



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	INTERNATIONAL CENTRE OF EXCELLENCE IN ENGINEERING AND MANAGEMENT
Name of the head of the Institution	Dilipsingh C. Gour
Designation	Director(in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02402558123
Mobile no.	9403770201
Registered Email	director@iceemabad.com
Alternate Email	adminofficer@iceemabad.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

2. Institutional Status																			
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.		02402558112																	
Mobile no.		9403770201																	
Registered Email		hodetc@iceemabad.com																	
Alternate Email		asm333999@gmail.com																	
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)		https://www.iceemabad.com/SSR%20Report.PDF																	
4. Whether Academic Calendar prepared during the year		Yes																	
if yes,whether it is uploaded in the institutional website: Weblink :		https://iceemabad.com/Academic%20Calendar%201%20%202%20Sem%2018,19.pdf																	
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.26</td> <td>2019</td> <td>28-Mar-2019</td> <td>27-Mar-2024</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.26	2019	28-Mar-2019	27-Mar-2024
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B	2.26	2019	28-Mar-2019	27-Mar-2024														
6. Date of Establishment of IQAC			05-Jul-2017																
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															
Expert lecture on		18-Sep-2018		23															

emotional intelligence	1	
FDP on Stress Management	15-Oct-2018 1	176
Workshop on Drafting of Research Proposal	09-Apr-2018 1	48
Faculty Development Program on Stress Management	15-Oct-2018 1	46
Workshop on Importance of Qualitative & Quantitative Metrics in NAAC	21-Aug-2018 1	48
IQAC has conducted the Academic Audit	03-Aug-2018 1	55
Workshop on Intellectual Property Rights	21-Dec-2018 1	38
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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
ICEEM	Industry sponsored Projects	GIZ	2018 365	1.85
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

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

[View File](#)

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

No

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

No. of Departmental Events (Workshops /Competitions/Expert lectures) 22

Industrial Visits organized 12

Papers published in National/International Journals by Faculty members 10

Events/Conferences/Workshops/Faculty Development Programs attended by Faculty Members 31

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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
Academic & other supportive Activities planned as per the Academic Calendar	Conducted all curricular, cocurricular & extra curricular activities as per schedule
Planned to attend maximum Events/Conferences/Workshops/FDPs to be attended by Faculty Members	Attended 31 Events/Conferences/Workshops/FDPs by the faculty members
Planned maximum research papers to be published in National/International Journals by Faculty members	Published 10 National/International research papers
Planned per department 2 Industrial Visits / Field trips	Organised 12 Industrial Visits / Field trips
Planned to conduct Events/Workshops/Competitions	Conducted 22 Events/Workshops/Competitions
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee (CDC)	13-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

2019

Date of Submission	08-Mar-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	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.

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
Introduction on Cloud Computing and Hadoop	NA	24/09/2018	3	Employability	Cloud Computing

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MBA	MBA	30/06/2018
BE	Computer Science and Engineering	15/07/2018
BE	Electronics & Telecomm. Engineering	15/07/2018
BE	Civil Engineering	01/06/2018
BE	Mechanical Engineering	01/06/2018
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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
MBA	Finance, HRM, Marketing, Production and Operations Management	30/06/2018
BE	Computer Science and Engineering	07/06/2018
BE	Civil Engineering	01/06/2018
BE	Electronics and Telecommunication Engineering	15/07/2018
BE	Mechanical Engineering	01/06/2018

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

	Certificate	Diploma Course
Number of Students	28	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	01/06/2018	175
Environmental Science	01/06/2018	159
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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	Civil Engineering	30
BE	Electronics and Telecommunication Engineering	13
BE	Mechanical Engineering	16
BE	Computer Science and Engineering	7
MBA	Marketing, Finance, HR, POM	32
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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

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. 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	45	3	3
BE	Computer Science and Engineering	45	16	16
BE	Civil Engineering	45	10	10
BE	Mechanical Engineering	90	8	8
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
2018	457	83	39	6	Nil

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

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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
540	45	1:12

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
55	55	Nil	10	2

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
2018	Prof.Rohit K.Paithane	Assistant Professor	Gold Performance Award received from Quality Circle

