



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	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 own campus	Yes
Phone no/Alternate Phone no.	02402558103
Mobile no.	9403770201
Registered Email	director@iceemabad.com
Alternate Email	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
Pincode	431136

<b>2. Institutional Status</b>	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Prof. H. L. Jadhav
Phone no/Alternate Phone no.	02402558123
Mobile no.	7020475138
Registered Email	deanacademics@iceemabad.com
Alternate Email	hodetc@iceemabad.com

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.iceemabad.com/IOACDocuments.php">https://www.iceemabad.com/IOACDocuments.php</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.iceemabad.com/AcademicCalendarIstSem19-20.PDF">https://www.iceemabad.com/AcademicCalendarIstSem19-20.PDF</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.26	2019	28-Mar-2019	27-Mar-2024

<b>6. Date of Establishment of IQAC</b>	05-Jun-2017
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**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
International Faculty	16-Jan-2020	52

Development Program	2	
Entrepreneurship development Program	17-Feb-2020 2	84
International Conference on Entrepreneurship, Engineering, Management, Science and Humanities	28-Feb-2020 1	78
<a href="#">View File</a>		

**8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
No Files Uploaded !!!				

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
International Conference ICEEMSH - 2K20 was organized in February 2020	
International Faculty Development Program "Strategies for smartly infusing innovation design and analytics for transforming applied research, industry professional profile" was organized in January 2020	
Entrepreneurship development Program was organized in February 2020	
Online Webinar was organized by ICEEM on "Reinventing Research (To transform Academician to Consultant) : Role of IPR for REVENUE GENERATION -Mind to Market and Lab to Land" organized in May 2020	

Seminar on "Creativity in Diversity" was organized in September 2019

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**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Planned to conduct National Level Faculty Development Program	Conducted International Level Faculty Development Program
Planned to conduct one conference	Organised one International Conference on February 2020
Planned maximum research papers to be published in National/International Journals by Faculty members	Published Published 14 National/International research papers
Planned to attend maximum Events/Conferences/Workshops/FDPs to be attended by Faculty Members	Attended 59 Events/Conferences/Workshops/FDPs by the faculty members
Academic other supportive Activities planned as per the Academic Calendar	Conducted all curricular, cocurricular extra curricular activities as per scheduled, inspite of the LockDown imposed due to pandemic COVID19

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**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
COLLEGE DEVELOPMENT COMMITTEE	02-Jan-2020

**15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?**

Yes

Date of Visit

07-Mar-2019

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

31-Jan-2020

**17. Does the Institution have Management Information System ?**

Yes

<p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>	<p>Faculty members regularly use L.M.S such as MyExamo, E.R.P resources, Tally software (For accounting purpose). The modules that are used by staff members are as follows 1. Attendance 2. Time Table 3. Syllabus 4. Learning Resources 5. Notices The above modules are regularly used by faculty members in their academics. For example, every faculty member uses ERP to display the syllabus, teaching plan, Books and periodicals referred, Case Studies referred, Journals referred, etc. They also use this facility to record attendance of students, update daily teaching report, share question banks with students, display notice related to their academic activities, curricular activities, sports activities, cultural activities, etc The ERP also updates teaching staff with regard to the percentage of syllabus covered, probable date of completion of syllabus, planning of remedial lectures, if any.</p>
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Part B

**CRITERION I – CURRICULAR ASPECTS**

**1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The ICEEM College is affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The college has to follow syllabus of affiliated university. The institution ensures effective curriculum delivery through a well-planned and documented process Response: ICEEM aim to develop and deploy various plans for effective implementation of the curriculum in which first step is taken in the beginning of academic year; teaching plans are prepared by the teachers of all the faculties. ICEEM provides a positive classroom environment by making the classroom a pleasant, friendly place; all accept individual differences and accordingly plan learning activities. Time tables are prepared for all the classes of the respective programs. Allocations of lectures of all the subjects are planned according to Dr. BAMU Aurangabad rules and regulations. All the teachers follow teaching schedule as per the time table. The teaching faculty update themselves by attending refresher courses, orientation programs and workshops, conferences, FDP, seminars organized by various colleges & UGC HRD centers of Universities which help them for implementation of their subject delivery & curriculum more effectively . All the teachers use various teaching methodology like taking students for field visit for demonstration of particular concept, showing current research work through power point presentations, giving task offloading out the problems and solutions of the problems in the practical works, etc. to make learning process more effective. All teacher arrange regularly study tours, practical sessions to enhance students' fundamental concepts and knowledge of the respective subjects. ICEEM arranges extra classes for the slow learner students for better understanding of subjects. The college always support and organize study tour, guest lecture,

group discussion, practical session and industrial visit etc. by providing financial assistance and transportation facilities for students to understand the curriculum more effectively. Departments use modern teaching aids, ICT devices for effective delivery of curriculum. The institute provides all necessary infrastructural facilities to teaching staff such as Language lab, advance Educational Software and material such as CD's, reference books in the library and e-library facility, broadband internet connectivity. Students participate in group discussions, debates and seminars which helps them in their routine teaching of curriculum. Faculty members and students have got the access to NPTEL website. The institute also encourages getting MOU with the industries for better training in core fields and bridging the gap between institution and industry. Academic In-charge, monitors the syllabus coverage in class, support overall conduction of teaching learning process in the class room. HOD is the overall in charge of proper functioning of the academic system. He also monitors the delivery of course; achieve outcomes and design corrective measures whenever and wherever necessary. FDPs are conducted for the faculty members, when a new course is introduced in the curriculum. College takes the feedback from students, faculty and other stakeholders regarding curriculum. After collection qualitative and quantitative assessment report of feedbacks are generated to take the necessary action regarding respective issues. College always supports and motivates research oriented projects from student and faculties which will contribute to the social & national development.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NA	NA	01/08/2019	90	Employability	Employability Enhancement

### 1.2 – Academic Flexibility

#### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Civil Engineering	24/07/2019
BE	Computer Science and Engineering	07/06/2019
MBA	MBA	31/07/2019
BE	Electronics & Telecomm. Engineering	04/07/2019
BE	Mechanical Engineering	01/06/2019
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#### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	24/07/2019
BE	Electronics and Telecommunication Engineering	24/07/2019

BE	Computer Science and Engineering	07/06/2019
BE	Mechanical Engineering	01/06/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	43	Nil

### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Communication Skill	01/06/2019	182
Environmental Engineering	01/06/2019	172
Environment Management	01/06/2019	45
Indian Ethos Values	01/06/2019	45
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electronics & Telecommunication Engineering	17
BE	Mechanical Engineering	43
BE	Civil Engineering	26
MBA	MBA	33
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### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>Feedback is essential in teaching and learning process. It helps the teacher to understand how the subject can be taught for better understanding of students. This is an important process where teacher can improve his/her teaching skill or process that will ultimately benefit the student. The feedback from different stakeholders, help the institute to understand the need of society what other stakeholders expect from the institute. With this objective, college has developed following feedback systems and all feedbacks are evaluated on an analogue scale from 5 to 1 i.e. from excellent, very good, good, fair and poor.</p>

