the Principal within 12 days of the declaration of the general results. If students are not satisfied with their marks, they can challenge them by applying to the university through the Principal within 8 days of the issuance of the photocopy.

File Description	Documents
Any additional information	<u>View File</u>
Link for additional information	NIL

### 2.6 - Student Performance and Learning Outcomes

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

The development expected in students on completion of the program of study is informally repeated by teachers to make students aware of the same. Teachers prepare learning objectives of the subjects they teach and the same is shared with students. It is also documented in academic activities files. General expectations of student enrichment are

displayed on the campus at places frequently visited by students. Students learning outcome of the program of study is shared with students in the department by teachers. In addition to this, all the key stakeholders are made familiar with program outcomes through faculty workshops, student workshops, student induction programs, faculty meetings, parent teacher interaction, Industry interaction etc.. The Course Outcomes are communicated to the students by the respective faculty .In addition to this the course outcomes of all subjects are hosted in the respective department website, Lesson plan of a course contains the Cos and each class is marked according to the Cos. Course outcomes of laboratory courses are published in the respective laboratory and in the lab Manual/Student Lab record.

https://www.iceemabad.com/NAACSupportingDocuments.php

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	NIL
Upload COs for all Programmes (exemplars from Glossary)	<u>View File</u>

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

The assessment of Program Outcomes (POs) and Program Specific Outcomes involves direct and indirect methods. Direct methods involve direct examinations or observations of student knowledge or skills against measurable course outcomes. These knowledge and skills are then mapped to specific problems on university exams, internal exams, and home assignments. The Program Assessment Committee concludes the PO attainment level.

Assignments are given at the end of each module, and students refer to text books and reference books to understand the expected outcomes. Three internal tests are conducted per semester to ensure students have achieved desired competencies at the module level and evaluate if corresponding COs are achieved. Mapping is carried out with the respective COs to assess the attainment level of the

specific CO of the subject.

Alumni surveys are an important assessment tool to determine the relevance of the curriculum with industry skills and the attainment of goals for the specified program. Employer surveys are conducted to assess the knowledge, skill, and attitude learned from the institution. The student exit survey aims to identify factors for future strategy framing and understand the impact of training on the strength and weakness of value-added courses and pre-placement training.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional information	NIL

### 2.6.3 - Pass percentage of Students during the year

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

211

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	NIL

### 2.7 - Student Satisfaction Survey

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

https://www.iceemabad.com/IQACDocuments.php

### RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

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

00

File Description	Documents
Any additional information	<u>View File</u>
e-copies of the grant award letters for sponsored research projects /endowments	<u>View File</u>
List of endowments / projects with details of grants(Data Template)	<u>View File</u>

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

00

File Description	Documents
Any additional information	<u> View File</u>
Institutional data in prescribed format	<u>View File</u>

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

00

File Description	Documents
List of research projects and funding details (Data Template)	<u>View File</u>
Any additional information	<u>View File</u>
Supporting document from Funding Agency	<u>View File</u>
Paste link to funding agency website	NIL

### 3.2 - Innovation Ecosystem

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

Shri Bhujangrao Kulkarni Innovation Incubation and Entrepreneurship Cell at ICEEM (SBK-UEC@ICEEM), as an offbeat practice, vows to provide and maintain and ecosystem to identify market niche, module training/mentorship to early stage technical students in order to develop innovative and entrepreneurial mindset, apart from supporting ready techno startups. Faculty members of SBK-IIEC@ICEEM and experts from industries/institutions will mentor and closely monitor for specific product development Up-gradation & Development of Faculty/Students Research Products: The faculty/Students research products will upgrade and customize as requirement of the market for commercialization Business Plan Development: The students of MBA program of ICEEM along with a management consultant will help incubators to strengthen their business plan after conducting market surveys, if required, and financial plan. Business Promotion: SBK-IIEC@ICEEM Will help to find business partners & venture capitalists and will provide consultancy on business promotion with the help Of the MBA students & faculties Of ICEEM and consultants. Entrepreneurial Promotion / Awareness Programs: SBK-IIEC@ICEEM will target to help in the development of entrepreneurial ecosystem by enabling easy and efficient interaction between its major components spanning students, working professionals, aspiring and existing entrepreneurs, mentors, angel investors, venture capital firms and corporate through initiatives like interactive sessions, competitions, conferences Intellectual Property Right Cell