[View File](#)**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
BE	251637210	2018-19	27/05/2019	29/08/2019
BE	251624210	2018-19	27/05/2019	29/08/2019
BE	251661210	2018-19	27/05/2019	29/08/2019
BE	251619110	2018-19	27/05/2019	29/08/2019
MBA	251610110	2018-19	30/03/2019	27/09/2019

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

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)

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
251637210	BE	Electronics and Telecomm	13	9	69.23

		unication Engineering			
251624210	BE	Computer Science and Engineering	11	10	90.9
251661210	BE	Mechanical Engineering	40	11	42.5
251619110	BE	Civil Engineering	22	13	59.1
251610110	MBA	MBA	28	27	96
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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/sss201819.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	1.85	1.85
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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
Workshop on Intellectual Property Rights	IQAC	21/12/2018
Workshop on Entrepreneurship and start up	IQAC	04/10/2018
Seminar on Entrepreneurship	ETC	22/09/2018
INTRODUCTION TO FUSION 360	Mechanical	03/08/2018
RECENT TRENDS IN MANUFACTURING	Mechanical	29/08/2018

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
Best Presentation Award for IOT implementation	Prof. Rohit Paithane	QCFI, Aurangabad	24/08/2019	IOT Implementation

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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
NA	NA	NA	NA	NA	Nil

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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	2	5.92

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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	2

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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	00	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	00

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	16	6	33

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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
Cleanliness Drive on 12/08/18	NSS	1	25
Blood Donation Camp on 4-10-2018	NSS	1	25
Helmet Rally under Traffic safety Program on 12-01-2019	NSS	1	30

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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/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Cleanliness Drive on 12/08/18	NSS	Cleanliness Drive on 12/08/18	1	25

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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. Junaid Khan	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
Off Campus	Industrial	Yashshree	25/08/2018	25/08/2018	24

Training	Visit	press Comp. Waluj, Aurnagabd.			
Off Campus Training	Industrial Visit	Luans Electronics MIDC Chikhalthana	25/10/2018	25/10/2018	47
Off Campus Training	Industrial Visit	MEASUREWELL TECHNOVISION Pvt Ltd., Waluj, Aurangabad	25/09/2018	25/09/2018	112
Off Campus Training	Industrial Visit	SANJEEV AUTOPvt Ltd., Waluj, Aurangabad	20/10/2018	20/10/2018	76
Off Campus Training	Industrial Visit	METALMAN AUTOPvt Ltd., Waluj, Aurangabad	04/09/2018	04/09/2018	91
Off Campus Training	Industrial Visit	Jijai Industries, situated in MIDC, Waluj	13/03/2019	14/03/2019	87
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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
Brainberg LLP	04/01/2019	For Students and Faculty Development	125
Witskeeper	26/02/2019	For IPR Activities	5
Milind Arts College	02/07/2018	Academic	20
Dr. Baasaheb Ambedkar Arts and Commerce clolege, Aurangabad	30/11/2019	Academiic	40
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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	173.38

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
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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 patially)	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	Nill	Nill	11169	3601380
Reference Books	431	5300	Nill	Nill	431	5300
e-Books	135000	Nill	135000	Nill	270000	Nill
Journals	36	73374	Nill	Nill	36	73374
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
View File						

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
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NA	NA	NA	Nil
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	60	1	0	0	0	60	0
Added	0	0	0	0	0	0	0	0	0
Total	270	8	60	1	0	0	0	60	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
15	957259	10	519154

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	372	4463229
Financial Support from Other Sources			
a) National	Schemes as per Government norms	538	14762938
b) International	No Scheme	Nil	0

[View File](#)

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
Introduction of current market trends on Big Data	16/03/2018	27	Cloudlytics
Data science and Machine learning	06/10/2018	24	EH1 Infotech
Opportunity in Offshore project and IT	07/04/2018	31	ICEEM
SDP on Stress Management	15/10/2018	15	ICEEM
Connect With work	16/01/2019	45	Rubicon/Barclay Pune
Remedial coaching	03/09/2018	30	ICEEM
Personal Counselling-Teacher Guardian scheme	01/09/2018	56	ICEEM

Emotional Quotient	22/09/2018	96	Mr.Kishan Watni
Remedial coaching	17/04/2019	30	ICEEM
Entrepreneuership Guest Lecture on Startup at GINET	22/09/2018	67	ICEEM GINET Victor Crespo