These feedbacks are collected from stakeholders by IQAC and analyzed. After analysis, comprehensive reports are generated and are informed to concern teaching staff/Department head/examination in charge for their improvement. 1. Academic Feedback: The main objective of this is to get feedback of teaching learning process from students. It is taken twice in a year. 2. Students satisfaction Feedback: college collects it once in a year to get the information of student's satisfaction related facilities provided. 3. Exit Feedback: This feedback is taken once in a year from final year students for overall satisfaction during graduation. 4. Hostellers: It is taken once in a year from a student who stays in hostel regarding hostel facilities. 5. Faculty Feedback: This is given by existing faculty about department once in a year. 6. Library Feedback: This feedback is taken with academic feedback about library facilities from students. 7. Parent Feedback: During every parents meet, parents' satisfaction feedback is taken. 8. Examination Feedback: After smooth conduction of exams, this feedback is taken from examiners. 9. Alumina Feedback: During alumina meet alumni gives satisfaction feedback/suggestions. 10. Guest Feedback: During Academic various activities is organized, for every activity feedback is taken from students/staff/Delegates regarding resource person's interaction/use fullness of activity. 11. Feedback from Resource person: After activity feedback is taken from Resource person for the facilities /suggestions provided them. The comprehensive feedback formats are generated by IQAC, considering all the aspects of teaching and learning including infrastructure, library, and facilities provided by college. The report of feedback is discussed in HOD meeting, IQAC meeting and college development committee for appropriate action.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Electronics and Telecommunication Engineering	30	3	3
BE	Computer Science and Engineering	45	16	16
BE	Civil Engineering	30	3	3
BE	Mechanical Engineering	90	7	7
MBA	MBA	45	45	45

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### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses



2019	29	45	52	9	Nil
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## 2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
45	45	30	12	2	30
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The college has adopted Student Mentoring System enables bridging gap between the Teachers and Students as well as, it treats students as a ward. The feeling of parent is provided by every mentor to his/her mentee who tries to share his/her all kinds of problems including person, family issues and mentor tries to resolve it. This creates a better environment in the college, where students can approach teachers for both educational and personal guidance. Motivation, Awareness and support to students for competitive examinations for higher studies/ Post Graduation or Civil Services examination like GATE, GRE, CAT, TOFEL and IQAC other Govt. PSUs examinations are provided by mentor. Motivation, Awareness and support for entrepreneurship with proper Advice and support for improvement in the academic performance are given to them. Ongoing process: Regular meetings are held between mentor and Students. The record/report is maintained for each student with keeping secrecy. This has both personal and academic data. Mentees are allowed to approach the mentor for both academic personal problems. Personalized/individual professional /career advice is given to the each student.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
29	10	1:3

## 2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
52	52	Nil	4	3

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.C.S.Padmavat	Director (in-charge)	Appriciation Award From MASSIAS Advantage Maharashtra Expo Aurangabad
2019	Prof.Rohit K.Paithane	Assistant Professor	Gold Performance Award received from Quality Circle Forum of India on date 24/08/2019

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## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MBA	251610110	2019-20	22/04/2020	31/10/2020
BE	251619110	2019-20	27/05/2020	31/10/2020
BE	251661210	2019-20	27/05/2020	31/10/2020
BE	251624210	2019-20	27/05/2020	31/10/2020
BE	251637210	2019-20	27/05/2020	31/10/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Response: The college is affiliated to Dr. BAMU, Aurangabad and it follows the evaluation process dinned by the university. The examination/evaluation reforms are at two levels as enumerated below: A) University Examination/Evaluation: The university has initiated various reforms in the last few years as mentioned below: 1. The university has implemented 80:20 pattern for the B.E. program from 2013- 14 onwards. 2. There are 20 Marks for which is taken at the college level. 3. The affiliating university has introduced new bar-coding system for the answer papers for improving the confidentiality and the quality of examination. This has markedly reduced the result declaration time. 4. The affiliating university provides the photocopies of answer papers on demand to the students for redressing their grievances in the examination to maintain transparency. 5. The affiliating university has further introduced CGPA system of grading for BE program from the academic year - 2016-17. B) College (Internal) Exams/Evaluation: All Internal examination reforms are implemented at college level according to the guidelines of affiliating University. Few examples which have positively impacted the examination system are: 1. Continuous Assessment and evaluation system of journals, theory and practical enables monitoring student's performance. 2. Frequent orals, daily practical and written evaluation are incorporated into the Practical record books and files which allows for continuous evaluation. 3. Internal theory subject class test question papers have been framed as per the University question paper pattern this enables the students to get acquainted at formative stage which has resulted in better outcomes. 4. Training and practice of Aptitude test, intelligent test of students is helping them for getting success in competitive examinations like GATE, JRE etc. 5. Teacher guardian method is implemented for solving different problems of students. 6. Frequent class tests are conducted assignments and question banks are given and evaluated to have a check on periodic student performance.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Response: The college prepares the academic calendar to the conduct Internal Examination. The academic calendar is prepared by IQAC. This calendar is prepared with the help of calendar of affiliating university. The academic calendar displays tentative dates of all academic activities including internal examination like commencement of academic term, internal examinations schedules, university examinations extracurricular activities like departmental technical events, teacher's day, engineer's day and annual social gathering, sports activities, winter and summer vacations, start completion of academic

term etc. The execution of all activities listed in the academic calendar is done according to academic calendar and its execution is monitored by the IQAC. The Current year academic and university calendar is attached as additional information. Internal Evaluation: Internal evaluation is made through internal project monitoring/reviews, Mock tests, Class Tests, Improvement Tests, Internal Viva's and Internal Competitions. The following parameters are considered in internal evaluation: 1. Participating and organizing various events like seminars, paper presentation contests and Technical project competitions for e.g. "NIRMAAN" project competition. 2. Active participation in various inter-college events and national level contests. e.g. 1. "My Dream Aurangabad" competition organized by Municipal Corporation Aurangabad, GIZ event, Aavishkar, etc. 1. On-line and practical/oral examinations 2. Internal Class tests performance 3. Assignments and Practical Journals with continuous assessments. 4. Participation of students in Industrial on sight visits for e.g. Visit to INFOSYS, Manufacturing Industries, Akashwani, BSNL, RUSA, DDUK, Bhandardara Dam, Field visits to Construction sights, etc . 1. Involvement of students in Mini projects/Major Projects for e.g. 2. Mobile application development of "Ajanta Ellora International Festival". 3. Generation of Electricity through exhaust fan. 4. Smart Class room Smart Bike 5. Sugarcane cutting machine 2. Involvement of students in Social activities through NSS such as: 1. Cleaning nearby local areas under "Clean India Programme" 2. Women empowerment program under "Beti Bachao, Beti Padhao" 3. Traffic rules awareness Helmet rally 4. Participation of Student in various training and Placement programme. 5. Through the Implementation of Teacher Guardian Scheme for getting reviews from students. 6. Timely display of information of class test marks and other activities on notice board. 7. Weekly Director and HOD meeting for Academic review through the monthly submission of Defaulter and syllabus status. The following assessments are made: 1. Performance in the University examinations 2. Performance in the internal examinations 3. Involvement in co-curricular extra-curricular activities 4. Live real time projects done by students 5. Performance in various competitive exams 6. Placement records Positive Impact of Various activities: 1. Effective teaching learning process has resulted in maintaining a high passing percentage consistently from last three academic years. 2. Students are getting placed in reputed organizations increasing the placement records of institution. 3. Expert talks and internship programs have improved the knowledge and confidence of students. 4. Participation in various social and cultural activities have improved social awareness and helped the students for developing their personality.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.iceemabad.com/Criteria02/CO's%20of%20College.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
251610110	BE	MBA	33	33	100
251619110	BE	Civil Engineering	24	24	100
251661210	BE	Mechanical Engineering	27	27	100

251624210	BE	Computer Science and Engineering	8	8	100
251637210	BE	Electronics and Telecommunication Engineering	15	15	100
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.iceemabad.com/sss201920.PDF>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Industry sponsored Projects	365	GIZ	4.1	4.1
<a href="#">View File</a>				