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	https://www.iceemabad.com/index.php

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

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

17

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

### 3.3 - Research Publications and Awards

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

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

00

File Description	Documents
URL to the research page on HEI website	NIL
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	<u>View File</u>

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

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

5

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

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

11

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

### 3.4 - Extension Activities

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

The ICEEM College organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runsNational Service SchemeUnit. Through these units, the college undertakes various extension activities in the neighborhood community. Due to COVID-19Online participating in International Yoga day students become global stakeholders in ensuring sound mind in a healthy body In between relaxation from COVID-19 lockdown students participated inSwachh Bharat initiatives.

All these mentioned activities have positive impact on the students and it developed student community relationship,

leadership skill and self confidence of students. It also helped in cultivating hidden personality of students and created awareness.

File Description	Documents
Paste link for additional information	https://www.iceemabad.com/index.php
Upload any additional information	<u>View File</u>

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

00

File Description	Documents
Any additional information	<u>View File</u>
Number of awards for extension activities in last 5 year (Data Template)	<u>View File</u>
e-copy of the award letters	<u>View File</u>

- 3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year
- 3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year  $\,$

00

File Description	Documents
Reports of the event organized	<u>View File</u>
Any additional information	<u>View File</u>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<u>View File</u>

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

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

00

File Description	Documents
Report of the event	<u>View File</u>
Any additional information	<u>View File</u>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<u>View File</u>

### 3.5 - Collaboration

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

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

21

File Description	Documents
e-copies of related Document	<u>View File</u>
Any additional information	<u>View File</u>
Details of Collaborative activities with institutions/industries for research, Faculty	<u>View File</u>

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

15

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

### INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

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

Classrooms: college encompasses sufficient number of wellfurnished, well ventilated, spacious classrooms equipped with LCD projectors for conducting theory classes. Internet facility is available in whole campus including labs, classrooms, library, offices of all Departments and hostels. Central Library: Our central library (imsec.ac.in/campus/library) is fully computerized by automating the issue of books with bar code reader. The library has 5346 titles covering all major fields of Science and Engineering. Excellent Resources are available for selflearning at Central library? Access to library and books from book bank - Library has a collection of 5346 book titles (76782 volumes) covering all major fields of science and engineering. ? Access to NPTEL Video/Web Course (511 Title Video & 418 Title Web) ? Membership of National Digital Library ? Local chapters of NPTEL, EdX and Coursera (access to free certifications) ? Nalanda E-Consortium of AKTU access to popular Digital libraries like IEEE Explore, Springer Nature, ASCE, ASME, Elsevier, Science Direct, Taylor

## Francis, JSTOR etc., ? National Digital Library www.ndl.iitkgp.ac.in

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

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

We have a spacious and well equipped Sports room, where pupils can play In door games like table tennis, chess, caroms etc., We have a Yoga Class room where students and faculty members do meditate and even practice yoga. Qualified sports teacher are appointed to take care of day to day games and sports activities of the college. Cultural Activities: Students are very much encouraged to participate in the cultural events held in the college like Technical fests, Freshers, Annual Sports Day, Annual Day, Farewell etc., to exhibit cultural talents but due to COVID this year the events were skipped. , We got some clubs/ Committees to enhance the hidden talent of the students namely: Gonna Literacy & Cultural Committee and Sports & Games Committee who play an excellent role for over all development of the student's community.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

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

20

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<u>View File</u>

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

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

### 0.14

File Description	Documents
Upload any additional information	<u>View File</u>
Upload audited utilization statements	<u>View File</u>
Upload Details of budget allocation, excluding salary during the year (Data Template	<u>View File</u>

### 4.2 - Library as a Learning Resource

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

No Updation due to COVID-19.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for Additional Information	NIL

### 4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership ebooks Databases Remote access toe-

E. None of the above

### resources

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

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

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

00

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

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

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

00

File Description	Documents
Any additional information	<u>View File</u>
Details of library usage by teachers and students	<u>View File</u>