[View File](#)

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
2018	NIL	1	4	Nil	Nil

[View File](#)

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
Laxmi Agni Forging Aurangabad	8	Nil	Future Supply Chain Nagpur	3	1

[View File](#)

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
2018	2	BE	CSE	ICEEM COLLEGE	MBA
2018	1	BE	MECH	Monash University	MS

[View File](#)

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
Nil	Nil

[View File](#)

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

Activity	Level	Number of Participants
Cultural Activities - 12	Institute level	217
Sports Activities - 16	Institute level	166

[View File](#)

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nil	NA	Nil	Nil	Nil	NA	NA

[View File](#)

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 2018-19) 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 Kalidas Kankute 2 General secretary Mahesh Tupe 3 Sports Secretary Sachin Mane 4 Reservation Representative Vinay lahane 5 Cultural Representative Gayatri patil 6 Gents Representative (Hostel) Sanket Wankude 7 Ladies Representative (College) Sunita Kawale 8 NSS Representative Shubham Mote Funding There is no special funding from government bodies. The institute and council bearers the responsibility of all expenses. Activities The Students' Council organizes many activities through its representatives viz. • Annual Social Gathering • Expert

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

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 2018-19) 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 Kalidas Kankute 2 General secretary Mahesh Tupe 3 Sports Secretary Sachin Mane 4 Reservation Representative Vinay lahane 5 Cultural Representative Gayatri patil 6 Gents Representative (Hostel) Sanket Wankude 7 Ladies Representative (College) Sunita Kawale 8 NSS Representative Shubham Mote Funding There is no special funding from government bodies. The institute and council bearers 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

5.4.2 – No. of enrolled Alumni:

88

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. Management committee takes case of infrastructure facilities which fulfil the quality and the required needs of the higher education bodies to reach the set goals or bench-marks of the Institution. It also extends all the amenities for the teaching and nonteaching faculty and students. College Governing Council takes care of financial management and the implementation of facilities for the institution with the cries to upgrade the standard of amenities which supports effectively the teaching learning and research aspects.

1. Director Level: Director is the member secretary of the governing body and chairperson of the IQAC. All academic and operational policies are based on the unanimous decision of the governing body, the IQAC and the teachers of the college. Following committees are constituted in accordance to government guidelines: ?Internal Quality Assurance Cell (IQAC) ? Library Management Committee ? NSS Activities Students Welfare Committee ? Admission committee ? Women’s Grievance cell ? Anti-Ragging Committee ? Accreditation and Affiliation 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. Following are the different sub-committees which were nominated by Director in academic year 2018-19 ? Training and Placement and Cell ? Discipline committee ? College Infrastructure Cleanliness, Girls Common Room, and Water Supply maintenance cell 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. Functioning of different roles and responsibilities at various clubs and committees for further reinforces decentralization ? General Secretary ? Cultural Secretary Sport’s secretary ? Ladies Representative ? Presidents and Council members of departmental students Associations ? Canteen maintenance secretary ? Departmental association

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.

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

Yes

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
Admission of Students	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 IQA and forms for the Framework 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 programme etc. 4. Committees from each department are framed to counsel the students regarding their programs or course. 5. Counselling is also done regarding different programs.

Industry Interaction / Collaboration

The college has established MoUs with reputed core industries to enhance Industry-Institute Interaction activities like industrial visits, in-hand trainings, value added courses, guest lecture etc., for the professional development of students and faculties

Human Resource Management

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.

Library, ICT and Physical Infrastructure / Instrumentation

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. 1. All computers are connected with access to internet and a total 5 classrooms are with LCD facilities Wi-Fi/LAN facilities. 2. There are 2 Smart Classrooms equipped with state of art

software and digital boards.

Research and Development

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.

Examination and Evaluation

1. Examination committee conduct 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.

Teaching and Learning

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, design academic calendar every year.

