



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	DEOGIRI INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES
Name of the head of the Institution	Dr.Ulhas D. Shiurkar
Designation	Director
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02402367567
Mobile no.	9011078272
Registered Email	admin@dietms.org
Alternate Email	shiurkar@gmail.com
Address	Deogiri Campus, Station Road, Aurangabad, Maharashtra -431005
City/Town	Aurangabad
State/UT	Maharashtra
Pincode	431005

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Urban</b>
Financial Status	<b>private</b>
Name of the IQAC co-ordinator/Director	<b>Prof. Sachin. C. Borse</b>
Phone no/Alternate Phone no.	<b>02402367519</b>
Mobile no.	<b>9420929365</b>
Registered Email	<b>iqac@dietms.org</b>
Alternate Email	<b>sachinborse@dietms.org</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.dietms.org/">_https://www.dietms.org/</a>
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="https://www.dietms.org/wp-content/uploads/2019/12/Academic-Calendar-2018-19.pdf">https://www.dietms.org/wp-content/uploads/2019/12/Academic-Calendar-2018-19.pdf</a>

**5. Accrediation Details**

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
<b>1</b>	<b>B++</b>	<b>2.83</b>	<b>2017</b>	<b>30-Oct-2017</b>	<b>29-Oct-2022</b>

<b>6. Date of Establishment of IQAC</b>	<b>14-Nov-2016</b>
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**7. Internal Quality Assurance System**

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
<b>Regular IQAC Meetings</b>	<b>12-Jul-2018</b>	<b>17</b>

Conducted	1	
Regular IQAC Meetings Conducted	24-Nov-2018 1	13
Regular IQAC Meetings Conducted	11-Feb-2019 1	19
Regular IQAC Meetings Conducted	06-May-2019 1	18
Awareness Training Program on 5S	16-Nov-2018 1	6
Awareness Training Program on 5S	02-Nov-2018 1	6
ISO Awareness Program	22-Sep-2018 1	156
Two day workshop on ISO internal audit training	07-Sep-2018 2	23
Three Day Workshop on NBA Process	20-Jun-2018 3	165
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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
Dr.Ulhas D.Shiurkar, Prof.A.V.Nikalje	DSTDDP	Govt.of India , Ministry of Science and Technology	2019 730	1051208
Deogiri Institute of Engineering and Management Studies, Aurangabad	TEQIP	Dr Babasaheb Ambedkar Technological University, Lonere	2019 3	522827
Prof R.H.Shinde	DSTNIMAT Project	NSTEDB & DST, New Delhi	2019 365	60000
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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 :**

4

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No
<b>12. Significant contributions made by IQAC during the current year(maximum five bullets)</b>	
<ul style="list-style-type: none"> <li>• Institute was awarded with 'A' Grade by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for academic and administrative audit (Three year duration 201617 to 201819)</li> <li>• IQAC initiated the process to define Program Outcomes, Program Educational Objectives, Program specific objectives course objectives in curricular framework.</li> <li>• Promoted research culture in institute by motivating students to participate in various research and innovation activities such as live projects under GIZ MASSIA 34, Hackthon 4, Avishkar, Shodh 2019 35 Ideas and 60 projects.</li> <li>• For enhancement of quality in academics administration feedback was taken from various stake holders.</li> <li>• 14 Clubs are formed which motivates to attain human values, Professional ethics, sustainability and environment.</li> <li>• International Conference on Computing in Engineering and Technology (ICCET 2019), held on January 10-11, 2019 at Deogiri Institute of Engineering and Management Studies, Aurangabad, India.</li> </ul>	

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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
Remedial Class were planned	Improvement in the University result
Fast learners screened on the basis of psychometric test	1.Fast Learner got opportunities to participate in Engineering exploration. 2.Final year students allotted live projects by the members of Industrial organization, GIZ MASSIA. Total number of projects:34
Development of student centric teaching learning methodologies	Continuous Assessment methodology is involved with delivering individual presentation, Seminar, Group discussion, Quiz which helped to develop the soft skill and critical thinking ability of students.
Promotion of Experimental learning	Experiments out of syllabus were conducted. Inter disciplinary projects were under taken.
Course based projects plan for second year	CA1 CA2 were designed and implemented for course based projects. Total number of mini projects: 457
Promotion of research & Higher studies	ICCET2019 Conference Organized,DST Project:02,PG: 22,Ph.D Aspirants:34,Patent Filed Published:1,

	Total Students placed:532
Planned 5S implementation and ISO certification	Implementation of 5S. ISO 9001 : 2015 certification
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
College Development Committee	30-Oct-2019

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	Yes
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Date of Visit	15-Mar-2019
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2019
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Date of Submission	19-Jan-2019
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<b>17. Does the Institution have Management Information System ?</b>	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	The parent trust of the Institute has a well designed Management Information System. All the major academic and other activities are implemented through MIS. Management Information System (MIS) software has been developed inhouse by our trust Marathwada Shikshan Prasarak Mandal, for managing Institute's different activities, planning and implementation. Modules currently operational. • Admission Module • Library Module • Fees management Module • Online Attendance Module • Class test Module. • Generation of TC Module. • Certificate Module • Reporting Module
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## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

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

Institution has well-structured Mechanism for planned curriculum delivery and documentation. Academic Calendar: Institute adheres to university academic calendar and in line with it prepares institute and departmental academic calendar. Academic calendar are documented in the department and regularly displayed on notice board. Load distribution: Every department before commencement of semester conducts a meeting for distribution of subject load as per curriculum. Semester wise Load distribution sheet is prepared, circulated and documented in department. Time Table: According to load distribution, department prepares time table. Time table for class, laboratories and individual are prepared. Time table are displayed on notice board and documented in department by time table coordinator. Course and Teaching Plan: Faculty prepare course plan, teaching plan before start of semester according to curriculum. Well-designed staff dairy and course file is available with every faculty. Continuous assessment: Continuous assessment-I & II are well planned by the faculties. It is documented by circulating notice to students and compliance of CA-I & CA-II duly signed by students. Notice, attendance sheet and mark sheet are documented. Faculty conduct practicals as per Time Table & Syllabus. Apart from regular practicals, faculty conduct practicals out of syllabus. All this data of Practical Conduction is regularly maintained in well-designed format of Practical Evaluation Sheet. Industrial Visit & Expert Talk: To correlate Theoretical Knowledge with Actual Practices, Industrial visits and expert Talk are organized for every Course. Total number of industrial visits:149 and Expert talk arranged :315 Attendance sheet, Permission letter, Thanks Letter & Photographs are well documented. Syllabus Status: Head of Department takes review of syllabus status in every semester and takes corrective steps to follow the Academic Calendar. Syllabus status sheets are well documented in every department. ICT Tools in Teaching Learning: Institute has well equipped class rooms with LCD Projector, Internet facilities .Faculty members uses various advanced tools in teaching-learning process such as Power point presentation, Videos, Google Classroom, Flip class room, Various MOODLE are developed. Institute has a Remote center of IIT Bombay. Smart class room is effectively utilized to conduct various training program conducted by IIT Bombay in which various ICT tools for teaching learning process are used. All teaching aids are available with concern Faculty. Internships & Projects: Students are exposed to Industrial world through Internship & Industry Projects. Internship Diaries are maintained. In this students got opportunities for total GIZ-MASSIA projects-34 and total lab to land projects -20 Project review sheets and Industry letters are documented. Attendance Record: Attendance is monitored on regular basis and maintained. Those students who are having less attendance their parents are informed. Attendance record is maintained in department. Value added & Enrichment Courses: Being Affiliated to University Institute promotes for various certificate courses, Value added courses and Enrichment courses for enhancing skill sets of students. Brochure of Courses, Course content, Attendance sheet and Certificates are documented. Total number of Value added courses taken during the year- 24. Result Analysis: After Mid semester & End semester result analysis is done & maintained in Concerned Department.