### 4.3 - IT Infrastructure

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

No Updation due to COVID-19.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

### 4.3.2 - Number of Computers

278

File Description	Documents
Upload any additional information	<u>View File</u>
List of Computers	<u>View File</u>

# 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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

### 4.4 - Maintenance of Campus Infrastructure

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

_	•	-	- 4
	1		

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

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

The college has appointed several staff to maintain infrastructure in the form of building maintenance, transportation, furniture and generator operators in the event of a power outage. The people who work here on the maintenance of the college will regularly report broken instruments and devices to the higher authority. We also have five people for transportation, two people for computer maintenance and fifteen people for housekeeping, maintenance of sensitive equipment, power and water supply, etc. We have generator for constant power supply of 67 KVA, RO plant for constant water supply of 2000 LPH and threeUPS for computer backup 20 KVA, 200 KVA and 7 KVA with elevator for 6 people. To ensure maximum availability of the systems in the laboratory, preventive maintenance and outage maintenance procedures are implemented. Periodic maintenance is carried out through regular cleaning of the laboratory rooms, software updates and anti-virus updates. Maintenance of electrical and electronic equipment: - Regular checking of the equipment is carried out at the end of each semester. Computer maintenance is handled by the IT and COMPUTER department.

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	NIL

### STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

771

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<u>View File</u>

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

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

359

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

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

### A. All of the above

File Description	Documents
Link to Institutional website	https://www.iceemabad.com/index.php
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

105

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

105

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

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

### A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student grievances including sexual harassment and ragging cases	<u>View File</u>

### **5.2 - Student Progression**

### 5.2.1 - Number of placement of outgoing students during the year

### 5.2.1.1 - Number of outgoing students placed during the year

42

File Description	Documents
Self-attested list of students placed	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of student placement during the year (Data Template)	<u>View File</u>

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

### 5.2.2.1 - Number of outgoing student progression to higher education

8

File Description	Documents
Upload supporting data for student/alumni	<u>View File</u>
Any additional information	<u>View File</u>
Details of student progression to higher education	<u>View File</u>

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

### **Civil Services/State government examinations)**

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

6

File Description	Documents
Upload supporting data for the same	<u>View File</u>
Any additional information	<u>View File</u>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<u>View File</u>

### 5.3 - Student Participation and Activities

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

00

File Description	Documents
e-copies of award letters and certificates	<u>View File</u>
Any additional information	<u>View File</u>
Number of awards/medals for outstanding performance in sports/cultural activities at uni versity/state/national/internati onal level (During the year) (Data Template)	<u>View File</u>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

As per the provisions set under section 40(2)(b) of

Maharashtra University Act 1994, There is the establishment of a student council every year.

The purpose of the Students Council (SC) is to provide programs, activities, and services which serve the cocurricular, cultural, social, recreational, and educational interests of students at the University and Colleges. The SC seeks to contribute to the development of students' leadership skills and experience, program planning and development, volunteering, and fiscal management.

"Students' Council" means the Students' Council established under section 99 of the Maharashtra Public Universities Act, 2016 (Mah Act? VI of 2017). The act was passed on Thursday 08-12-2016 with a view to improving the quality of higher education. The act has a number of innovative sections for the betterment of students, teachers, colleges, and Universities. Section 99 of the act provides for the formation of a student union or associated student body, which is distinctively called as Students' Council. There shall be a University Students' Council and a College Students' Council for each affiliated college to look after the welfare of the students and to promote and coordinate the extra-curricular activities of different student associations for better corporate life.

ICEEM ensures students' representation and engagement in various administrative, co-curricular, and extracurricular activities.

But due to covid norms and restrictions Student Council was not formed during the AY 2020-2021. Because due to covid university did not issue any circular regarding the formation of a student council and conducting elections for the council.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

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

00

File Description	Documents
Report of the event	<u>View File</u>
Upload any additional information	<u>View File</u>
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<u>View File</u>

### 5.4 - Alumni Engagement

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

The Alumni Association of ICEEM i.e. "AAI"is registered with the Registrar of Societies. Training & Placement cell in coordination with the departments organizes alumni meet every two year for interacting with the alumnus. Alumni meet involves dinner or lunch for the alumnus; different singing and dancing events where in alumni participate and share their testimonials. Also, regular meeting of chapter are called to review the activities of the current year and plan the activities for the forthcoming year. AAI contributes to ICEEM in various ways like, 1.Alumni interact with the HODs, staff and students and give them information regarding current trends and practices in the industries in which they work, make them aware of the current industry scenario and guide them in preparing for campus interviews.