Curriculum Development

1. The college has ARC committee for 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
<p>Planning and Development</p>	<p>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 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 LMS software with Student, Examination, Finance Account, Employee, and Library Modules.</p>
<p>Administration</p>	<p>To achieve the target of Paperless IQAC committee members of it started using ERP Google facilities like: • ERP Google sheet: For data collection from Various Departments. • ERP Google Docs: To prepare notices and activity reports. • ERP Google Forms: To prepare Feedback forms and get online feedbacks of Students, Parents. • ERP 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>
<p>Finance and Accounts</p>	<p>With the aim to produce immediate information in finance and Accounts i.e. "Single Click Accounting", this section of college is partially e-</p>

	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 form 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.

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
2019	NA	NA	NA	Nil
2018	NA	NA	NA	Nil
View File				

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)
2018	Induction Program of SE 2018	NA	14/08/2018	14/08/2018	6	2
2018	Events Teachers Day	NA	05/09/2018	05/09/2018	26	1

2018	Combined meeting of BE and TE students with Teachers	NA	21/09/2018	21/09/2018	5	1
2018	Alumni Interaction	NA	15/09/2018	15/09/2018	6	2
2018	Event IEC Inauguration and Guest lecture on Entrepreneurship and startups	NA	04/10/2018	04/10/2018	13	1
2018	A social Activity- Visit to Jijamata Balak Ashram	NA	25/10/2018	25/10/2018	3	1
2019	Industrial Automation	NA	22/02/2019	22/02/2019	5	Nil
2019	Guest Lecture on Bridge the gap with emerging Technologies	NA	12/04/2019	12/04/2019	7	Nil
2019	Expert lecture on Rocket making and Launching	NA	18/08/2018	18/08/2018	4	1
2019	Webinar on IOT and Machine Learning	NA	22/08/2018	22/08/2018	5	1
View File						

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
State level workshop on PLC and SCADA	3	24/02/2019	25/02/2019	2

Workshop HADOOP	4	24/09/2018	28/09/2018	5
Event Ted-Ex, JNEC	1	28/09/2018	29/09/2018	2
FDP Importance on Qualitative and Quantitative Metrics in NAAC	4	21/08/2018	21/08/2018	1
FDP on New NAAC methodology	1	11/02/2019	13/02/2019	3
Intellectual Property Rights	1	21/12/2018	22/12/2018	2
Automation Training	2	18/12/2018	18/12/2018	1
Workshop on NAAC	1	28/09/2018	28/09/2018	1
Workshop on Startup Boot Camp	1	06/10/2018	07/10/2018	2
Workshop on Driverless Car	2	20/09/2018	20/09/2018	1
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
16	55	1	16

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>1. 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. 5. Accommodation facility for non-teaching staff. 6. Subsidized Transport</p>	<p>1. 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. 5. Accommodation facility for non-teaching staff. 6. Subsidized Transport</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</p>

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 10. All the non-doctoral staff members are encouraged to get enrolled for part-time Ph.D. Program. 11. Full fledged canteen is available in the campus to provide food and snacks at reasonable price to the staff and students. 12. The wards of the staff are encouraged to take admission to B.E degree course/MBA course based on merit from and appropriate concessions are provided. 13. Teaching and Non-Teaching Staff Club organizes tour, and sports activities for the staff.

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 10. All the non-doctoral staff members are encouraged to get enrolled for part-time Ph.D. Program. 11. Full fledged canteen is available in the campus to provide food and snacks at reasonable price to the staff and students. 12. The wards of the staff are encouraged to take admission to B.E degree course/MBA course based on merit from and appropriate concessions are provided. 13. Teaching and Non-Teaching Staff Club organizes tour, and sports activities for the staff.

complete through placement strategy that introduces students to the corporate world environment. Under the aegis of ICEEM at various constituent units through 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	763480	salary
View File		

6.4.3 – Total corpus fund generated

27826684

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	IAC

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 (2018-19): PTA arranged a function to welcome the first year student and their parents on the day of commencement of the first year classes. A well-arranged meeting was conducted on 12th August 2018. 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. Program for mental peace: A program for attaining zero state of mind was organized for support staff. It was delivered by Prof. V.M Chidri and the attendees were all teaching and non-teaching staff and support staff. 2. Yoga Session: Yoga sessions are organized regularly for support staff for maintaining their physical fitness. 3. Motivational sessions by Deputy Collector: A regular guidance lecture was scheduled by Metal-Man Auto pvt. Ltd in ICEEM seminar hall. Availing the benefits of MoU with Metal-Man Auto pvt. Ltd, ICEEM support staff were allowed to attend the sessions delivered by the Deputy collector of Aurangabad.