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
Revit Architect	0	04/03/2019	24	Employability	Building drawing Skill
Auto Cad	0	27/10/2018	70	Employability	Drawing fundamental

Redhat	0	01/08/2018	20	Employability	Linux Fundamentals
Redhat	0	01/01/2019	36	Employability	Linux Fundamentals
ANSYS15	0	13/06/2019	16	Employability and Entrepreneurship	Modelling and analysis skill
CATIA 3D	0	17/06/2019	20	Employability and Entrepreneurship	Drafting and Modelling Skill
UGNX 8.5	0	17/06/2019	20	Employability and Entrepreneurship	Drafting and Modelling Skill
CNC Programming	0	13/06/2019	21	Employability and Entrepreneurship	Manufacturing Skill
IOT and ML	0	05/01/2019	9	Employability and Entrepreneurship	Programming and product design
Ready Engineer by Tata Technology	0	09/07/2018	730	Employability	Product Design

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BTech	Civil Engineering, Computer Science and Engineering, Electronics and Telecommunication Engineering, Mechanical Engineering	02/07/2018
Mtech	Structural Engineering, Computer Science and Engineering, Electronics and Telecommunication Engineering, Mechanical Engineering	01/08/2018
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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
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BTech	Civil Engineering	02/07/2018
BTech	Computer Science and Engineering	02/07/2018
BTech	Electronics and Telecommunication Engineering	02/07/2018
BTech	Mechanical Engineering	02/07/2018
Mtech	Structural Engineering	01/08/2018
Mtech	Computer Science and Engineering	01/08/2018
Mtech	Electronics and Telecommunication Engineering	01/08/2018
Mtech	Mechanical Engineering	01/08/2018
MBA	Human Resource, Marketing, Finance.	01/08/2018

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

	Certificate	Diploma Course
Number of Students	252	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
Data Science with R	04/03/2019	80
Machine Learning with Python	11/02/2019	74
Open Source Technology Conference	09/02/2019	73
Tricentis Tosca	16/01/2019	49
SharePoint Application Development	15/09/2018	28
Data Analytics With R	28/07/2018	71
JAVA, JAVAEE SOA Certification Training	04/06/2018	14
Entrepreneurship Awareness Camp	20/02/2019	64
Training Course by Techrel	22/01/2019	187
Arduino Workshop	15/10/2018	37
Resume Building Training Programme	17/08/2018	356
IOT and ML	05/01/2019	5
PCB Design Workshop	24/07/2018	60
Auto desk Fusion 360	13/02/2019	40
Workshop on Auto	10/09/2018	172

hauling		
Business Analytics	22/01/2019	30
Basic Excel	14/01/2019	180
Advance Excel	14/01/2019	176
workshop on Entrepreneurship	26/03/2019	21
workshop on Employability enrichment	14/02/2019	161
Application of Global mapper in water resources engineering	30/01/2019	56
Autodesk Revit and BIM	25/02/2019	58
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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
BTech	Civil Engineering	151
BTech	Computer Science and Engineering	144
BTech	Electronics and Telecommunication Engineering	115
BTech	Mechanical Engineering	209
BTech	Basic Science and Humanities	400
MBA	Master of Business Administration	127
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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
Well Structured Feedback system is designed for all stakeholders .Feedback are received, analysed and valuable inputs are utilized for overall development. Students Feedback: Students online feedback is taken in every semester. Bar graphs are plotted and overall performance is evaluated. Various Components of Students Feedback are as follows 1. Classroom and Practical organization 2. Explanation or discussion 3. Interest and enthusiasm) 4. Interaction with students 5. Feedback to students 6. Availability for consultation 7. Visual

Materials 8. Voice and speech 9. Reference or supporting materials 10. Laboratory/Practical's 11. Industrial Visit/Industrial Tour. 12. Expert Talk/Guest Lecture. 13. Professional Skills 14. Ethical Conducts Analysis of feedback is done from Bar Chart and Average Performance of Faculty is obtained for Theory Practical. The Consolidated sheet is prepared and informed to all Faculties. Based on Performance Faculties having less performance is called by Head of Department and detailed discussion is done. Weaknesses are identified for corrective measures in Performance of Faculties. Excellent Performer is appreciated by issuing letter from Director. Parents Feedback: Regular Parents meetings are conducted for every department. In this Parent Meet Students Attendance, Performance in various activities, Overall Behaviour and Exam Result are discussed. Well designed Feedback form is filled by parents Various Components of Parents feedback are as follows. 1. Academic Systems 2. Administrative Systems 3. Facilities. 4. Rating for Institute. 5. Suggestions for Improvement. After receiving feedback Brainstorming in department is done on the inputs given by parents and corrective steps are taken Alumni Feedback: Alumni Association is registered with Charity Commissioner. Alumni Meet conducted in Institute. Online Alumni Feedback collected. Important aspects of Feedback form are as follows. 1. Entrepreneurship 2. Contribution to College. 3. Rate the Development Activities Carried in Institute. 4. Laboratory Equipment. 5. Library and Reading Room. 6. Computer Facilities. 7. Sports Extra Curricular Activities. 8. Relevance of Existing Curriculum in Present Job. 9. Subject to be introduced in Curriculum. 10. Suggestion. Online Alumni feedback collected and proper steps are taken. Employers Feedback: Students are placed in various industries. Institute takes feedback from Industry for students placed. Employer's feedback conducted in Formal and Informal ways. Employer feedback Form is based on following Points. 1. Job Knowledge/Competency 2. Communication Skills/Soft Skills. 3. Decision Making/Problem Solving 4. Performance against Goal. 5. Innovative Thinking. 6. Team work, Leadership, Commitment. Integrity Feedback received from Employers is discussed and accordingly utilization is made by adapting to following practices. 1. Seminar on Resume Building was conducted. 2. Group Discussion Presentation activities were enhanced through MentorMentees Scheme. 3. To Motivate students Innovative Thinking Technical Project Competition "SHODH 2019" was organized which inculcate Team work, Leadership and Commitment. 4. Implant training, Internship and Industry sponsored projects are outcome of Employers Feedback.

## 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
BTech	Civil Engineering	120	118	118
BTech	Computer Science and Engineering	120	120	120
BTech	Electronic and Telecommunication Engineering	120	77	77
BTech	Mechanical Engineering	120	107	107
Mtech	Structural Engineering	24	24	24

Mtech	Computer Science and Engineering	24	24	24
Mtech	Electronic and Telecommunication Engineering	42	18	18
Mtech	Mechanical Engineering	48	48	48
MBA	Master of Business Administration	180	180	180
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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	2381	565	139	18	157

## 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
157	64	9	19	1	7
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### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Institute has well defined Mentor Mentees Mechanism for Undergraduate students. Students admitted to institute are from various rural, urban, out of state, social and economic backgrounds. Therefore they need personal attention which is achieved by mentor mentees mechanism. When new students admitted in the Institute, they face many problems such as behavioral, language, economic emotional, also other problems. To overcome the problems they need certain guidance which is achieved by mentor's mentees mechanism. This scheme helps students to overcome problems with confidence. Each department assigned one faculty as departmental coordinator to monitor mentor mentee scheme. The role of departmental coordinator is to provide necessary documentation required for smooth conduction of scheme. The mentors regularly monitor the attendance of the mentees, and communicate the same to their parent. The class test marks are personally analyzed by mentor and remedial activity is arranged to improve the performance. The ratio of Mentor Mentee is approximately 1:15. Following are the details of the mentor mentees Scheme. 1. Every faculty member is assigned with a group of 15 students. 2. Regular meeting are conducted and specific problems of students are discussed in the meetings and are communicated to respective authorities 3. Personal data related to family background, previous academic record, current academics issues, are recorded. 4. Information related to various activities is conveyed to mentees by mentor. 5. Mentees are motivated to participate in various activities within institute and activities organized by other colleges. 6. Two technical and two nontechnical presentations are assigned and conducted. In Mentor Mentee scheme, mentor focus on overall development of student personally at micro level by conducting various activities to inculcate technical skill, presentation skill. Mentoring process is a bidirectional

that keeps mentees committed to their goals and provides increased confidence to fulfill their dreams. Overall development of mentees helps in improvising recruitment. Due to mentor mentee scheme mentor is also benefited because of personal fulfillment coming from the transference of expertise, opportunities to translate values and strategies into actions, expansion of networking in the community, increased influence on the next generation, and, finally, satisfaction with a job well done.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2946	157	1:19