### 3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Reinventing Research- IPR Incubation centre for revenue generation	College Level	15/05/2020
" Boot camp on IOT"	ETC CSE	18/10/2019
" Scope of IOT in startups Entrepreneurship	ETC CSE	18/10/2019
Emerging trends in Machine learning Artificial Intelligence	ETC CSE	04/12/2019
Opportunities in Electric Vehicle	College Level	27/09/2019
Current Industry Expectations from graduates and post graduates	MBA	11/11/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
3 D Goggle	ICEEM	MASSSIA	12/01/2020	Best Innovation Award

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### 3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
ICEEM	IICE at ICEEM	Om Sai Engineering	Footwear Sanitizer Stand	Manufacturing organization	22/05/2020
ICEEM	IICE at ICEEM	Ayur Food Industry	Oriental Cashew cutting machine	Manufacturing organization	16/06/2020
ICEEM	IICE at ICEEM	ICEEM	Automatic Hand Sanitizer	Manufacturing	12/08/2020
ICEEM	IICE at ICEEM	ICEEM	Asmita Enterprises	Manufacturing	12/03/2020

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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	Nil

#### 3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	MBA	1	6.8

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#### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
MBA	4
CSE	1

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#### 3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NA	NA	NA	Nil	0	NA	Nil

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### 3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	Nil	Nil	Nil	NA
<a href="#">View File</a>						

### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	27	7	37
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## 3.4 – Extension Activities

### 3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Blood Donation Camp on 24/09/2019	NSS	1	20
Ganesh Visarjan on 12/09/2019	NSS	1	15
Cleanliness Drive on 14/08/19	NSS	1	30
<a href="#">View File</a>			

### 3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	Nil
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### 3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat	NSS	Cleanliness Drive in college campus	1	30
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## 3.5 – Collaborations

### 3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange	Prof. H. L. Jadhav	Self Funded	01

Faculty Exchange	Prof. H. L. Jadhav	Self funded	01
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
IPR related services	IPR related services	Witskeeper InCorporation, Pune	26/02/2019	31/12/2020	100
Employment related training	Training and Development of students	Brainberg Knowledge services LLP, Pune	04/01/2019	04/01/2020	300
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
SYCET College	12/02/2020	For Joint Industrial Project	37
Nutan Mahavidyalaya Selu	17/01/2020	academic and research promotion	100
SST College Ulhasnagar	25/11/2019	Academic and professional development	80
S. M. Dnyandeo Mohekar Mahavidyalaya, Kalamb	27/03/2020	Academic	20
Milind Arts College	17/03/2020	Academic	80
Dr. Babasaheb Arts and Commerce College, Aurangabad	19/02/2021	Academic	85
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## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
450	17.91

#### 4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing
<a href="#">View File</a>	

#### 4.2 – Library as a Learning Resource

##### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
DEL-PLUS	Fully	2	2017

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	11169	3601380	431	45901	11600	3647281
Reference Books	435	6200	Nill	Nill	435	6200
e-Books	135000	Nill	135000	Nill	270000	Nill
Journals	36	13570	Nill	Nill	36	13570
e-Journals	450000	Nill	450000	Nill	900000	Nill
Digital Database	35	Nill	35	Nill	70	Nill
CD & Video	15	Nill	Nill	Nill	15	Nill
Library Automation	1	Nill	Nill	Nill	1	Nill
Weeding (hard & soft)	Nill	Nill	Nill	Nill	Nill	Nill
<a href="#">View File</a>						

##### 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NA	NA	NA	Nill



[View File](#)

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	270	8	40	1	0	0	0	40	0
Added	0	0	0	0	0	0	0	0	0
Total	270	8	40	1	0	0	0	40	0

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

60 MBPS/ GBPS

##### 4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	Nil

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
5	202602	5	18161

##### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The college has appointed several personnel for maintaining the infrastructure by way of building maintenance, transport, furniture and generator operator in case of the power shuts down. Separate Complaint registers were maintained for various services like electrical, plumbing, housekeeping etc. The people, who work here on maintenance of the college, will report regularly about the breakage of instruments and devices to the higher authority. We have one staff member for each department of Electrical Works and Civil Works. We also have five persons for Transport, two persons for Computer Servicing and fifteen persons for House Keeping, Maintenance of sensitive equipment, Power and Water supply, etc. We have one Generator for constant Power Supply 67 KVA, one RO plant for constant Water Supply 2000 LPH and three UPS for Computers Back-Up 20 KVA, 200 KVA and 7 KVA with a Lift for 6 Persons. For Computer Laboratories (Utilization and Maintenance) Students and faculty members are provided separate login credentials to access the internet. Access to internet is provided in the lab even after college working hours. Preventive maintenance and breakdown maintenance procedure is followed so as to ensure maximum availability of the systems in the lab. Installation of antivirus and firewall ensure that the software and system is secured. Weekly status check on the hardware and software condition of the machines is undertaken and the same is noted in a register. This ensures that the problem is identified and rectified at an early stage itself. Breakdown maintenance wherein the system fails due to SMPS problem or boot failure is recorded in a register. If the

problem is minor, the technical support staff of the lab will rectify it. For major failures, support from vendor is taken. Periodic maintenance is done by regular cleaning of the lab spaces, software updates and antivirus updates.

Maintenance of Electrical and Electronic Equipment's:- Regular checkup of equipment is carried out at the end of every semester. Breakdown register is maintained in the laboratories. As per the requirement minor repairs are carried out by the lab assistant of faculty member. Maintenance of computers is taken care by IT and COMPUTER department. Major repairs are outsourced by following the procedure of the institute. The faulty trainer kits are serviced by service engineers of specified companies. The measuring instruments are calibrated regularly by standards companies. Stock verification is done at the end of every year by the staff members from other department and the report is submitted to the Director.

<https://www.iceemabad.com/Criteria04/4.4.2.PDF>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Scholarship as per merit	342	4793989
Financial Support from Other Sources			
a) National	Schemes as per Government norms	424	13734330
b) International	No Scheme	Nil	0
<a href="#">View File</a>			

#### 5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Mantra to prepare for competitive exams	30/05/2020	110	Connect India IAS Academy millers
Expert Lecture on Identifying Projects around us	22/07/2019	18	REDx Club USA
Career Guidance on opportunities in JAPAN	26/09/2019	30	Chaitanya Bhandare, Chamber of Commerce Japan
Guest lecture of ETAP Software	25/09/2019	30	BMC Electroplast
Psychometric assessment for career strengths	23/09/2019	84	Brainberg Trait Fit
Attending a zero state of mind(Online webinar)	17/05/2020	90	Prof. Vinay Chidri, Aurangabad
Remedial coaching	25/11/2019	30	ICEEM

Personal Counselling-Teacher Guardian scheme	01/05/2019	47	ICEEM
Employability Enhancement Program	01/08/2019	47	Mahindra Pride School/Naandi Foundation
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
Nil	NA	Nil	Nil	Nil	Nil
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
BLG Logistics Aurangabad	16	4	Sanveo India Aurangabad	2	Nil
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	BE	Mechanical	ICEEM College	MBA
2019	1	BE	Mechanical	Govt College of Engineering Aurangabad	ME Production
<a href="#">View File</a>					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
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GATE	1
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sports - 16	Institute level	292
Cultural Activities - 10	Institute level	158
<a href="#">View File</a>		

**5.3 – Student Participation and Activities**

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	NA	Nill	Nill	Nill	0000NA	NA
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