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

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. 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. 3. 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. 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
2018	IQAC has conducted the Academic Audit	03/08/2018	03/08/2018	03/08/2018	55
2018	Review of Feedback Process	13/09/2018	13/09/2018	13/09/2018	6
2018	Review of Book bank facility	15/09/2018	15/09/2018	15/09/2018	7
2018	Workshop on importance of Qualitative and Quantitative metrics in NAAC	21/08/2018	21/08/2018	21/08/2018	42
2018	FDP on Stress Management	15/10/2018	15/10/2018	15/10/2018	176
2018	Workshop on Drafting Research	09/04/2018	09/04/2018	09/04/2018	32

	Proposal				
2018	Workshop on Intellectual Property Rights	21/12/2018	21/12/2018	22/12/2018	38
2018	Expert lecture on emotional intelligence	18/09/2018	18/09/2018	18/09/2018	23
View File					

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
Event "IEC Inauguration" and Guest Lecture on " Entrepreneurship and Startups"	04/10/2018	04/10/2018	20	18
Industrial Automation	22/02/2019	22/02/2019	15	14
Guest lecture on "Bridge the gap with emerging Technologies"	12/04/2019	12/04/2019	20	19
Workshop "HADOOP"	24/09/2018	26/09/2018	11	9
Guest lecture on 'Industrial Automation'	22/02/2019	22/02/2019	17	18
Expert lecture on "Rocket making and Launching"	15/08/2018	15/08/2018	20	18
Expert lecture on "Vision of Youth towards growing Technology"	16/08/2018	18/08/2018	28	28
Seminar on Entrepreneurship	22/09/2018	22/09/2018	25	30
State Level workshop on	24/02/2019	25/02/2019	5	8

"PLC SCADA"				
Data science and machine learning	18/10/2018	18/10/2018	15	8
Induction Program for SE and DSE.	21/09/2018	21/09/2018	45	50
Importance of Geology in Civil Engineering	04/10/2018	04/10/2018	8	12
Visit to Bhandardara Dam, Ahemadnagar, Maharashtra.	16/10/2018	16/10/2018	15	20
Visit to Gargoti Museum, Sinnar, Maharashtra	16/10/2018	16/10/2018	15	20
Introduction To Fusion 360	03/08/2018	03/08/2018	10	13
RECENT TRENDS IN MANUFACTURING	29/08/2018	29/08/2018	15	18
Expert lecture on "Emotional Intelligence	18/09/2018	18/09/2018	45	50
Session on " Personality Development	05/10/2018	05/10/2018	48	58
Visit to Rucha Engineering Pvt. Ltd.	04/10/2018	04/10/2018	15	20
Engineering Education	01/08/2018	01/08/2018	35	40
DDUKK, Dr. B. A. M. University	17/10/2018	17/10/2018	11	12

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
15.36

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
Rest Rooms	Yes	Nil
Braille Software/facilities	No	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
2018	1	1	12/08/2018	1	Pollution control camp	a) Proper Management of garbage b) Collection and proper disposal of plastics in surrounding region of garbage and plastics in surrounding areas	25
2018	1	1	17/01/2019	1	Mulgi shikli pragati zali Redressal Committee	Importance of Girls education for the development of Nation	15
2018	1	1	12/08/2018	1	Cleanness drive	Remedies against pollution control	13
2018	1	1	17/07/2019	1	Cleanness	Current scenario of environment and need of sustainable development	20

						ment	
2018	1	1	17/03/2019	1	Mulgi shikli pragati zalil	Importance of Girls education for the development of Nation	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	16/07/2018	<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</p>

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 of the centre and neighbouring 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
Savitri Bai Phule Jayanti celebration	03/01/2019	03/01/2019	15
Jijaumaasaheb Jayanti celebration	12/01/2019	12/01/2019	16
Swami vivekanand Jayanti celebration	12/01/2019	12/01/2019	15
Netaji subhaschandra bos Jayanti celebration	03/01/2019	03/01/2019	16
Sent sevalalmaharaj Jayanti celebration	05/02/2019	05/02/2019	18
Chatrapati Shivajimaharaj Jayanti celebration	19/02/2019	19/02/2019	19
Sent ravidasmaharaj Jayanti celebration Sent ravidasmaharaj Jayanti celebration	19/02/2019	19/02/2019	20
Sent ravidasmaharaj Jayanti celebration	23/02/2019	23/02/2019	21
Yashwantraochavan Jayanti celebration	12/03/2019	12/03/2019	18
Shahid din	23/03/2019	23/03/2019	18