- 2. They discuss different technical issues, providing guidance regarding higher studies, competitive exams, entrepreneurship and placements.
- 3. Alumni helps the department to identify the industries for students to undergo in plant training.

- 4. Alumni arrange for visit to the industry where they are employed.
- 5. They promote the institute in their vicinity of industry and living area resulting in increase in the rapport of institute with industries.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

# **5.4.2 - Alumni contribution during the year (INR in Lakhs)**

E. <1Lakhs

File Description	Documents
Upload any additional information	<u>View File</u>

### GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

### Vision

To be a leading institute of Technical, Management, and Research to serve the need of the Academia, Industry and the Society.

### Mission

To establish a modern infrastructure to nurture an environment of Techno-Managerial skills coupled with Professionalism, Innovation and high moral & ethical values. We, at ICEEM, are committed to:

Impart Academic Excellence in Technical and Management education.

- To inculcate high moral, ethical and professional standards among our students for holistic development.
- To evolve the institution to the level of an independent identity.
- Our Resources Our Students.
- Our Capital Our People.

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File Description	Documents
Paste link for additional information	https://www.iceemabad.com/index.php
Upload any additional information	<u>View File</u>

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

Decentralization is emphasized by ICEEM to provide equal participation in institution operation. Infrastructure, facilities, and financial management are managed by management committees and college governing councils with the goal of enhancing amenities and advancing teaching-learning and research-related activities. The Director serves as the IQAC's chairperson and secretary, making sure that decisions regarding academic and administrative matters are made unanimously. There are numerous committees, including the Internal Quality Assurance Cell, College Students Monitoring Committee, Sports Committee, Library Management, NSS Activities, Students Welfare, Admission, Women's Grievance, Anti-Ragging, Accreditation, Affiliation, Website Development, Alumni Association, and Students Grievance Redressal. To demonstrate their skills, faculty members are represented on committees and units including Training and Placement, Discipline, and College Infrastructure. Decentralization is promoted by giving students the authority to take on significant responsibilities in a variety of activities. General Secretary, Cultural Secretary, Sport's Secretary, Ladies Representative, Presidents and Council members of departmental student associations, Canteen maintenance secretary, and Departmental Association Participative Management are just a few of the clubs and committees. By include employees and students in activities, the institute promotes a participative management culture where choices are made based on facts, information, &goals.

Staff suggestion box for improvement in admission, discipline, grievance, and library services.

File Description	Documents
Paste link for additional information	https://www.iceemabad.com/index.php
Upload any additional information	<u>View File</u>

### 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/perspective plan is effectively deployed

Strategy Type

Details

Admission of Students

Admission committee follows AICTE/DTE norms, guides IQA, decides admission process, fees structure, orientation, and counsels students on programs.

Industry Interaction / Collaboration

College establishes MoUs with core industries for professional development.

Human Resource Management

The Institute appoints qualified faculty through open advertisement and interviews, organizes FDP programs, provides medical leave, on duty, and offers vacations and compensation.

Library, ICT and Physical Infrastructure

/ Instrumentation

Library has extensive collection, automated housekeeping, N-LIST subscription, 5 connected classrooms, and 2 smart classrooms.

Research and Development

Innovation and Incubation Cell promotes research among

students, faculty, and encourages publication.

### Examination and Evaluation

The examination committee conducts two annual meetings to ensure smooth examinations, reduces malpractices, and assigns internal marks based on assessment and attendance.

### Teaching and Learning

IQAC plans and supervises activities to improve college education through FDP, Student Centric Method, and Innovative Teaching methodologies.

### Curriculum Development

College has ARC committee for curriculum execution, five affiliated programs, and IQAC promotes co-curricular initiatives, with management actively implementing feedback.