**Response:** As per the provisions set under section 40(2)(b) of Maharashtra University Act 1994, There is establishment of student council at every year. Students Council (Academic Year 2019-20) The purpose of the Students Council (SC) is to provide programs, activities and services which serve the co-curricular, cultural, social, recreational and educational interest 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 improve 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 student union or associated student body, which 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 co-ordinate the extra-curricular activities of different students associations for better corporate life. It is specifically noted in the act that the Councils shall not engage in political activities. This chartered student council shall be authorized by University to receive and dispense students' The Students' Council (SC) is the representative body of the entire student community of the International Centre of Excellence in Engineering management (ICEEM), Aurangabad. ICEEM Student Council's mission is to encourage and promote the values that represent good character in all students and build responsible leaders within student's community. Together with ICEEM Faculty, Staff and Alumni and University support, we seek to inspire visions and actions for a more ethical and just world through exchange of ideas and information. Sr no Name of the post Name of the students 1 President Swapnil Chame 2 General secretary Vikas Rathore 3 Sports Secretary Shubham Vishwakarma 4 Reservation Representative Akash Tupe 5 Cultural Representative Nidhi Jogad 6 Gents Representative (Hostel) Jayraj Palnate 7 Ladies Representative (College) Bhakti Gaikwad 8 NSS Representative Nitesh Sillode Funding There is no special funding from government bodies. The institute and

council bear the responsibility of all expenses. Activities The Students' Council organizes many activities through its representatives viz. • Annual Social Gathering • Expert Talks • Social Activities • Technical Events • Workshops • Sports • NSS Activities

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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 year for interacting with the alumnus. Alumni meet involves dinner 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 Facebook page, departmental what's app groups, mail ids, etc. are available to connect with the alumni and conduct face to face alumni interaction programs. AAI contributes to ICEEM in various ways like, 1. Alumni interact with the respective HODs and give them information regarding current trends and practices in the industries in which they work, so that suitable improvements in the infrastructure facilities can be made in the institution. 2. Alumni interact with the students so as to make them aware of the current industry scenario and guide them in preparing for campus interviews. 3. Graduates/post graduates who have passed out of the institution and are placed in companies, guide and help their immediate juniors to undergo the recruitment process with confidence. 4. Alumni visits institute to interact with the students to discuss different technical issues, providing guidance regarding higher studies, competitive exams, entrepreneurship and placements. 5. Alumni help in arranging seminars in key areas. 6. Alumni helps the department to identify the industries for students to undergo in plant training. 7. Alumni arrange for visit to the industry where they are employed. 8. They promote the institute in their vicinity of industry and living area resulting in increase in the rapport of institute with industries and increase in admission. 9. MBA (HR) Alumni helps in the recruitment process of students, either MBA or Engineering by giving opportunity to appear for interviews in companies where they are employed. 10. The alumni who are into entrepreneurship or business, recruits the students of final year for their company. AAI also arranges different competitions for the junior students such as 1. CAD competition. 2. Essay competition. 3. Other technical completions. Where in some competitions faculty members can also participate. This helps in up scaling the skill of students and bringing out their hidden talents. The winners of these competitions are felicitated at annual gathering or at the end of competitions. Alumni is also invited for the annual gathering so as to enjoy function and recall the moments of their student life. They give Feedback on program outcomes to enhance teaching/learning process of the parent department so as to improve quality of institute. The alumni association is not too old and doesn't have huge numbers but they are growing day by day and helping the institute to make students ready for the outside world.

5.4.2 – No. of enrolled Alumni:

257

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

ICEEM focuses keenly on decentralization by intending equal opportunity to participate in the functioning of the Institution. The management comprises of management committee, college governing council and each committee has been provided with specific functions cater to the needs of institution for the ongoing progress and development of the Institution. 1. Director Level Director is the member secretary of the governing body and chairperson of the IQAC. The Director in consultation with the Teachers of different committees for planning and implementation of different academic, student administration and related policies. Following committees are constituted in accordance to government guidelines: ? Internal Quality Assurance Cell (IQAC) ? Library Management Committee ? NSS Activities Students Welfare Committee ? Admission committee ? WomensGrevience cell ? Anti-Ragging Committee ? Accreditation and Affilitation Committee ? Website Development committee ? Alumni Association ? Students Grievance Redressal Committee ? SC/SC cell ? College Students Monitoring Committee ? Sports Committee ? Student Council 2. Faculty Level Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular, and extracurricular activities. Following are the different sub-committees which were nominated by Director in academic year 2019-20 ? Training and Placement and Cell ? Discipline committee ? College Infrastructure Cleanliness, Girls Common Room ,Water Supply maintenance cell ? SC/ST Equal Opportunity Committee ? Teacher- Guardians under Teacher Guardian Cell ? Examination (University College Level)Committee. 3. Students Level:- For the development of students, various cells and clubs are established at college level. Students are empowered to play important role in different activities. General Secretary ? Cultural Secretary ? Sports secretary ? Ladies Representative ? Presidents and Council members of departmental students Associations ? Canteen maintenance secretary ? Departmental association ? Discipline Committee member

**PARTICIPATIVE MANAGEMENT** The institute promotes a culture of participative management by involving the staff and students in various activities. All decisions of the institution are governed by management of facts, information and objectives. Both students and faculties allowed to express themselves of any suggestions to improve the excellence in any aspect of the Institute.

**STRATEGIC LEVEL** The Director, academic co-coordinator and staff members are involved in defining the policies and procedures, framing guidelines and rules regulations pertaining to admission, placement, discipline, grievance, counseling, training development, and library services etc., and effectively implementing the same to ensure smooth and systematic functioning of the institute. Outcome: Thus, the institute encourages teachers, students, parents, corporate resource persons, employers, alumni, staff, class coordinators and class representatives to share their ideas, opinions, suggestions through proper channels i.e. through parent-teacher meet, alumni meet, class teachers' meetings, student feedback system, and through other various committee meetings. The inputs received from various stakeholders of the institute are reviewed and those which are in line with our institute's Vision and Mission Statements are considered for decision making.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

### 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
<p style="text-align: center;">Admission of Students</p>	<p>1. The admissions of the students are followed as per rules and regulation based on the AICTE/DTE norms. 2. Admission Committee works under the guidance of IQAC and forms for the Frame work of admission process. It frames committee for the admission in the month of May every year committee involves the Director, H.O.D, Faculty members. 3. This Committee decides about admission process, fees structure (concessions) based on Merits of student for admission, orientation programmeetc. 4. Committees from each department are framed to councils the students regarding their programs or course. 5. Counselling isalso done regarding different programs.</p>
<p style="text-align: center;">Industry Interaction / Collaboration</p>	<p>The college has establishedMoUs with reputed core industries to enhance Industry-Institute Interaction activities like industrial visits, in-hand trainings, value added courses, guest lecturer etc., for the professional development of students and faculties</p>
<p style="text-align: center;">Human Resource Management</p>	<p>1. The Institute appoints adequate number of qualified faculty through the procedure of open advertisement and interview by internal expert committee. 2. Under the guidance of IQAC, the Institute organizes various FDP programs for both teaching and non-teaching staff members for upgrading their skills in the latest technology. 3. Medical leave provision is given to the faculty and staff members based on the request. 4. On duty is provided for pursuing higher studies, attending FDP courses, seminars, conferences, workshops, exam duties. 5. The faculty and staff members are entitled to avail summer and winter vacations, casual leave and compensation leave.</p>
<p style="text-align: center;">Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>1. Library is well equipped with reference books, textbooks, journals, periodicals and newspapers etc. 2. The Library housekeeping operations are automated through_____ Library Software. 3. The Library has subscription to N-LIST by UGC - INFLIBNET, through which teachers Research Students can access download many E-resources in respective subject.</p>