[View File](#)

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 college finds immense pride in the fact that it has been able to maintain the pristine state of nature in its campus. 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. College has plants, like Mangifera indica (Mango), Syzygium cumini (Jamun), Citrus limon (Lemon), Delonix regia (Gulmohar), Magnolia champaca (Champa), Azadirachta indica (Neem), Saraca asoca (Ashoka), Adansonia digitata (Baobab) and so on. 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.

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 is available in the college campus. Further, students are encouraged to submit assignments online and wherever possible, e-circulars are used for communication in all departments. To promote use of renewable energy solar water heaters are installed in the college hostel.

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. To promote effective conservation of water, Conscious efforts are made by the gardening committee to use new plant varieties requiring less water to further this initiative.

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. The college does not use radioactive substances in their laboratories. Mild chemicals are used for cleaning and maintaining the campus. In order to dispose the acid fumes, chemistry labs are equipped with exhaust fans and fume hoods. Use of pesticides and other harmful chemicals in the garden is replaced by adopting organic methods of gardening wherever possible

6) E waste management 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. If some parts are useful, in other systems they are kept aside for future use.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1: Title of the practices: Student of the Month Objective : 1. To encourage students to come out of their comfort zone and show excellence in academic as well as beyond the curriculum activities. 2. It also helps in promoting positive and appropriate behavior among other students in the classroom. 3. It will show increased participation among students in everyday classroom duties and responsibilities. 4. Also, it creates a feeling of pride and achievement among students thus, pushing them to be more productive. Hence, it prepares them to become a true professional Context: MBA department has motivation scheme for students named as 'Student of the Month' which is declared in the last week of every month (One student from each year). Students are selected on the basis of their overall performance in the college during that particular month. Certificates are issued to them and their names are displayed on the department notice board outside the classrooms. It gives a boost to all the students to enhance their performance in an effective manner

on regular basis. Practice: Students are requested to fill up an online form wherein they report his/her academic and other co-curricular activities he/she had undertaken during the month. Performance is judged on the basis of results.

The students are required to fill up this form online. The results of the survey are used as a measure of potential and quality of a student. The scores are compiled using a customized software. Score is given by the reporting officers. The total marks obtained by each student are then tabulated and sorted in a descending order. In order to make the scheme broad based Evidence of Success: The new evaluation scheme has been in use since the last 3 years. Scores have been solely used as a feedback tool for improving the performance of the students. Scores emphasize on the primary responsibilities of a student and include feedback on intellectual competence, integrity, and a spirit of scholarly inquiry, effective knowledge dissemination, improved ways of presenting material and the ability to stimulate and cultivate the intellectual interest of students. The overall score of each student is computed and highest score is awarded as the best for the month. This has created a healthy competition where each student is making efforts to excel in one or more parameters. Problems encountered: No problem encountered Best Practice: 2.

Title of the practices: Visit to orphan Objective: • To encourage students beyond the curriculum activities. • It also helps in promoting positive and appropriate behavior towards society • It will show increased participation among students to celebrate our festivals with orphanage students • It helps to Increase moral values • To provide counseling, motherly care and education for its children. • To support the children spiritually and morally • To provide medium through which children of the home can express their love towards their neighbor Context: ICEEM is one of the leading educational institutes in Aurangabad providing quality education in Engineering and Management. Ours is a professionally managed organization under the able leadership of our founder Chairman Shri. Bhujangrao Kulkarni (Retired. IAS Officer). We at ICEEM believe in the importance of the responsibility towards the society and paying back to the people of our country in particular and the world as a whole. To bring awareness about donation to orphanage in our students we have visited at Jijamata Balak Ashram which is orphanage institute in Aurangabad, Maharashtra.