File Description	Documents
Strategic Plan and deployment documents on the website	<u>View File</u>
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

Institutional management is transparent, hierarchical, and effective, with a governing body and organizational structure. The college's administrative positions include the governing body, secretariat, director, and committees. The governing body oversees university affiliation, budgets, selections, promotions, and new programs. The secretary handles administration, development, and growth, while the director ensures departmental budgets, monitors progress, and coordinates examinations. Committees have well-defined roles and responsibilities, with faculty members in charge. The Department Head prepares workloads, allocates it, coordinates with library committees, prepares student Handbooks, standardizes course materials, and conducts remedial classes.

The Institute has IQAC, which documents quality improvement programs, conducts internal audits, and monitors classwork organization. The institution has its own service rules, policies, and procedures for effective functioning.

File Description	Documents
Paste link for additional information	NIL
Link to Organogram of the institution webpage	https://www.iceemabad.com/IQAC%20ChartsPDF
Upload any additional information	<u>View File</u>

# 6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

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Δ	<b>2</b> 11	Of	the	above
Α.	ATT	OL	LHE	above

File Description	Documents
ERP (Enterprise Resource Planning)Document	<u>View File</u>
Screen shots of user inter faces	<u>View File</u>
Any additional information	<u>View File</u>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<u>View File</u>

### **6.3 - Faculty Empowerment Strategies**

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

Welfare measures for Teaching as follows:

- 1. Faculty members are promoted for selfdevelopment programs and higher education.
- 2. Various leaves available to teaching and nonteaching staff are vacation leave, casual leave, Earned Leaves, medical leave and maternity leave for ladies' staff.
- 3. Fees installments scheme for wards of staff.
- 4. Employee Provident Fund for teaching and nonteaching

### staff. Subsidized Transport facility.

Welfare measures for Non-Teaching as follows:

- 1. Accommodation facility for non-teaching staff.
- 2. Subsidized Transport facility for
- 3. Sweets are distributed to staff during Diwali festival.
- 4. Yearly Staff excursion
- 5. Payment of provident fund.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

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

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

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

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

18

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<u>View File</u>
Reports of Academic Staff College or similar centers	<u>View File</u>
Upload any additional information	<u>View File</u>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<u>View File</u>

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

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

17

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

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

ICEEM is committed to implementing a performance management system that improves the overall organizational performance of teams and individuals, ensuring the achievement of the organization's mission and vision. The institute follows the Performance Based Appraisal System (PBAS) proposed by AICTE, which categorizes performance into three categories:
Teaching, Learning and Evaluation related activities, Co-Curricular, Extension and Professional Development related activities, and Research Publications and Academic Contributions. The weightages assigned to these categories are 100:75:300.

Data is collected from faculty members at the end of each academic year, and API scores are calculated based on the data. The Principal and senior professors set minimum API scores for faculty members in each category, which are used for career advancements and promotion to higher positions. Feedback forms are issued to students at the end of each semester, collecting information about teachers and teaching processes. A team, consisting of the Head of the Department and Senior Professor, reviews these feedback forms and suggests measures to improve the teaching-learning process.

There is no performance appraisal system for non-teaching staff in the institute.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

### 6.4 - Financial Management and Resource Mobilization

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

ICEEM conducts internal and external audits on financial transactions annually to ensure financial compliance. The internal financial committee conducts a half-yearly internal audit, verifying income and expenditure details, and submitting the report to management through a director. An external audit is conducted once a year by an external agency. The principal submits a proposal on budget allocation every financial year, considering departmental recommendations. College budgets include recurring expenses like salary, electricity, internet, maintenance, stationery, and other consumable charges. The accounts department

monitors expenses and depreciation costs. The internal audit process involves an internal financial committee auditing all vouchers on a half-yearly basis, verifying expenses under different heads and bringing discrepancies to the principal. The external audit process involves a chartered accountant regularly auditing the college's accounts, ensuring proper authorization of payments and reporting to management. The institution has not encountered major audit objections in the past. These mechanisms promote transparency and financial discipline, preventing defalcation of funds or property at all levels. The audited statement is signed by management authorities and chartered accountants.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