	<p>4. All computers are connected with access to internet and a total 5 classrooms are with LCD facilities wifi/LAN facilities.. 5. There are 2 Smart Classrooms equipped with state of art software and digital boards.</p>
Research and Development	<p>1. The Innovation and Incubation Cell is established with an objective of promoting research by students and the faculty members. 2. The Shri Bhujangrao Kulkarni Incubation Cell is established with an objective of promoting research by students and the faculty members. 3. Faculty members and students are motivated to publish their research papers in reputed national and international journals/conferences.</p>
Examination and Evaluation	<p>1. Examination committee conducts meeting twice in the year prior to University Examination in order to ensure smooth conduction of examination. 2. Committee also takes in to account to reduce malpractices and framed certain rules keeping in the view of regulation laid down by Dr. BBAMU. So far as committee has worked quite nicely to bring down malpractices and conduct examination very systematically. 3. Internal marks are allotted based on the assessment test marks and the student's attendance Percentage. Theory and practical examinations consists of two components Namely, External evaluation for 80 marks and internal evaluation for 20 marks.</p>
Teaching and Learning	<p>1. The prime responsibility of IQAC is to plan and supervise various activities which are necessary to increase quality of education in college. 2. Faculty Development program (FDP), Student Centric Method as well as Innovative Teaching methodologies are used to develops overall strength of student as well as staff. 3. Under the guidance of IQAC, each department is promoting the quality enhancement activities in academics through arranging Workshop, Conference and Seminar on different subject. 4. The internal and continuous assessment is done as per guidelines issues by the Dr. BAMU. 5. Academic and Research committee develops, designs academic calendar every year.</p>
Curriculum Development	<p>1. The college has ARC committee for</p>



proper execution and check for curriculum. 2. College has five programs which is affiliated to Dr. BAMU and follow their curriculum. 3. The committee also ensures well planned educational development under IQAC promotion for Co-curricular and various academic initiatives. 4. The IQAC ensures smooth functioning of curriculum. The management has active and lead role for implementation of feedback as well as proper action is taken after feedback analysis. The online as well as manual feedbacks are taken from students and parents.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	With the aim to produce immediate information in finance and Accounts i.e. "Single Click Accounting", this section of college is partially e-governed. The college uses the Tally ERP for the transparent functioning of Accounts department. The same software is used to generate various reports like Consolidated Day Book General Day Book Daily Cash Collection report.
Student Admission and Support	Student admission for the year 2018-2019 is carried out according to the norms of DTE and the process of admission was followed strictly. During the admission process admission forms are also provided to the students and one of the faculty helps him personally throughout the process. Students submit printouts and required documents at respected counters.
Examination	An examination cell is formed every academic year to carry out the University examination work. This cell works for the smooth functioning of exams. It takes care that each and every instruction and information is circulated among the students and students. To achieve Paperless communication between Exam and other departments, Examination section uses Gmail and Google Docs.
Planning and Development	? To use ICT in the process of planning college-events and activities, institute uses personal e-mails. Important notices and reports are also circulated manually and via e-mails. ? E-governance is the integration of Information and

	<p>Communication Technology in all the working processes of the system. It aims to minimize the manual efforts and improve the communication, create transparent system, and to be cost and time effective. To facilitate the same college is used ERP software with Student, Examination, Finance Account, Employee, Library Modules.</p>
Administration	<p>? To achieve the target of Paperless IQAC committee members of it started using Google facilities like: • Google sheet: For data collection from Various Departments. • Google Docs: To prepare notices and activity reports. • Google Forms: To prepare Feedback forms and get online feedbacks of Students, Parents. • Google Drives: To keep all department wise proofs. ? The college has Biometric attendance for teaching and non-teaching staff. ? The college campus is equipped with CCTV Cameras installed at various places of need. ? To surveillance on mobile by Director, application is available and software is available for surveillance on computer for college Authorities. ? WhatsApp Group helps to provide the brief notices of any event to be happened on college. ? WhatsApp Groups are also used for awareness and of smooth functioning of the same.</p>

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2020	Sanjay M Deshmukh	International Conference ICEEMSH	NA	1500
2020	Anand Humbe	International Conference ICEEMSH	NA	1500
2020	Vasisth Yadav	International Conference ICEEMSH	NA	1500
2020	Y M Khan	International Conference ICEEMSH	NA	1500
2020	Shivram Janjal	International Conference ICEEMSH	NA	1500

2020	Swapnil Kulkarni	International Conference ICEEMSH	NA	1500
2020	Shishir Rathod	International Conference ICEEMSH	NA	1500
2020	Pushkar Thigale	International Conference ICEEMSH	NA	1500
2020	Ashish Wahule	International Conference ICEEMSH	NA	1500
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	One Day workshop on SDL-II	NA	02/09/2019	02/09/2019	2	Nil
2019	One Day Workshop on Website Development	NA	13/11/2019	13/11/2019	3	Nil
2019	Practical Implementation of Networking Devices	NA	22/08/2019	22/08/2019	4	Nil
2019	Event "IEC Inauguration"	NA	09/10/2019	09/10/2019	6	1
2019	Seminar on "creativity in Diversity"	NA	15/09/2019	15/09/2019	4	2
2019	Seminar on " Scope of IOT in startups Entrepreneurship"	NA	18/10/2019	18/10/2019	4	1
2019	" Boot camp on IOT"	NA	18/10/2019	19/10/2019	4	1

2019	Expert talk on "Emerging trends in Machine learning Artificial Intelligence"	NA	04/12/2019	04/12/2019	3	Nil
2019	One Days Workshop on AI and ML	NA	04/12/2019	04/12/2019	3	Nil
2019	Event "Engineers Day" and Expert Lecture	NA	16/09/2019	16/09/2019	12	1
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
BYST Two Days Entrenuership Workshop	3	17/02/2020	18/02/2020	2
IOT Arduino Programming	5	12/02/2020	12/02/2020	1
"ICEEMSH -2K20"	43	28/02/2020	28/02/2020	1
Participation Exhibition organized by BhondwePatil Public School in Aurangabad	7	07/02/2020	08/02/2020	2
Participation 1stprize in Maha-expo 2K20 organized by MASSIA in Aurangabad	36	09/01/2020	12/01/2020	4
International Faculty Development Program "Strategies for smartly infusing innovation design and	43	16/01/2020	17/01/2020	2

analytics for transforming applied research, industry professional profile"				
Seminar on "ETAP" software	17	20/09/2019	20/09/2019	1
"Traitfitfacultyassessment Test"	38	24/09/2019	24/09/2019	1
Seminar on "Opportunities in JAPAN"	27	26/09/2019	26/09/2019	1
Visit of German chief "IRIS BECKER"	23	05/09/2019	05/09/2019	1
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
16	32	1	16

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Faculty members are promoted for self-development programs and higher education. 2. Various leaves available to teaching and non-teaching 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 non-teaching staff. Subsidized Transport facility for teaching and non-teaching staff.</p>	<p>. Accommodation facility for non-teaching staff. 6. Subsidized Transport facility for teaching and non-teaching staff. 7. Sweets are distributed to staff during Diwali festival. 8. Yearly Staff excursion 9. Payment of provident fund</p>	<p>1. Freeships for needy students. 2. Library Facilities including, Book Bank, journals etc 3. E-librated (E-Books Journals) 4. State of Art Computer labs with Internet Facilities. 5. Personal and Professional Counseling. 6. Health Counseling Facility. 7. Mentoring Program. 8. Free Transportation to girl students 9. Subsidized transport facility to students 10. Campus Recruitment Programme: The Academic pedagogy of the course curriculum is made complete through placement strategy that introduces students to the corporate world environment. Under the aegis of ICEEM at various constituent units through</p>

the T and P cell, various events are conducted to develop the all-round personality of students by making them personally and professionally updated for the corporate requirements. T and P cell broadly conducts the placement activities wherein it covers Pre-Placement Talks, live project work, industrial internship, invite corporate speaker. In fact, the Institute continues to maintain a consistent placement record since its inception. 11. Soft

Skills Programme: This Program includes training in Spoken English, ways and means to appear for an interview and total personality development basically good and effective communication skills. Putting ones best foot forward. Last year it was organized in collaboration of MM for only final year students and it will be organized on large scale for all engineering and management students in the coming academic year.