## 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
146	157	Nil	Nil	16

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Prof.V.R.Hande	Assistant Professor	Silver Medal by NPTEL
2019	Prof. A. V. Nikalaje	Assistant Professor	Awarded Ph.D from Dr.B.A.M.University
2019	Prof. S. A. Shaikh	Assistant Professor	Awarded Ph.D from Dr.B.A.M.University
2019	Prof. Ludrik Roma Maryan	Assistant Professor	Gold Medal by NPTEL
2019	Prof Raman Karade	Assistant Professor	Silver Medal by NPTEL
2019	Prof. Apeksha N. Nalawade	Assistant Professor	Silver Medal by NPTEL
2018	Prof. A.S. Pathan	Assistant Professor	Golden Paper Award in Techno Societal 2018
2018	Prof. P.H. Durole	Assistant Professor	Best Coordination to Boost Media Technologies as Mentor
2018	Prof. S. M. Chavan	Assistant Professor	Awarded Ph.D from Dr.B.A.M.University
2019	Prof.P.P. Tribhuvan	Assistant Professor	As session chair Dept. of CS and IT, Deogiri College, Aurangabad.
2019	Prof.Khushi Diccar	Assistant Professor	Guru Dronacharya Award
2019	Prof.V.A.Ballal	Assistant Professor	Guru Dronacharya Award

2019	Prof. P. V. Jawale	Assistant Professor	Silver Medal by NPTEL
2019	Prof. G. P. Badarkhe	Assistant Professor	Silver Medal by NPTEL
2019	Prof. Rushina Khan	Assistant Professor	Awarded Ph.D from Dr.B.A.M.University
2019	Prof. Feroz Pathan	Assistant Professor	Awarded Ph.D from Dr.B.A.M.University
2019	Prof. P.P. Tribhuvan	Assistant Professor	As Mentor for Smart India Hackathon ,AICTE
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## 2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BE	211461210	BE	04/06/2019	29/08/2019
Mtech	211419110	FY	26/04/2019	15/07/2019
Mtech	211419110	SY	26/04/2019	31/08/2019
Mtech	211424210	FY	27/04/2018	04/09/2019
Mtech	211424210	SY	05/06/2019	06/09/2019
Mtech	211437010	FY	25/04/2019	19/09/2019
Mtech	211437010	SY	05/04/2019	06/09/2019
Mtech	211461210	FY	07/06/2019	20/09/2019
Mtech	211461210	SY	09/10/2019	22/10/2019
MBA	211461210	FY	10/04/2019	23/07/2019
MBA	211461210	SY	10/04/2019	23/07/2019
BTech	211419110	SY	26/04/2019	15/07/2019
BE	211419110	TE	27/04/2019	26/08/2019
BE	211419110	BE	27/04/2019	29/08/2019
BTech	211424210	SY	24/05/2019	25/07/2019
BE	211424210	TE	27/04/2019	26/08/2019
BE	211424210	BE	27/04/2019	29/08/2019
BTech	211437010	SY	27/05/2019	27/07/2019
BE	211437010	TE	06/06/2019	26/08/2019
BE	211437010	BE	25/05/2019	29/08/2019
BTech	211461210	SY	25/05/2019	30/07/2019
BE	211461210	TE	06/06/2019	26/08/2019
BTech	211419110, 211424210, 211437010,	FY ALL	23/05/2019	12/07/2019

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

Continuous Internal Evaluation (CIE) is well placed in Institute. CIE in teaching Learning Process adheres to Academic Calendar. CIE is mainly focused on CAI, CAII, Practical Evaluation, Projects and Seminars. Before start of semester Faculty plan in systematic way for CIE. Following reforms are initiated by the institute in Continuous Internal Evaluation

- Each course teacher designs the question paper for mid semester/ Class test to satisfy the levels specified by blooms taxonomy.
- The analytical rubrics of mid semester/ class test results are prepared and which are used to identify the learning levels of the students.
- Continuous assessment I and II are designed to increase student interest and participation in teaching learning process. CAI and CAII are designed by faculty members to stimulate critical thinking, creativity and problem solving capability of the students. Some of the activities conducted to evaluate the student performance are quiz, surprise test, open book test, case studies, presentations, group discussion and mini projects.
- In order to assess the student performance in every practical the institute has redesigned a specific practical evaluation sheet meeting affiliating university criteria. Each student is assessed by faculty member based on his/her performance in a particular practical by conducting a oral examination at the end of the practical. This practical evaluation system is transparent and every student signs the sheet at the end of the practical.
- Projects and seminars are indirect tools of assessment wherein the students learning are tested. The institute conducts regular review for assessing the student's performance in projects and seminars. Each student / group of students needs to undergo minimum two reviews for project and seminar.
- As per the norms of affiliating university Internship is mandatory for all students of FY and SY. The institute has devised a well structured mechanism to monitor and evaluate the Internship of students. Each mentor keeps the track of students undergoing internship by visiting the industry if needed. The institute has designed an internship diary wherein all the tasks performed by a student during his/her internship are recorded. At the end of internship the student need to present his experience during the internship using a presentation, on the basis of which the performance of student is evaluated by mentor.

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

In line with university calendar institutes prepares academic calendar and the same is adhered for conduction of all academic activities. The academic calendar includes commencement of classes, induction program, mid semester exam, seminar project review, public holidays, annual social gathering, and term end, tentative dates of practical and theory examinations.

**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.dietms.org/mechanical-engineering/>

**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

211419110	Mtech	Civil Engineering	22	17	77.27
211424210	Mtech	Computer Science and Engineering	23	17	73.91
211419110	BE	Civil Engineering	131	105	80.15
211424210	BE	Computer Science & Engineering	147	135	91.84
211410110	MBA	Human Resource, Finance, Marketing, Production and operation	167	124	74.25
211461210	BE	Mechanical Engineering	181	145	80.11
211437010	BE	Electronic and Telecommunication Engineering	146	124	86.71
211461210	Mtech	Mechanical Engineering	45	14	31.11
211437210	Mtech	Electronic and Telecommunication Engineering	15	11	73.33
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

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

<https://www.dietms.org/wp-content/uploads/2019/12/All-Branches-Exit-Feedback-2018-19.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	GIZMASSIA	1.99	1.99
Industry sponsored Projects	365	TATA Technology	0.66	0.66
Students Research Projects (Other	365	DIEMS	0.45	0.45

than compulsory by the University)				
Any Other (Specify)	365	Grind master Machine PVT LTD	0.5	0.5
Any Other (Specify)	365	Dr Babasaheb Ambedkar Marathwada University, Aurangabad	0.5	0.5
Industry sponsored Projects	365	GIZMASSIA	0.1	0.1
Industry sponsored Projects	365	GIZMASSIA	0.1	0.1
Industry sponsored Projects	365	GIZMASSIA	0.08	0.08
Industry sponsored Projects	365	GIZMASSIA	0.06	0.06
Major Projects	720	Govt.of India , Ministry of Science and Technology	10.51	7.11
Major Projects	365	NSTEDB DST, New Delhi	3.2	3.2
<a href="#">View File</a>				