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

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File Description	Documents
Annual statements of accounts	<u>View File</u>
Any additional information	<u>View File</u>
Details of Funds / Grants received from of the non- government bodies, individuals, Philanthropers during the year (Data Template)	<u>View File</u>

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

The institute follows a well-planned process for mobilizing funds and resources, involving various committees, Department Heads, and Accounts offices. The process involves student tuition fees, need-based loans, sponsorships from government

and non-government agencies, alumni contributions, and sponsorships for cultural events. A finance committee monitors the optimum utilization of funds for recurring and non-recurring expenses, while the purchase committee seeks quotations from vendors for equipment and books. The principal, finance, and purchase committees ensure expenditures fall within the allotted budget, with management intervention sought in case of exceeding the budget. The institute's resource mobilization policy and procedure includes preparing the college budget, which includes recurring expenses and planned expenses. The institute promotes research, development, consultancy, and faculty involvement, with grants for R&D and infrastructure strengthening. The institute also ensures effective utilization of infrastructure through well-qualified lab technicians and system administrators, encourages innovative teaching-learning practices, and utilizes physical infrastructure beyond regular college hours for remedial classes, co-curricular activities, parent-teacher meetings, and examination centers.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

### 6.5 - Internal Quality Assurance System

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

The IQAC aims to improve institutions' overall performance through conscious, consistent, and catalytic improvement. Its objectives include continuous improvement in operations, stakeholder involvement, and promoting quality enhancement and institutionalization of best practices. Benefits include clarity, internalization of quality culture, sound decision-making, and better internal communication. IQAC functions include developing and applying quality benchmarks, arranging feedback responses, disseminating information, organizing workshops, seminars, and preparing the Annual Quality Assurance Report (AQAR) for submission to NAAC. Strategies include timely, efficient, and progressive performance of academic, administrative, and financial tasks, ensuring relevance and quality of academic and research programs,

equitable access and affordability, optimizing teaching methods, ensuring credibility of evaluation procedures, maintaining support structures and services, and research sharing and networking. Initiatives like study hours and collaborative learning aim to improve academic performance, ensure credibility of evaluation procedures, and promote research sharing and networking among institutions.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

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

The IQAC, the central body within the college, regularly reviews the teaching-learning process and implements innovative activities and reforms based on feedback. The institute schedules the academic calendar well in advance, accommodating events like seminars, guest lectures, workshops, FDPs, and hands-on series. Faculty members prepare lesson plans for each semester, enriching the curriculum with guest lectures, industrial visits, and internships. The institute has a feedback system for teachers, allowing for regular evaluations of teaching methodologies, course delivery, attitude, strengths and weaknesses, and difficulties faced by students. The director and management monitor the feedback system and take corrective actions.

The institute monitors student performance regularly, using various methods to collect and analyze data on student learning outcomes. These include regular class tests, midterm and continuous evaluations, semester systems of examination, question banks, lecture notes, timely redress of grievances, compulsory attendance of at least 75% in each semester, and extra classes for weak students. The institute maintains an effective internal examination and evaluation system, and students' result analysis is provided after the announcement of their semester results. If students' results are not up to the mark, necessary steps are taken to identify the reasons and motivate faculty members to work towards improvement.

File Description	Documents
Paste link for additional information	NIL
Upload any additional information	<u>View File</u>

- 6.5.3 Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)
- B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://www.iceemabad.com/
Upload e-copies of the accreditations and certifications	<u>View File</u>
Upload any additional information	<u>View File</u>
Upload details of Quality assurance initiatives of the institution (Data Template)	<u>View File</u>

### INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 - Institutional Values and Social Responsibilities

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

ICEEM promotes gender sensitization through cocurricular activities, such as workshops, seminars, guest lectures, street plays, poster exhibitions, and counseling. It also organizes self-defense training for girl students and conducts awareness programs on human rights, women's rights, and cyber security. The institution conducts a gender equality survey to gather student opinions and develop solutions. The institution has committees, including the

Institution Grievance Redressal Committee, AntiRagging,
Sexual Harassment Prevention Cell, Students' Disciplinary
Committee, Women Welfare & SC/ST Students Welfare Committee,
Safety & Disaster Management Committee, and Mentoring
Programme. Information is disseminated through orientation
and induction programs. The institution provides safety and
security facilities, including CCTV surveillance, ID cards, a
dedicated counseling center, and a mentoring system for
students' academic, emotional, social, and cognitive
development.