The response to the program was overwhelming amongst the rural based students. 12. Career Guidance Scheme: The growing interest and potential opportunities of Graduates/ Post graduate students, wishing to pursue their higher education and research across Globe. To fulfill the dream career of higher education of their choice, ICEEM always organizes lecture talks from eminent personalities from different fields to guide our students and explore

the different opportunities across the globe. ICEEM has a vision to offer foreign language courses, offering French, Spanish, German and Japanese languages.

## 6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows Internal external financial audit system.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
ICEEM	4205000	Salary
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

22188503

## 6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	University Affiliation Committee	Yes	IQAC
Administrative	Yes	University Affiliation Committee	Yes	IQAC

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Parent-Teacher Association (PTA) is a formal organization that consists of parents, teachers and staff that is intended to facilitate parental participation in a College. The goal of all Parent-Teacher Groups is to support their college, encourage parent involvement, support teachers, and organize events. Objectives: ? To foster and promote cordial relationship among the parents, teachers and students of the college/department. ? To help guide and participate in various developmental activities of the college. ? To render all

possible assistance for smooth working of the college and for maintaining good discipline in the campus. ? To institute scholarships/awards for deserving students of the college. ? To provide and ensure essential facilities to the students of the college. Activities of PTA 1. First Year Meetings (2019-20): PTA arranged a function to welcome the first year students and their parents on the day of commencement of the first year classes. A well arranged meeting was conducted on 08th September 2019. 2. Industrial Project: In continuation to the last year project, with an intention to improve the quality of teaching - learning process and for providing industrial exposure to students, PTA decided to help students from different streams to undergo industrial projects in their industries. 3. Teacher Guardian Scheme Implementation: In order to ensure better participation of parents, students, and teachers, PTA suggested the idea of implementing Teacher-Guardian scheme effectively for the benefit of students.

#### 6.5.3 – Development programmes for support staff (at least three)

ICEEM offers a wide range of learning opportunities to help support staff meet their professional development goals and boost their career. They provide instructor-led classes, certificate programs, leadership development and custom departmental programs, in addition to administering the Educational Assistance and Course Fee Courtesy programs. 1. Expert Talk by Known and Eminent Personalities: Expert talks are organized regularly by college management for all support staff on regular time interval to explore human values. 2. Yoga Session: Yoga sessions are organized regularly for support staff for maintaining their physical fitness. 3. Refreshing Program for all teaching and Non-teaching Staff In a Resort: A refreshing day was organized by college management in Hiranya Resort for all teaching and Non teaching staff along with family members for stress relieving and for a change from day to day activities.

#### 6.5.4 – Post Accreditation initiative(s) (mention at least three)

The following measures have been taken in the light of the suggestions made by the peer team in the previous reaccreditation cycle: 1. Teachers may be encouraged to acquire higher qualification through research: Lectures and workshops have been organized on various aspects of research, to update and motivate staff for undertaking research. This coupled with facilities offered has encouraged 2 teachers to complete pursue Ph.D and also a considerable increase in the number of research projects undertaken and publications by faculty members is seen. 2. Indoor sports facilities: We have extended indoor sports facilities and a good sports room with needed facilities. Students' open area is used for kabaddi and kho-kho. We also use college ground for practicing volleyball. Sports uniforms and shoes are provided to participating students as required. Our sports Incharge gives coaching in kho-kho, kabaddi and athletics to students who are interested in participating in different competitions at the college, inter-collegiate and inter university level. 3. Collaborative linkages with industry and institutes of research may be undertaken: Linkages have been established with an intention to place our students for internship, where they get on the job training and / or conduct short term research projects. The institution has also entered into collaboration with many industries for career guidance and placement. Experts from industry and institutes are invited for delivering guest lectures for our students on relevant topics. 4. Increased use of ICT-assisted teaching-learning methods: To facilitate better teaching-learning process many of the classrooms are equipped with smart boards and LCD projectors. The campus is Wi-Fi enabled so that teachers can use online resources for teaching. Many of our faculty members show/exhibit films and other related materials in the class through this facility. Our teaching methods have become more varied and interesting, with the use of these. 5. Initiatives for promoting research among faculty members:



The management has provided an impetus to research activities of faculty members by extending financial assistance for research projects, paper presentations at international conferences and book publications. Our research journal is now refereed with an ISSN. Our post-accreditation quality initiatives are therefore a reflection of our positive outlook towards objective evaluation stimulating us to make significant progress in the direction of women's education, welfare and thereby empowerment. As is evident, our activities are not just limited to the college but also extend towards the development of the neighborhood areas and the community at large. It is our constant endeavor to become an institution which will provide a common platform where contemporary technology meets quality education. This is congruent with our vision of enabling our primary stakeholders. i.e. our students to achieve self actualization.

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	No
c) ISO certification	No
d) NBA or any other quality audit	Yes

#### 6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	IQAC has conducted the Academic Audit	03/11/2019	03/11/2019	03/11/2019	44
2019	Review of Feedback Process	17/09/2019	17/09/2019	17/09/2019	8
2019	Review of Book bank facility	15/10/2019	15/10/2019	15/10/2019	8
2019	" Boot camp on IOT"	18/10/2019	18/10/2019	19/10/2019	63
2019	One Days Workshop on AI and ML	04/12/2019	04/12/2019	04/12/2019	28
2019	Seminar on " Scope of IOT in startups Entrepreneurship"	18/10/2019	18/10/2019	18/10/2019	36
2019	Seminar on "Current Industry Expectations"	14/12/2019	14/12/2019	14/12/2019	39
2020	"Reinventing Research (To transform Academician	15/05/2020	15/05/2020	15/05/2020	42

to  
Consultant)  
: Role of  
IPR for  
REVENUE  
GENERATION  
Mind to  
Market and  
Lab to Land"

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## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Induction Program of SE 2019	30/08/2019	30/08/2019	13	11
Career Guidance for Polytechnic students (IET college, Kannad)	09/10/2019	09/10/2019	17	19
Expert talk on "creativity in Diversity"	15/09/2019	15/09/2019	35	37
" Boot camp on IOT"	18/10/2019	19/10/2019	12	10
Seminar on "Opportunities in JAPAN"	26/09/2019	26/09/2019	13	15
Expert talk on "Emerging trends in Machine learning & Artificial Intelligence	04/12/2019	04/12/2019	12	16
Visit of German chief "IRIS BECKER	05/09/2019	05/09/2019	12	14
Guest talk in "Solar Energy and future scope with respect to mobility"	27/11/2019	27/11/2019	11	14
Shree	28/08/2019	28/08/2019	12	14