### 3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
Fourth International Conference on Computing in Engineering and Technology	Deogiri Institute of Engineering and Management Studies, Aurangabad	09/01/2019
Two days' workshop Product Design Engineering Autodesk Fusion 360	Civil Engineering	21/02/2019
One Day Workshop on IPR	IQAC	04/01/2019
Two days workshop on Application of Global Mapper in Water Resource Engineering	Civil Engineering	30/01/2019
Study of currunt construction practices in Civil Engineering	Civil Engineering	02/07/2018

Project activity under GIZMASSIA collaboration	Civil Engineering, Computer Science Engineering, Electronics and Telecommunication Engineering, Mechanical Engineering.	09/07/2018
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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
SUVC(201819) Team Abhyuday	Gaurav Chaudhari and 23 Students	Hindusthan College of Engg. Technology, Coimbatore, Tamilnadu	27/02/2019	SUVC Visionary Award
SUVC(201819) Team Tejaswini	Akanksha Suradkar and 20 Students	Hindusthan College of Engg. Technology, Coimbatore, Tamilnadu	27/02/2019	SUVC Best Cost Report Award
Onion Harvester	Team Bhumiputra	SAE TIFAN	20/03/2019	Best Innovation
SKDC(Student Kart Design Championship)	Dynamic Boosters	Society of mechanical and automotive engineers	22/09/2018	National (Overall champion)
Bharat Formula Karting SKDC (Student Kart Design Championship)	Dynamic Boosters	CADD TECHNOLOGIES (School of design private limited)	02/03/2019	National (Overall Champion(IIIrd Rank))
Bharat Formula Karting SKDC (Student Kart Design Championship)	Dynamic Boosters	CADD TECHNOLOGIES (School of design private limited)	02/03/2019	National (Business Plan Presentation(II nd Rank))
Bharat Formula Karting SKDC (Student Kart Design Championship)	Dynamic Boosters	CADD TECHNOLOGIES (School of design private limited)	02/03/2019	National (Design Validation(IIInd Rank))
Smart Odisha Hackathon 2018	Satyam D. Budhade Team	BPUT under the aegis of SD TE Dept. Govt. of Odisha	13/11/2018	National
SUVC ( Saur Urja vehicle Challenge 2019)	Vaishnavi Ghaywat, Tanvi Goje, Pooja Patil	RSTE Society ( Hindustan College of Engineering and Technology, Coimbatore, Tamilnadu )	27/02/2019	National

Bharat Formula Karting	Shravani Mungikar and Team Dynamic Boosters	CADD Technologies(BKFCT)Coimbtore,Tamilnadu	28/02/2019	National
Mission A2BAurangabad to Bhutan cycling expedition	Dr.M.M. Dasare, C.V.Mane, Dr.D. B.Magar,Nitin Suryawanshi,Yesh Choundye,Ruturaj Tandale	DIEMS	25/01/2019	International
Mayor Hackathone (MH) award 2019 for project entitled "Energy Management Through Waste Disposal"	S.P.Nirkhe, Kunal V. Bhojawani, Pooja R.Lute, Vaishanvi K. Wadgaonkar, Pravin R. Uchit, Tushar B. Patil, Sagar Pathare	Mayor Hackathone	03/03/2019	Civil Socially Relevant Innovation
Mayor Hackathone (MH) award 2019 for project entitled "Fly Ash base Concrete"	D.H.Tupe, Kunal V. Bhojawani, Pooja R. Lute, Vaishanvi K. Wadgaonkar, Pravin R. Uchit, Tushar B. Patil, Sagar Pathare	Mayor Hackathone	03/03/2019	Innovation Relevant for Civil Engineering Structure building to minimize cost
DIPEX award 2019 for project entitled "Pet Bottle Masonry"	S.P.Nirkhe ,Durga V. Panchal, Vinit M. Pandit, Ankita E. Ingole,	DIPEX	02/03/2019	Innovation Relevant to Low cost housing
AVISHKAR2019 award for project entitled "Small scale power through waste water treatment"	Rehan sheikh, S.P.Nirkhe	AVISHKAR	05/01/2019	Innovation Relevant to power through waste water treatment
TechnoSocietal 2018: Proceedings of the 2nd International Conference on Advanced Technologies for Societal	A.S.Pathan	TechnoSocietal	14/12/2018	(best research paper) Golden paper award

Applications

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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
DIEMS ,Aura ngabad	Yogesh Gawande	DIEMS ,Aura ngabad	NIYO Innovative Solutions LLP	Agriculture	17/01/2019

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### 3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	1

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

Name of the Department	Number of PhD's Awarded
Electronics and Telecommunication Engineering	4
Master of Business Administration	2
Computer Science and Engineering	1

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)
International	Civil Engineering	20	2.5
International	Computer Science and Engineering	8	2.2
International	Electronics and Telecommunication Engineering	33	3.2
International	Mechanical Engineering	5	2.85
International	Basic Science and Humanities	6	3.1
International	Master of Business Administration	3	2.85

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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
Civil Engineering	4
Computer Science and Engineering	3
Electronics and Telecommunication Engineering	11

Mechanical Engineering	2
Basic Science and Humanities	10
Master of Business Administration	4
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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
New Approach to Minkowski Fractional Inequalities Using Generalized Kfractional Integral Operator	Dr.V.L.C hinchane	The Journal of the Indian Mathematical Society	2018	6	Indian Mathematical Society	Nil
TSDT for thermal analysis of isotropic plate	Prof. S. B. Salve	Springer Journal	2018	1	Springer	1
TSDT for thermal analysis of isotropic plate	Prof. D. H. Tupe	Springer Journal	2018	1	Springer	1
Performance of glass fiber reinforced concrete	Prof. D. H. Tupe	STM Journal	2018	1	STM	1
Flexural Response of Simply Supported Beam Subjected to Cosine Load by TSDT	Prof. S. B. Salve	International Journal of Management, Technology and Engineering	2018	1	Management, Technology and Engineering	1
Assessment of Ground Water Quality	Dr. S. D. Shinde	Journal of Indian Water Works Association	2018	1	Water Works Association	1

and its Suitability for Agricultural uses by Considering TDS Sulphate.						
Codal Comparative Analysis of PSC Box Girder with IRC and AASHTO Code	Prof. R. S. Patil	STM Journal	2018	1	STM	2
Comparative Analysis of Single Cell Box Girder For Different Code	Prof. R. S. Patil	STM Journal	2018	1	STM	1
Time History Analysis of Off Shore Structures with Different Bracings	Prof. R. S. Patil	STM Journal	2018	1	STM	1
IEEE 754 based Single and Double Precision Floating Point Multiplier Analysis	Dr. S. A. Shaikh Dr. Ulhas D. Shiurkar Dr. B. B. Godbole	Springer Computing in Engineering and Technology pp 7585	2019	1	Springer Computing in Engineering and Technology	2
Design and Analysis of Sign Language Gesture Recognition as Text: A Redesigned Artificial Neural Network Approach	Prof. A. V. Nikalje Dr. Ulhas D. Shiurkar	ICCET2019	2019	2	ICCET	1