File Description	Documents
Annual gender sensitization action plan	For the academic year 2020-21 Internal Complaints Committee planned to organize the below mentioned programs to create awareness and consciousness about sexual harassment at work place. The following program is organized for academic year 2020-21: • Introduction of ICC to students. • Yoga Meditation Program • Health and Hygiene awareness program. • Organize Women's day program.
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Safety and security, Common Rooms

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	<u>View File</u>
Any other relevant information	<u>View File</u>

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

ICEEM is committed to maintaining a clean campus through various initiatives, including awareness programs, tree plantations, and waste management courses. The campus follows strict waste segregation, using dry and wet waste bins for recycling and composting. Paper waste is recycled or used by the creative team during college fests. The institute partners with Bisleri for the "Plastic is not bad, how you dispose of plastic is bad" campaign. Electronic goods are refurbished and reused, and non-hazardous items are used for decoration during college fests. E-waste is collected and safely disposed of through vendors, and students learn about its disposal and limitations through seminars. The college also has a sanitary napkin dispenser for girls.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<u>View File</u>
Geo tagged photographs of the facilities	<u>View File</u>

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

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Any other relevant information	<u>View File</u>

### 7.1.5 - Green campus initiatives include

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

C. Any 2 of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	<u>View File</u>

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

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

A. Any 4 or all of the above

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

### 7.1.7 - The Institution has disabledfriendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path,

A. Any 4 or all of the above

lights, display boards and signposts
Assistive technology and facilities for
persons with disabilities (Divyangjan)
accessible website, screen-reading
software, mechanized equipment 5.
Provision for enquiry and information:
Human assistance, reader, scribe, soft
copies of reading material, screen
reading

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Policy documents and information brochures on the support to be provided	<u>View File</u>
Details of the Software procured for providing the assistance	<u>View File</u>
Any other relevant information	<u>View File</u>

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

ICEEM has conducted several programs for providing an inclusive environment. It has taken various initiatives for promoting tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic, and other diversities. As per the mandate of the university to facilitate women's education through variousmediums, there is a fee concession for female students in admissions and hostel. As per the nationwide jurisdiction of the university, the students from diverse regional and cultural backgrounds have been benefitting.

For the promotion of unity in diversity, the NSS Cell of ICEEM organizes programs like swachh bharat abhiyan. The program aims at strengthening the bond between states to strengthen the unity and integrity of India.A large number of teachers and students participated in it.

ICEEM also organized a COVID-19 vaccination camp on campus.

The various departments of the university conduct seminars, workshops, and outreach programs to promote communal harmony and tolerance.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<u>View File</u>
Any other relevant information	<u>View File</u>

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

ICEEM is committed to providing holistic education to students, focusing on constitutional rights, values, duties, and responsibilities. This is achieved through various means, including the curriculum and extra-curricular activities. The institute offers elective subjects on cyber security, Laws, Regulations, and Sustainable Packaging, as well as courses on environmental studies. Regular programs, such as the ICC cell, educate women about their rights, and seminars and workshops on national importance. Ex-defence or police personnel are invited to share their experiences and inspire young minds to contribute to building the nation. Seminars on topics like Right to Information and sexual harassment are conducted periodically. The institute conducts constitutiondays, and the NSS Unit conducts cleanliness drives to mark Swachh Bharat Abhiyan. Students and faculty take an oath to maintain cleanliness, and various events are held to sensitize students and faculty on various topics, such as corruption, youth responsibility, child labor, society's influence on passion and dreams, social media abuse, favoritism, and mental health.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://www.iceemabad.com/NAACSupportingDocuments.php
Any other relevant information	NIL

- 7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized
- D. Any 1 of the above

File Description	Documents
Code of ethics policy document	<u>View File</u>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<u>View File</u>
Any other relevant information	<u>View File</u>

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

ICEEM organizes national days, such as Teachers Day (5th September) to honor Dr. Sarvapalli Radhakrishanna, Engineers Day (15th September) to honor Sir M. Visvesvaraya, International Women's Day (8th March), International Yoga Day (21st June), Independence Day (15th August), Republic Day (26th January), World Environment Day (5th June), Kannaddarajotsva Day (1st November), and NSS Day (24th September). These days encourage students and faculty to break the boundaries of religion and caste, showcasing the ideas of great Indian personalities. The institute also hosts national festivals and birth/death anniversaries of great Indian personalities, highlighting the importance of national integrity and their role in the country.