Pressing, Waluj, Aurangabad				
Rucha Engineering, Aurangabad	19/09/2019	19/09/2019	18	25
DDUKK, BAMU, Aurangabad	10/09/2019	10/09/2019	8	10
MGPL, Waluj, Aurangabad	16/10/2019	16/10/2019	10	15
Induction Program for DSE (CSE) students	30/08/2019	30/08/2019	16	18
Students' Approach to study Engineering	10/08/2019	10/08/2019	12	16
Ecosystem Development	14/11/2019	14/11/2019	30	32
Expert Global Solutions Aurangabad	17/10/2019	17/10/2019	20	26
KOYANA HYDROELECTRIC POWER STATION LIFE LINE OF MAHARASHTRA	11/10/2019	11/10/2019	18	22
Kalyan Toll Infrastructure Pvt. Ltd., Gangapur	15/10/2019	15/10/2019	20	28
Ready Mix Concrete Plant, Gangapur	15/10/2019	15/10/2019	14	20
Biogas and Solid Waste Management Plant, Mahindra Pvt. Ltd., Waluj MIDC, Aurangabad	26/10/2019	26/10/2019	12	18
Emerging Trends in Machine, Learning and Artificial Intelligence	12/04/2019	12/04/2019	10	12
Mahindra Pride school Training	01/09/2019	01/09/2019	25	30
Opportunities in Electric	27/09/2019	27/09/2019	13	11

Vehicle				
Rucha Engineering Pvt. Ltd., Aurangabad	19/09/2019	19/09/2019	12	18
Mikronix Gauges Pvt. Ltd. Aurangabad	16/12/2019	16/12/2019	18	16
Metalman Auto Pvt. Ltd. B-12 Plant, MIDC - Waluj,	09/09/2019	09/09/2019	6	15

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1.5

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	No	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
Nil	1	1	17/01/2019	1	Education of girls awareness camp	Women empowerment	15
Nil	2	2	17/03/2019	1	Education of girls awareness camp	Women empowerment	20
Nil	1	1	27/07/2020	1	COVID awareness camp	Social contribution	21
Nil	1	1	27/04/2020	1	COVID awareness	Social contribution	20

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## 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Professional ethics and code of conduct for ICEEM group	20/07/2020	<p>This Charter attempts to set a system of good governance. The promoters have founded ICEEM purely as their humble contribution to India's march to greatness. The rules, accordingly, set a course for its governance based upon selfless service, integrity and efficiency. It shuts out self-interest and private gain. ICEEM shall keep going forward with full faith that with the noble cause and the right path it has chosen, it shall, always be entitled to support from philanthropists in India and abroad. Income Tax Department has also granted to ICEEM tax concessions under sections 12A and 80G. ICEEM is an integrated campus established with the approval of AICTE. It is committed not only to provide all the facilities and services for the students and teachers as are prescribed by the AICTE, but also to do everything possible to provide world class technical education and research of a very high quality. As the name of the centre suggests, attempts will always be made to build up and to sustain a student friendly and excellent intellectual academic environment. Location of ICEEM in a large and growing industrial area has immense potential. It will facilitate effective interface between academy</p>

of the centre and neighboring industries. It will provide students of ICEEM an easier access and exposure to most modern industrial processes and practices. It shall also have good scope for campus interviews and placements. Indian Institute of Rural Workers (IIRW) and the Institute of Technology, Management and Research (ITMR ) are two registered charitable societies and 5 public trusts. They have jointly established ICEEM as a joint venture with a commitment for nurturing internationally acceptable excellent quality technical education and research in Engineering and Management. Several industrial bosses, successful Entrepreneurs, Educationists, Engineers, Social Workers two of them of world fame and Administrators are among the founders and members of these two societies. All of them are keen to support ICEEM in every possible way. Any society, anywhere, can be proud of such capable and supportive membership. The two societies have signed a Memorandum of Understanding (MOU) describing their respective roles and shares in the development and management of ICEEM. That MOU shall be the basis of this Charter and all the Rules, Regulations, Byelaws or Procedures made, from time to time, to manage the various activities undertaken by ICEEM and shall be binding in its

letter and spirit upon all the authorities, office bearers and officers of the centre. More specifically, the primary responsibility of repaying, servicing or discharging of all the loans obtained from banks or capital investments made by the two promoter societies for development of ICEEM under the M.O.U. or otherwise, shall be on the ICEEM. The payments of interest and principal installments on the above loans, deposits or investments shall be the first charge upon all the incomes and earnings of ICEEM and shall always be so presented in the financial statements of ICEEM. This Charter is made to declare the mission, vision and the values which the ICEEM shall follow and accomplish through various activities. The Charter also provides for ICEEM's organizational structure and describes the duties, responsibilities and powers as well as performance appraisal and accountability of ICEEM's various 6 authorities, office bearers and officers. The Charter may also be called ICEEM's Rules of Governance or ICEEM's Articles of Organization. Rules made from time to time by the affiliating University, AICTE, UGC and Directorate of Technical Education, Maharashtra State shall also be binding to the extent they are relevant and applicable.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
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Savitri Bai Phule Jayanti celebration	03/01/2020	03/01/2020	20
Jijaumaasaheb Jayanti celebration	12/01/2020	12/01/2020	19
Swami vivekanand Jayanti celebration	12/01/2020	12/01/2020	19
Netaji subhas chandrabos Jayanti celebration	23/01/2020	23/01/2020	19
Sent sevalalmaharaj Jayanti celebration	05/02/2020	05/02/2020	18
Chatrapati Shivaji maharaj Jayanti celebration	19/02/2020	19/02/2020	19
Sent ravidas maharaj Jayanti celebration	19/02/2020	19/02/2020	19
Vasantrao naik Jayanti celebration	01/07/2020	01/07/2020	14
Lokmanya tilak Jayanti celebration	23/07/2020	23/07/2020	18
Annabhau sathe Jayanti celebration	01/08/2020	01/08/2020	18
<a href="#">View File</a>			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Green landscaping with trees and plants: Campus is one of the greenest and cleanest campus in the region. Harboring abundant greenery which inhabits a variety of flora and fauna. Other significant measure includes the installation of solar panels as a source of renewable energy. Also, institute encourages students and staff to participate in tree plantation activities. The natural landscape pre-dominates the campus with a rich biodiversity of flora and fauna which is taken care of by a dedicated team of workers. A continuous monitoring of the biodiversity is carried out by students, teaching and non-teaching staff. This helps in maintaining the land quality The college organizes periodical NSS camp to inculcate the values of plantation among the students and the faculties 2) Plastic free campus: The college sensitizes the staff and students to tackle the menace of plastics which are a major contributor to pollution. Since we believe in eco-friendly practices, everyone is discouraged from using plastic bags. Posters encouraging ideas of plastic free environment are displayed at prominent places inside the campus. Plastic bags are not allowed inside the campus and waste materials are thrown only in dustbins. Dustbins are allocated in different locations inside the campus. 3) Energy Conservation and Use of Renewable Energy College construction allows for natural ventilation and lighting throughout its campus which helps conserve the energy demand. Long slender and clerestory windows in library, nearly eliminates the need for artificial lighting. Energy efficient lighting fixtures like LEDs are used in all classrooms and departments. Hi speed internet Wi-fi facility facility are available in the college. 4) Water Conservation and Management Large green area of the college campus allows for percolation of water into the soil thereby facilitating recharging of underground water



reserves. College only uses non-potable water for maintaining its gardens. Rain water harvesting is also being practiced in the building. 5) Hazardous waste: Waste is an obvious culprit and pollutant, contributing to landfills and toxins which harm the earth's soil and atmosphere. Keeping this in mind, the waste material in college is segregated into as toxic and non-toxic wastes in the laboratories. Indiscriminate use of chemicals is discouraged during practical classes. .6) E waste management E-waste from labs is properly collected and is given to the licensed recycler, reused wherever possible, donated and sold if possible. Non-working computers, monitors, and printers are discarded and scrapped on a systematic basis. Some parts useful for other systems are kept aside for future use. Students are also imparted awareness and education about E-Waste Seminars and class teachings are given for the proper waste disposal. Use of plastic bags are discouraged in the campus Non-working computers, monitors and printers are discarded and scrapped on a systematic basis.

## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

7.2 best practices: Best Practice 1: Financial Aid to the deserving students by the college Objective: • It has been obtained from the profile students joining various courses of the college that there are many students coming from the rural areas with low economic back ground. • Their parents are unable to provide them a sustained financial support because agriculture, being a gamble with rain in the district, is not a source of assured income. So, the noble objectives of the practice are • To extend financial aid to the poor students, especially from the rural, to save them from discontinuation of their studies owing to poverty • To support financially institute gives scholarship to all the deserving poor students without any discrimination of caste, creed or gender. To promote the 'equality' among the students • • To inculcate the values of 'generosity' and a 'sense of social responsibility' among the students. The expected outcome is that the students should be able to complete their degrees with good marks. • The beneficiaries should treat the needy with the principle of 'lend a helping hand without discrimination.' Context: The noble objective had its teething as well as challenging troubles in its designing and implementation.Pooling up of the required resources was a tough task.Many students need financial support for admission fees.Most of them are deserving candidates who need help due to their financial backwardness. Practice : The college is situated in rural area where there were frequent droughts and famines. But the poor parents ambitious to send their children for higher education. Hence this practice is intended to help them with the meagre resources available. Evidence of Success: Our College has taken a firm resolve to extend financial support to the deserving students and help them to continue their education. The financial support is extended to the deserving poor students without any discrimination of caste and creed. The Director and admission committee of our college has been decided to provide admission fee for some deserving students by the available sources. Problems encountered: No problem encountered Best Practice 2: Title of the Practice: COVID Center and Activity Objectives: • To screen the peoples have some common COVID 19 infections • To diagnose and provide appropriate and adequate treatment for these health conditions • To provide referral services for complex health problems • To impart Health education for raising awareness and adoption of healthy lifestyle Context: ICEEM is one of the educational institute of Aurangabad situated at ruler area where facility regarding COVID 19 is less which directly impart life to overcome this problem. ICEEM has undertaken the task for these peoples. Recently, there is incorporation of health check-up of the teaching staff of institutes too. Practice: With mission of the ICEEM college continues its best practice of lending its hands in community development, since November 2019 , the pandemic situation Of COVID 19 created

uncertainty of human life and their survival on earth. Today whole world is fighting with the pandemic situation due to COVID 19 so that ICEEM boys hostel is made available as Quarantine center. ICEEM institute provided best facilities to quarantine center Feedback is collected from the representatives regarding the health in terms of regularity, punctuality, sincerity, quality. The collegel authorities provide ample support for this activity in terms of venue arrangement, , co-ordination of the activity Evidence of Success: Migrate people felt as they are living at their own home. Center made availability of tea, breakfast, lunch, dinner, tooth, brush, tooth paste, bath soap, cloth the college hadinstalled one large size TV set for the entertainment of these people. the proper care of health and medicine was given. Thesuccess of evidence it that all these migrate people had tears in eyes when they left for their native. They gave oral feedback as they felt they are living at their own home. Problems encountered: The magnitude of the task is very vast owing to the enormous number of peoples get infected. Hence, it is challenging to complete the task within limited time span and manpower. Monitoring the health is of very importance task. Apart from diagnosis of common /rare health problems, it is also essential to for adopting healthy lifestyle practices like personal hygiene, healthy diet, physical activity, hygiene, not falling prey to addictions, etc Title of the Practice 3: Industry Collaboration as a curricular aspect Objective : • ICEEM has an educational philosophy that establishes a bridging gap between theory and practice like industry and academics. • curriculum activity continuously being innovated upon and refreshed to reflect the latest developments in technology and trends within industry. • Pure academics are supplemented by industry collaboration Context: ICEEM is an reputed institute with a mission to advance knowledge and educate students in science, technology, and other areas. It is one of the fastest growing institute that has created an institutionalized framework for achieving a vibrant environment that successfully inculcates an ambience for experiential and cooperative learning and education. The Practice has introduced industry internship as integral part of its curriculum. maximum student has to do an industry internship before he graduates. The academic curriculum takes the classroom for a specified period to a professional location where the students and the faculty along with the industry experts get involved in real life problems. This ensures that an adequate number of suitable projects are available from the various organizations to comfortably accommodate all the students. Based on this information, the students submit their preferences for the various projects and organizations. Practice: Faculty Development Programmes :Workshops As the electives are designed by Industry Experts, the academic faculty should be trained in those emerging areas to effectively train the students., industries used to conduct workshops in Academic Campuses and their Development Premises with their own experts. During these workshops, faculty will be given exhaustive training on practical components. Industries also certify the faculty who successfully complete the workshops. These workshops are also called as Faculty Development Programmers. Workshops for Students : Industries regularly conduct workshops for students in emerging areas of technology and engineering. By this, industries directly address the students and train them in the best practices followed in industries. These workshops fill the gap between the faculty offering and industry requirement, College also organize Industrial Visits, Seminars, guest lectures Evidence of Success : model of education has a structured method for integrating education with practical work experience and accommodates an enriched environment Continuing successfully from last few years.Covers all disciplines maximum students participate.Average stipend paid by some industries to students Problems Encountered : Participation and sustained commitment and dedication of faculty members Active Student Participation Quality teaching cannot be defined in any one way. It must necessarily be understood differently so require Teaching Learning Centre for faculty

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://iceemabad.com/bestpractice2019-20.docx>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

ICEEM Institute has a vision of attaining a position in top 100 colleges in the country by 2025. Working towards this vision, the institute focuses on the development of the students and faculties on various fronts. The location of ICEEM in the industrial hub of Waluj M.I.D.C is a distinct and unique feature, which separates us from other colleges of the region. The industrial area of Waluj MIDC is aptly regarded as automobile hub as it is home to more than top 100 automobile companies and its ancillaries. These include Bajaj Auto, Endurance Systems, Varroc Engineering, Marathwada Auto Cluster, etc. Because of its proximity to various leading industries, we have signed up Memorandum of Understanding (MoU) with several companies. We do have prominent members from industries in our College Governing Body. Frequent meetings, seminars, workshops, etc are arranged with these industrialists so as to update and groom students as well as faculty members of ICEEM. Not only this, many industries provide internships to our students. They also provide access to their research and development facilities for students so that they remain at par with the industry standards. Frequent industrial visits are being undertaken for the students of ICEEM so as to upgrade their knowledge and keep them abreast with changing industry standards. Moreover, few industries also share their production facilities with students for completing their final year projects. Under this Skill enhancement, the students are not just restricted to attaining good marks but also, successfully using their knowledge and skills for the betterment of the society. Students from different departments have or are in a process to register patents for their respective projects. No doubt, the contribution from these industries has helped our ICEEM students to achieve new heights in their career. Job fairs are also being regularly conducted for the students of final year polytechnic colleges, in our ICEEM campus. Most of the reputed companies have their stalls in these fairs. ICEEM provides a well establish platform to bridge the gap between industry and academia. Finally, our ICEEM students get chance to prove their worth while appearing for interviews (Both On-campus and Off-campus). This uniqueness for ICEEM has proved advantageous in terms of increased interaction with the industries.

Provide the weblink of the institution

<https://iceemabad.com/7.3institutionaldistinctiveness.docx>

### 8.Future Plans of Actions for Next Academic Year

1. To initiate startup activities on the campus.
2. To initiate Section 8 company activities under IIC.
3. To introduce students welfare gender difference schemes 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 IPR cell to promote research innovation in students as well as faculty.
9. Awareness program 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 Teaching Learning and Research Methodology for quality research work.
12. Online feedback system for students other stakeholders.
13. To ensure the quality of academic programs.
14. To organize a variety of co-curricular activities for the holistic development of students in a present competitive world.
15. To create resources

and utilizing them for the educational upliftment of common people.