Design and Development of Controller Circuit For Linear Switched Reluctance Motor	Dr.R.M.A utee	Journal of Emerging T echnologie s and Innovative Research (JETIR)	2019	1	Emerging Technologi es and Innovative Research	1
Design and Analysis of Sign Language Gesture Recognition as Text: A Redesigned Artificial Neural Network Approach	Prof. A. V.Nikalje Dr.Ulhas D. Shiurkar	ICCET2019	2019	1	ICCET	1
Text to Sign Language Convertor by using Static Dataset	Dr. A.V. Nikalje Miss.Pooja Sonone	JETIR 2019	2019	2	JETIR	1
Design of ThreeStage Pipelined Floating Point Arithmetic Operators	Dr. S. A. Shaikh Dr.B.B.God bole	Journal of VLSI Design Tools Technology	2018	1	VLSI Design Tools Technology	1
Error Analysis of Single and Double Precision Floating Point Arithmetic Unit Using VHDL	Dr. S. A. Shaikh Dr.B.B.God bole	Journal of Advance Research in Dynamical Control Systems, Vol. 10, No. 7, 2018	2018	1	Advance Research in Dynamical Control Systems	1
Implementation and Comparison of Single and Double Precision Floating Point Adder	Dr. S. A. Shaikh Dr.B.B.God bole	Journal of Advance Research in Dynamical Control Systems, Vol. 10, No. 8,	2018	1	Advance Research in Dynamical Control Systems	1

based on the IEEE 7542008 Standard		2018				
Study of Geopolymer Concrete made by using Natural River Sand with Different Pozzolanic Materials: A Review	Dr. G. R. Gandhe	STM Journal	2018	1	STM	1
Analysis of spatial variation of SAR in the rural area of Aurangabad based on GIS mapping Technique	Dr. S. D. Shinde	Springer Nature Switzerland	2019	1	Springer Nature Switzerland	1
Precipitation Intensity Duration Frequency Curves under Changing Climate in Developing Urban Catchment Aurangabad (Ms), India	Prof.A.S .Pathan	Springer Nature Switzerland	2019	1	Springer Nature Switzerland	1
Torsion Effect on Multi Storey Building on Regular and Irregular Shape of Building with and without Infill by using PDelta	Dr. G. R. Gandhe	STM Journal	2018	1	STM	2

Analysis						
Comparison of Hexagrid and Digrid Structural System in Tall Building	Dr. G. R. Gandhe	Journal of Structural Technology	2018	1	Structural Technology	2
Flexural Response of Simply Supported Beam Subjected to Cosine Load by TSDT	Dr. G. R. Gandhe	International Journal of Management , Technology and Engineering	2018	1	Management, Technology and Engineering	2
Torsion Effect onn Multi Storey Building on Regular and Irregular Shape of Building with and without Infill by using PDelta Analysis	Prof. D. H. Tupe	STM Journal	2018	1	STM	1
Comparison of Hexagrid and Digrid Structural System in Tall Building	Prof. D. H. Tupe	Journal of Structural Technology	2018	1	Structural Technology	1
Comparison of Hexagrid and Digrid Structural System in Tall Building	Prof. D. H. Tupe	Journal of Structural Engineering Its Application and Analysis	2018	2	Structural Engineering Its Application and Analysis	1
Flexural Response of Simply	Prof. D. H. Tupe	International Journal of	2018	2	Managaem ent, Technology	2

Supported Beam Subjected to Cosine Load by TSDT		Managaemen t, Technology and Engine ering			and Engine ering	
Adaptive Sleep Scheduling for Cluster based Wireless Sensor Networks for Precision Agriculture	Prof.S.S. Ponde	IEEE Xplore Digital Library	2018	1	IEEE	1
CoExtracting Feature and Opinion Pairs From Customer Reviews Using Hybrid Approach	Prof.Sug andha C Nandedkar	IEEE Xplore Digital Library	2018	0	IEEE	Nil
Early Detection and Classification of Sugarcane Plant Disease with Multiclass Support Vector Machine	Dr. Rahat A. Khan	Journal of Advanced Research in Dynamical Control System(Scopus Indexed)	2018	0	Advanced Research in Dynamical Control System(Scopus Indexed)	Nil
Continuous random variables with Hadamard fractional integral	Dr.V.L.C hinchane	Tamkang Journal of Mathematics	2018	13	Journal of Mathematics	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	Institutional affiliation as
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					excluding self citation	mentioned in the publication
Flexural Response of Simply Supported Beam Subjected to Cosine Load by TSDT	Prof. S. B. Salve	International Journal of Management, Technology and Engineering	2018	Nil	Nil	Management, Technology and Engineering
Assessment of Ground Water Quality and its Suitability for Agricultural uses by Considering TDS Sulphate.	Dr. S. D. Shinde	IWWAJournal of Indian Water Works Association	2018	Nil	Nil	Indian Water Works Association
Evaluation of Ground Water Quality for Agricultural use in Parts of Aurangabad	Dr. S. D. Shinde	ICJIESM 2018	2018	Nil	Nil	ICJIESM, DIEMS
Codal Comparative Analysis of PSC Box Girder with IRC and AASHTO Code	Prof. R. S. Patil	STM Journal	2018	Nil	Nil	STM
Comparative Analysis of Single Cell Box Girder For Different Code	Prof. R. S. Patil	STM Journal	2018	Nil	Nil	STM
Time History Analysis of Off Shore Structures	Prof. R. S. Patil	STM Journal	2018	Nil	Nil	STM

wit Different Bracings						
TSDT for thermal analysis of isotropic plate	Prof. S. B. Salve	Springer JournalSpr inger Journal	2018	1	1	Springer Elsevier B.V. Procedia
TSDT for thermal analysis of isotropic plate	Prof. D. H. Tupe	Springer Journal	2018	1	1	Springer Elsevier B.V. Procedia
Performa nce of glass fiber reinforced concrete	Prof. D. H. Tupe	Springer Journal	2018	1	1	Springer Elsevier B.V. Procedia
Higher order comp utational method for static flexural analysis of thick beam	Prof. D. H. Tupe , Dr.G.R.Gan dhe	Science Direct,	2018	1	1	Elsevier, Manufactur ing Procedia
Adaptive Sleep Scheduling for Cluster based Wireless Sensor Networks for Precision Agricultur e	S.S. Ponde	IEEE Xplore Digital Library	2018	1	1	IEEE
CoExtrac ting Feature and Opinion Pairs From Customer Reviews Using Hybrid Approach	Sugandha C Nandedkar	IEEE Xplore Digital Library	2018	Null	Null	IEEE
Early	Dr.	Journal	2018	Null	Null	Advanced

Detection and Classification of Sugarcane Plant Disease with Multiclass Support Vector Machine	Rahat A. Khan	of Advanced Research in Dynamical Control System(Scopus Indexed)				Research in Dynamical Control System
Design and Development of Controller Circuit For Linear Switched Reluctance Motor	Dr.R.M.A utee	Journal of Emerging Technologies and Innovative Research (JETIR)	2018	1	1	Emerging Technologies and Innovative Research
Analysis of spatial variation of SAR in the rural area of Aurangabad based on GIS mapping Technique	Dr. S. D. Shinde	Advance Technolgies for Socital Application , Springer	2019	1	Nil	Springer Nature, Netherland
Precipitation IntensityDurationFrequency Curves under Changing Climate in Developing Urban Catchment Aurangabad (Ms), India	Prof.A.S .Pathan	Advance Technolgies for Socital Application , Springer	2019	1	Nil	Springer Nature, Netherland
IEEE 754 based Single and Double Precision Floating Point Multiplier Analysis	Dr. S. A. Shaikh Dr.Ulhas D. Shiurkar D r.B.B.Godbole	Springer Computing in Engineering and Technology	2019	1	1	Computing in Engineering and Technology
Design	Prof. A.	Internat	2019	Nil	Nil	ICCET

and Analysis of Sign Language Gesture Recognition as Text: A Redesigned Artificial Neural Network Approach	V.Nikalje Dr.Ulhas D. Shiurkar	ional Conference on Computing in Engineering and Technology (ICCET)2019				
"Text to Sign Language Convertor by using Static Dataset"	Dr. A.V. Nikalje Miss.Pooja Sonone	JETIR 2019	2019	Nil	Nil	JETIR
Continuous random variables with Hadamard fractional integral	Dr.V.L.C hinchane	Tamkang Journal of Mathematics	2019	13	1	Journal of Mathematics
Superior algorithm to obtain IBFS for the fuzzy transportation problem	Dr.S.L.D hondge	JASC journal, volume vi, issue vi, june 2019	2019	Nil	Nil	JASC
Key Policy Attribute Based Encryption in cloud Storage	Mrs.S.G. Deshpande	IJSR, Volume 8, Issue 2, February 2018	2019	Nil	Nil	IJSR, Volume 8, Issue 2, February 2018
Review on Reactive powder concrete using different material	Mrs.A.D. Agharde	Novateur publications Journal NXISSN No. 25814230	2019	Nil	Nil	Novateur publications
Review on Reactive powder concrete using	Ms.V.R.H ande	Novateur publications Journal NXISSN No. 25814230	2019	Nil	Nil	Novateur publications