As we all aware that a small amount can change the life of child through education, nutrition and basic protection, children can lead normal lives. Practice: ICEEM college students and ETC faculty members under IEC association visited at JijamataBalak Ashram, Auangabad on 25th October 2018 for donation to Orphan children and to bring happiness in them. We have donated the cloths, food, shoes and other other accessories to JijamataBalak ashram children and spent quality time with them. Also we have conducted small competitive and joyful activities to expose the qualities and talents in children. During the time of donation we had assistance from President Mr. Diulip Rout, Prisident, JijamataBalak-ashram and other staff members from ashram. Evidence of Success:

From this unique practice, many students participated and celebrate their birthday's festivals with orphanage students Problems encountered: It has been observed that few students are not willing to go for the same due to academic work hence we cannot make it compulsion Best Practice: 3: Title of the practices: Startup and innovation Objectives: • Centre for Innovation, Incubation and entrepreneurship is established to facilitate Innovation through Research and collaboration for translating domain expertise into products or technologies. • The Centre aims at fostering entrepreneurial spirit, promote start-ups by providing appropriate incubation facilities, offer consultancy services and improve industry institute interaction. • It create products and technologies that address the societal needs and also nurture the innovative minds. • It Create an ecosystem for innovation and entrepreneurship through incubation support, facilitation of technology transfer for commercialization by multidisciplinary approach. • To provide the opportunity for students to use their learning to solve complex engineering challenges, through projects. The

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Context: Promote culture of entrepreneurship through various activities - Entrepreneurship Awareness lectures, Entrepreneurship Development Programmes, education, training, Summit, FDP, Discussion Forums that facilitate creativity and innovation. Transform prototypes and proof of concepts into Product/Technology/Service across the campus. Become a hub for entrepreneurial activities across the state. Build strong network of Mentors/Advisors across the verticals. Provide necessary infrastructure support to incubate to progress in their ideas. Facilitate interaction between industry, awareness and mentoring and also encourage social entrepreneurship. Assessment of General Enterprise Tendency of Students and Faculties, initiate Motivational Talk. Conduct Design Thinking, Design Innovation Rapid Prototype, Enterprise Development and Business Modelling, Market Research Tools Workshops. Create awareness about IPR Technology from Reimbursement strategy Practice: The Practice and its uniqueness in the context of Imagine, Innovate and Implement is truly reflected by Innovating setup that are performing in the campus. Centre for Innovation has been set up with the objective of creating a forum for industry, institution to work together for development and Encouraging Faculty/Student The projects getting incubated are expected to mature into a viable Business Enterprise at the end of the Incubation period. The final outcome will also depend on the type/stage of Project taken up for Incubation Evidence of Success: Focused efforts by faculty in truly embracing, happened through small innovations in the teaching learning process, innovations in assessment tools and ensuring that every student has the expected knowledge, skills and attitude. Faculty contribution towards successful implementation. Few parameters that are considered as evidence towards successful implementation are 1) Enhanced quality of projects 2) Enhanced number of faculty publications Problems Encountered: Resources Required Any Innovation to take the product shape, there is need for Involvement of multiple departments. The product is usually a multidisciplinary effort. The facilities and expertise is now at different department. an effort to bring these innovating centers and facilities under single umbrella happened with formation of Centre for Innovation Incubation and Entrepreneurship . It is housed in the Ground floor of the building.

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

Following are the future plans of the institution for AY 2018-19

1. To set up Clean, Green, and Polythene free Campus.
2. Green Audit to be done by Expert Team.
3. Workshop and conference for students on the skill development program.
4. To arrange International FDP for faculty Students.
5. Industrial visits to be organized for students by each department.
6. Startups Innovation awareness program on Entrepreneurship for Students
7. To increase national International Linkages with Industries establish a skill-driven Industry-Academia atmosphere in the Campus.
8. To increase the number of MoU's by each department for student and faculty exchange.
9. Conducting IPR related activities to promote research innovation.
10. Pay attention to ecosystem development.
11. To arrange seminar/webinar/workshop on Artificial intellectual, Machine Learning, Internet of Things (IoT) Industry 4.0
12. To set up functional incubation cell establishment of IIC.
13. To arrange a soft skill development program for students with the help of Mahindra pride school, under CSR activity.
14. To introduce increase various Health Care Programs like Yoga Day, Group discussion, and stress relief programs for faculty Students.