In January, Republic Day commemorates the adoption of the

constitution, with formal events, flaghoisting, and a "constitution awareness program" for students and staff. Independence Day is celebrated on August 15th, with cultural activities related to the movement. Dr. Sarvpalli Radha Krishnan's birthday is celebrated as Teacher's Day, and Gandhi Jayanti is celebrated on October 2nd to mark Mahatma Gandhi's birth anniversary. National Unity Day is celebrated on October 31st, and Engineers Day on September 15th is celebrated as an exceptional tribute to the best Indian Engineer, Bharat Ratna Mokshagundam Visvesvaraya.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<u>View File</u>
Geo tagged photographs of some of the events	<u>View File</u>
Any other relevant information	<u>View File</u>

### 7.2 - Best Practices

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

The college has implemented several best practices to support deserving students, including financial aid, COVID center activities, and industry collaboration. The college aims to provide financial support to poor students, promote equality, and instill values of generosity and social responsibility. The college has also implemented a quarantine center for migrants, providing food, clothing, and medical care. The college also incorporates industry internships as part of its curriculum, ensuring students have exposure to real-life problems. The college also organizes workshops for students in emerging areas of technology and engineering, filling the gap between faculty offerings and industry requirements. The model of education integrates education with practical work experience and accommodates an enriched environment. However, challenges include sustained commitment and dedication from faculty members, active student participation, and quality teaching.

File Description	Documents
Best practices in the Institutional website	https://www.iceemabad.com/ourbestpractices.php
Any other relevant information	NIL

### 7.3 - Institutional Distinctiveness

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

ICEEM Institute aims to become one of the top 100 colleges in the country by 2025. The institute's unique location in the industrial hub of Waluj M.I.D.C, home to over 100 automobile companies and their ancillaries, allows for frequent meetings, seminars, and workshops with industry leaders. The college's Governing Body includes prominent industry members, who provide internships, research and development facilities, and industrial visits to keep students updated. Industry visits also help students upgrade their knowledge and stay upto-date with industry standards. ICEEM also shares production facilities with students for final year projects, enabling students to not only achieve good marks but also contribute to society. Students from various departments register patents for their projects, enabling them to achieve new heights in their careers. Job fairs are regularly held on the ICEEM campus, with reputed companies showcasing their stalls. ICEEM provides a platform to bridge the gap between industry and academia, and students can prove their worth through interviews both on-campus and off-campus. This unique approach has made ICEEM an attractive choice for students and faculty alike.

File Description	Documents
Appropriate web in the Institutional website	<u>View File</u>
Any other relevant information	<u>View File</u>

### 7.3.2 - Plan of action for the next academic year

1. To initiate startup activities on the campus. 2. To initiate Section 8company activities under IIC. 3. To introduce students welfare gender differenceschemes to

students. 4. To establish a Robotics lab. 5. To start all types of consultancy services as per Department. 6. To introduce the Center Of Excellence. 7. Give training to students as per industry requirements. 8. To establish an IPRcell to promote research innovation in students as well as faculty. 9. Awarenessprogram on Entrepreneurship for Students. 10. Proposal for financial assistance to the Government department/Societies for the organization of seminars. 11. Organization of more Seminars/Workshops with the use of ICT in Quality TeachingLearning and Research Methodology for quality research work. 12. Online feedbacksystem for students other stakeholders. 13. To ensure the quality of academic programs. 14. To organize a variety of co-curricular activities for the holisticdevelopment of students in a present competitive world. 15. To create resourcesand utilizing them for the educational upliftment of common people.