different material						
Behavioral Traditional biases in Investment decisions with reference to Muslim Community	Dr.Rushina Khan	IMRJ, ISSN 22775730	2019	Nil	Nil	IMRJ
AMFI Campaigns are quencing the thirst of Mutual Fund Industry for better Positioning	Asst.Prof.Medha Kulkarni	IJRAR, EISSN 23481269	2019	Nil	Nil	IJRAR
Importance of Talent Management and Its Role in Employee Retention	Dr.Jyoti Munde	Scopus indexed JARDCS, Vol 11, Special issue 4	2019	Nil	Nil	Deogiri Institute of Engg Management Studies, Aurangabad
Torsion Effect on Multi Storey Building on Regular and Irregular Shape of Building with and without Infill by using PDelta Analysis	Dr. G. R. Gandhe	STM Journal	2018	2	1	STM
Torsion Effect on Multi Storey Building on Regular and Irregular	Prof. D. H. Tupe	STM Journal	2018	1	1	STM

Shape of Building with and without Infill by using PDelta Analysis						
Comparison of Hexagrid and Digrid Structural System in Tall Building	Prof. D. H. Tupe	Journal of Structural Technology	2018	1	1	Structural Technology
Study of Geopolymer Concrete made by using Natural River Sand with Different Pozzolanic Materials: A Review	Prof. Shaikh M. Z.	STM Journal	2018	1	1	STM
Flexural Response of Simply Supported Beam Subjected to Cosine Load by TSDT	Prof. D. H. Tupe	International Journal of Management, Technology and Engineering	2018	Nil	Nil	Management, Technology and Engineering
Design of ThreeStage Pipelined Floating Point Arithmetic Operators	Dr. S. A. Shaikh Dr.B.B.Godbole	Journal of VLSI Design Tools Technology	2018	Nil	Nil	Design Tools Technology
Error Analysis of Single and Double Precision Floating Point Arithmetic Unit Using VHDL	Dr. S. A. Shaikh Dr.B.B.Godbole	Jour of Adv Research in Dynamical Control Systems, Vol. 10, No. 7, 2018	2018	Nil	Nil	Dynamical Control Systems

Implementa tion and Comparison of Single and Double Precision Floating Point Adder based on the IEEE 7542008 Standard	Dr. S. A. Shaikh Dr.B.B.God bole	Jour of Adv Research in Dynamical Control Systems, Vol. 10, No. 8, 2018	2018	Null	Null	Dynamical Control Systems
New Approach to Minkowski Fractional Inequaliti es Using G eneralized Kfractiona l Integral Operator	Dr.V.L.C hinchane	The Journal of the Indian Mathematic al Society	2018	6	Null	Indian M athematica l Society
Applicat ion of Nan osensors in Various Fields :A Review	Mrs.A.H. Deshpande	IJMTE Jo urnal, Volu me 8, Issue XI, Novembe r 2018	2018	Null	Null	IJMTE
Applicat ion of Nan osensors in Various Fields :A Review	Ms. J.M. Weldode	IJMTE Jo urnal, Volu me 8, Issue XI, Novembe r 2018	2018	Null	Null	IJMTE
Applicat ion of Nan osensors in Various Fields :A Review	Mrs.J.S. Pise	IJMTE Jo urnal, Volu me 8, Issue XI, Novembe r 2018	2018	Null	Null	IJMTE
Study of Geopolymer Concrete made by using Natural River Sand with Different Pozzolanic Materials: A Review	Dr. G. R. Gandhe	STM Journal	2018	2	1	STM
	Prof. D.	Journal	2018	1	1	

Comparison of Hexagrid and Digrid Structural System in Tall Building	H. Tupe	of Structural Engineering Its Application and Analysis				Structural Technology
Flexural Response of Simply Supported Beam Subjected to Cosine Load by TSDT	Prof. D. H. Tupe	International Journal of Management, Technology and Engineering	2018	Nil	Nil	Management, Technology and Engineering

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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	16	34	2	10
Presented papers	22	6	Nil	Nil
Resource persons	Nil	Nil	Nil	1

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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
Building of check dam at Sultanpur having capacity of 3.6 Liters.	DIEMS	2	67
Medical Camp (Dental checkup camp and eye checkup camp )	DIEMS	2	49
Art and Craft Club Ganpati making and Rakhi making	DIEMS Art and craft club	2	60
Donation of three wheel chairs, ten Sticks and one month calcium tablets to Matoshri Old Age Home, Aurangabad	Ready Engineers (TATA Technology)	7	80

Donation of Washing Machine to Lions Club Aurangabad	Ready Engineers (TATA Technology)	6	50
Rally for Plastic Free India	Initiative of Hon Prime Minister Narendra Modi on 2nd Oct 2019 from Kranti Chowk to Gandhi Statue , Shahjang	2	25
3 D Walkathon ( 5 KM Healthy Walk for Obesity and Diabetes free World)	DIEMS NATURE CLUB	1	25
Donation of Computers	NSS	5	317
Construction of Pond of capacity 3.6 lakh litters	NSS	5	62
Visit of students to Hariyali foundationA group of farmers doing modern farming	NSS	5	57
Donated Medicines and Breakfast and Organized Cultural Program	Social Club	3	40
Donated Milk Powder, Dettol Liquid and Baby diaper.	Social Club	4	50
Donated glossary.	Social Club	3	45
Donated Glossary and Bookshelf.	Social Club	5	40
Tree Plantation	NGO "WE" for environment	2	25
Clean up drive and Traffic control on the occasion of Ashadhi Ekadashi	Suyog Foundation	2	68
Preparing Seed Balls	Dr. BAMU, Aurangabad.	2	10
Tree plantation at Deogiri Campus	DIEMS	2	15
School of Mathematics	NSS	5	317
Tree plantation at Drama	Dr. BAMU, Aurangabad.	2	32

Department, Dr. BAMU, Aurangabad.			
Blood Donation on the occasion of Dr. BAMU foundation day.	DIEMS	2	441
Rally for Cleanliness on the occasion of Gandhi Jayanti.	Dr. BAMU, Aurangabad.	2	33
Signature drives to sustain historical places.	Dr. BAMU and AMC Aurangabad	2	42
Nirmalya Sankalan on the occasion of Ganpati Visarjan.	Dr. BAMU and CRT, Aurangabad.	2	17
Mahashramdan at Golegaon under Satyamev Jayate water cup	DIEMS	2	65
Training of computer to Z.P. school students and donation of Computers to ZP school at Sultanpur	DIEMS	4	37
COMMUNITY SERVICES	SAHAYOG RUDRA FOUNDATION (NGO)	Nil	82
COMMUNITY SERVICES	PRAYAS NGO	Nil	75
COMMUNITY SERVICES	LOKNAYAK NGO	Nil	85
<a href="#">View File</a>			

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Mentor for Internships	Best Coordinator	Boost Media, Aurangabad	9
<a href="#">View File</a>			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Tree plantation in WALMI premise Aurangabad	DIEMS NATURE CLUB and Water Land Management Institute (WALMI) , Aurangabad	5000 tree plantation in WALMI premise Aurangabad	1	55

Water Cup	PAANI FOUNDATION'S Satyamev Jayate Water Cup	Participation into 1st May 2018 "Mahashramadan" under PAANI FOUNDATION'S Satyamev Jayate Water Cup 2018	1	55
Tree plantation	DIEMS NATURE CLUB and Jansahayog Sanstha, Aurangabad	25000 tree plantation in Mendhi Sheli Prakshetra, Padegaon	1	20
Clean up drive and traffic control on the occasion of Ashadhi Ekadashi	CRT, Aurangabad.	Clean up drive and traffic control	4	58
Swachh Bharat	NSS	Social Awareness	2	10
Golegaon , Khultabad Visit for students aware about society water problems in rural area. Students learned about how to preserve rain water in hilly as well as non hilly area.	DIEMS NATURE CLUB	Social Awareness	5	60
<a href="#">View File</a>				

### 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
Training on Application of Total Station at Indapur, Pune	2 Faculty: Prof.S .B.Deshmukh, Prof.N. M.Nikam	Deogiri Institute of Engineering and Management Studies, Aurangabad	5
Fourth International Conference on Computing in Engineering and Technology (ICCET2019) 10TH – 11TH January 2019	Toatal No. of Participants: 181	Deogiri Institute of Engineering and Management Studies, Aurangabad Dr. Babasaheb Ambedkar Technological University, Lonere	3
25th Plumbing conference and	2 Faculty: Prof.A.S.Pathan,	Deogiri Institute of Engineering and	3

exhibition at Nehru Centre, Worli, Mumbai	Prof.M.Z.Shaikh	Management Studies,Aurangabad	
FDP on Material Characterization for engineers at IIT(BHU),Varanasi	3 Faculty: Prof.S.J.Parihar, Prof.U.S.Patharkar, Prof.T.B.Patil	Deogiri Institute of Engineering and Management Studies,Aurangabad	6
Research Perspective in I.C. Engines at Govt. College of Engg. Amravati	3 Faculty: Prof.G.P.Badarkhe, Prof.C.D.Sagar, R.N.Patil	AICTE	6
FDP on RF design for pervasive healthcare system	37 Faculty	Dr. Babasaheb Ambedkar Technological University	6
<a href="#">View File</a>			

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
Industry Project	Project under GIZMASIA	Adinath Industries, D51, MIDC, Waluj, Aurangabad 9881103388	08/10/2018	31/03/2019	03
Internship	Employment	Progressive Consultant Pvt.Ltd	10/08/2018	20/12/2018	10
Internship	Employment	M/s Dhananjay Enterprises M147, Waluj MIDC	06/08/2018	30/06/2019	10
Internship	Employment	Siemens , MIDC,waluj	06/06/2018	03/06/2019	02
Internship	Employment	Sarvesh Engineering, Block30,32, Suvarna Laghu Uddyog Yojana, MIDC Waluj, Aurangabad.	06/06/2018	03/06/2019	08
Internship	Employment	Manish Engineering	06/06/2018	03/06/2019	04

		works			
Internship	Employment	Shubham Industries, Plot23 , GUT34, MIDC WALUJ, AURANGABAD	06/06/2018	03/06/2019	04
Internship	Employment	Aristo Lubricants, H52, MIDC Waluj, Aurangabad	06/06/2018	03/06/2019	02
Industry Project	Project under GIZMASIA	Abhijay Auto Parts Pvt Ltd, K122/1 MIDC, Waluj Aurangabad	08/10/2018	31/03/2019	03
Industry Project	Project under GIZMASIA	Abhijay Auto Parts Pvt Ltd, K122/1 MIDC, Waluj Aurangabad	08/10/2018	31/03/2019	03
Industry Project	Project under GIZMASIA	M/s Dhananjay Enterprises M147, Waluj MIDC.	08/10/2018	31/03/2019	03
Industry Project	Project under GIZMASIA	M/s Dhananjay Enterprises M147, Waluj MIDC.	08/10/2018	31/03/2019	03
Industry Project	Project under GIZMASIA	M/s Dhananjay Enterprises M147, Waluj MIDC.	08/10/2018	31/03/2019	03
Industry Project	Project under GIZMASIA	M/s Dhananjay Enterprises M147, Waluj MIDC.	08/10/2018	31/03/2019	04
Industry Project	Project under GIZMASIA	Manish Engineering works	08/10/2018	31/03/2019	04
Industry Project	Project under GIZMASIA	Saurabh Heat Treatment, M69, MIDC Waluj, Aurangabad	08/10/2018	31/03/2019	02

Industry Project	Project under GIZMASIA	Sarvesh Engineering, Block30,32, Suvarna Laghu Uddyog Yojana, MIDC Waluj, Aurangabad.	08/10/2018	31/03/2019	06
Industry Project	Project under GIZMASIA	Shubham Industries, Plot23 , GUT34, MIDC WALUJ, AURANGABAD	08/10/2018	31/03/2019	03
Industry Project	Project under GIZMASIA	Sarvesh Engineering, Block30,32, Suvarna Laghu Uddyog Yojana, MIDC Waluj, Aurangabad. 8308877535	08/10/2018	31/03/2019	06
Industry Project	Project under GIZMASIA	Trimurti Enterprises, Blok05, SLYU infront NRB, MIDC CHIKALTHANA, Aurangabad 9822394520	08/10/2018	31/03/2019	01
Industry Project	Project under GIZMASIA	Aristo Lubricants, H52, MIDC Waluj, Aurangabad 9766399458	08/10/2018	31/03/2019	02
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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
SANCO INFRACON, Aurangabad	23/11/2018	Joint training and research activity for students and faculty in the field of building construction and drawing	5
CAAD Centre, Aurangabad	24/11/2018	To provide software's training to students in	3

		modern trends of civil engineering	
Hitesh Lahoti and Associates, Pune.	22/02/2019	To provide structural software's training to students in analysis and design of R.C.C Structures	3
TJR Training Solution Pvt.Ltd, Aurangabad	28/03/2019	To recognize mutual interest in the field of education research and development of students and faculty and dissemination of knowledge	3
U Learning Solutions, Nasik	17/07/2018	Online Test Series	60
<a href="#">View File</a>			

#### **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
15165000	2437278

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)	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
No file uploaded.	

##### **4.2 – Library as a Learning Resource**

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
MSPM ERP	Partially	V2.5	2019



Existing	761	30	30	6	1	2	6	200	0
Added	110	0	0	0	0	0	0	0	0
Total	871	30	30	6	1	2	6	200	0

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

200 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
Basics of Array and Linked List	<a href="https://www.youtube.com/channel/UCSHXxho4CT7SfqGOV7tpW7O/videos?shelf_id=0&amp;sort=dd&amp;view=0&amp;app=desktop">https://www.youtube.com/channel/UCSHXxho4CT7SfqGOV7tpW7O/videos?shelf_id=0&amp;sort=dd&amp;view=0&amp;app=desktop</a>
Tutorial for If Else in R	<a href="https://www.youtube.com/watch?v=eGJEzcjPwIQ">https://www.youtube.com/watch?v=eGJEzcjPwIQ</a>
Tutorial for Loops in R Part I	<a href="https://www.youtube.com/watch?v=nHoZ4trN9oo">https://www.youtube.com/watch?v=nHoZ4trN9oo</a>
Tutorial for Loops in R Part II	<a href="https://www.youtube.com/watch?v=qjzNN_jGTqk">https://www.youtube.com/watch?v=qjzNN_jGTqk</a>
Tool Signature	<a href="https://youtu.be/9T5wdS8dXxs">https://youtu.be/9T5wdS8dXxs</a>
Types of Chips	<a href="https://youtu.be/zeekf0quHc8">https://youtu.be/zeekf0quHc8</a>
CARNOT Theorem Part I	<a href="https://youtu.be/ETRsHEOR7r8">https://youtu.be/ETRsHEOR7r8</a>

#### 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
13032000	8152800	9535000	18516856

##### 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)

Laboratory: Institute has well equipped laboratories to meet the requirement of the syllabus of the affiliating university. Lab assistants are available in each department to look after the maintenance of equipment. The lab in charge looks after the smooth functioning of the equipment. If the equipment is nonfunctional or not working properly, same is intimated to the concerned HOD. The HOD then in consultation with the Lab incharge and Lab assistant looks into the maintenance of the equipment at institute level. If the equipment is non repairable at institute level then with permission of the Director, external vendors or suppliers are called for maintenance of the equipment. Each lab in charge maintains dead stock of the equipment and the same are verified at the end of each semester. The cleanliness in the laboratories is maintained with the help of support staff. Library: The Library is enriched with Books (Text and Reference), Periodicals, Journals, Handbooks, e resources and daily news

papers. Librarian and Library support staff looks after the library facilities.

All library records are well placed and maintained. Each HOD submits requirement of new books to be procured well in advance before the commencement of the semester as per the need of the syllabus. The faculty members are also free to suggest the books which are not mentioned in the syllabus. After getting the requirement from all departments the librarian calls quotations and after negotiations order is placed. Two books per students per week are issued and additional two books can be issued by students through book bank facility.

The digital library facility is used by students for accessing eresources. During regular academics the library is open from 9.30 AM to 6.00 PM and during examination period the same is kept open for 24 hours. Sports: Indoor and Outdoor sport facilities are available in Institute. The institute shares open ground facility provided by parent trust within same premises. The Students utilize sport facilities regularly and during annual social gathering. The institute has appointed separate sports in charge who looks after the sports activities of the students. Computers: For maintaining the computer infrastructure the institute has appointed Network Engineer and support staff. They look after the day to day problems of computers and networks and external vendors are called for major problems. The computer infrastructure is upgraded time to time after receiving the requirement from departments. Academic and Support Facilities: The academic facilities like Classrooms, Seminar Hall, Drawing Hall, Central Workshop etc are maintained regularly through concerned support staff.

<https://www.dietms.org/wp-content/uploads/2019/12/Procedures-and-Policies-for-Maintenance.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	FEES CONCESSION ( STUDENT OF STAFF MEMBER )	58	1108893
Financial Support from Other Sources			
a) National	SCHOLARSHIP	2100	108719435
b) International	0	Nil	0
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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 implemetation	Number of students enrolled	Agencies involved
Workshop on "Effective Presentation Skills"	28/10/2018	189	Fluent English Academy, Aurangabad
Workshop on "Effective Presentation Skills"	07/04/2019	170	Orchid Engg. College, Solapur
Communication Training	22/01/2019	166	Tech Rel Pvt Ltd

Training to Third year students (Communication Skill and Aptitude Training Improvement Program)	09/07/2018	124	Tech Rel Pvt Ltd
Communication Skill II	08/01/2019	205	TechRel Pvt. Ltd.
Soft Skill Development	14/02/2019	94	JUMP START ( Mahesh Iyer84119751 19)/mahesh.iyer@the jumpstart.in)
Remedial coaching for SE(ETC) students for subject EMIII	17/04/2019	76	Prof. R.M.Dharme( 9422561946), DIEMS, Aurangabad
Seminar on Education in abroad by Mr. Anirudha Hatwalne	06/09/2018	106	Mr. Anirudha Hatwalne, Director, Vishwashri Consultancy 9146050072 info@vis hwashreeabroad.com
Communication/Aptitude Training TE	10/07/2018	126	TechRel Pvt. Ltd. PUNE
Soft Skill Development SE	10/07/2019	156	DIEMS, Subject As per Dr. BATU Syllabus
Foreign Language : German Language	15/07/2018	6	MRS.PRACHI HATE, Angel Institute, Aurangabad
MentorMentee Scheme Jun 2018 All Students DIEMS	10/06/2019	2682	DIEMS
Remidial class for SY student Subject MIII and MIV	09/07/2018	16	DIEMS
Remedial Classes P S	15/04/2019	30	DIEMS
<a href="#">View File</a>			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Counselling for Career	382	1724	3	532

and  
Competitive  
examination

[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
46	602	502	12	255	30

[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	4	Civil Engineering	Civil Engineering	DIEMS, A'BAD	M.Tech. in Structural Engineering
2018	1	Civil Engineering	Civil Engineering	INFINI, PUNE	PGP in CPM
2018	1	Computer Science Engineering	Computer Science & Engineering	MIT Pune	MBA
2018	2	Computer Science Engineering	Computer Science & Engineering	DIEMS, Aurangabad	M. Tech. in Computer Science Engineering
2018	3	Electronics Telecommunication Engineering	Electronics Telecommunication Engineering	DIEMS, Aurangabad	M.Tech. in Electronics and Telecommunication
2018	9	Mechanical Engineering	Mechanical Engineering	DIEMS, Aurangabad	M.Tech. in Mechanical Engineering
2018	5	Mechanical Engineering	Mechanical Engineering	NICMAR, Hyderabad	PROJECT MANAGEMENT
2018	1	Mechanical Engineering	Mechanical Engineering	AMITY UNIVERSITY	MBA
2018	1	Computer Science	Computer Science &	Sinhgad Institute of	MBA

		Engineering	Engineering	Management	
2018	1	Computer Science Engineering	Computer Science & Engineering	Infoway	MBA
2018	1	Computer Science Engineering	Computer Science & Engineering	Illinois Institute of Technology	Masters in IT & Management
2018	2	Electronics Telecommunication Engineering	Electronics Telecommunication Engineering	SMT HIRABEN NANAVATI INSTITUTE OF MANAGEMENT & RESEARCH FOR WOMEN, PUNE	MBA
2018	1	Electronics Telecommunication Engineering	Electronics and Telecommunication	MGM INSTITUTE OF MANAGEMENT, AURANGABAD	MBA
<a href="#">View File</a>					

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

Items	Number of students selected/ qualifying
GATE	2
GRE	2
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
Duet Singing	Institution	6
Group Dance	Institution	21
Solo Dance	Institution	8
Solo Singing	Institution	26
Football	Institution	14
Cricket	Institution	197
Kabbadi	Institution	79
Volleyball	Institution	14
Badminton	Institution	36
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### 5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Speak	National	Nil	1		

	for India by MAHARAS HTRA TIMES ALL INDIA RANK(25TH)				1111004513	YOGESHWARI CHINTAMANI
2018	Speak for India by MAHARAS HTRA TIMES - ALL INDIA RANK(25TH)	National	Nil	1	1111005071	RENUKA DAMALE
2018	Speak for India by MAHARAS HTRA TIMES - ALL INDIA RANK(25TH)	National	Nil	1	1111005049	SNEHA PATIL

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

The institute has department level student association namely MESA (mechanical Engineering), ACE (Computer Science and Engineering), SAEE (Electronics and Telecommunication Engineering) and CESA (Civil Engineering). Office bearers of department level student associations are President, Vice President, Joint Secretary, Cultural Secretary, Sports Secretary, Treasurer and Ladies representative. Faculty members help and coordinate student association activities. Students associations represent the students of the institute and takes active initiative for arranging various activities for the students. All departmental activities of the students and annual festivals like Teachers Day, Engineers Day, and Blood Donation etc are coordinated by these associations along with faculty members. These associations play an important role for nurturing leadership quality and sense of responsibility among students. The institute gives significant representation to students in various administrative and academic bodies/committees of the Institution. Apart from this all annual social gathering activities are successfully managed and executed by students. The students get opportunity to coordinate various events in the institute such as Faculty Development Program, Conference, Workshops, and Campus Drives etc. The student works as representative in following committees of the institution 1. Anti Ragging Committee 2. Hostel Committee 3. Anti Ragging Squad

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institution has registered alumni association named MSP Mandal's Deogiri Institute of Engineering and Management Studies Alumni association under Charity commissioner Aurangabad with registration no F0027083 (ARN). The Objectives of the Association are as under: (a) To safeguard and promote the interest of the present and former students of the institute (b) To establish libraries, conference halls, short stay homes, hostels etc. for convenience of students (c) To foster/promote research, IPR (Intellectual Property Rights (Patents Publications etc.) activities in Engineering and Management, to

organize seminars, discussions and other related activities (d) To establish formal and informal centres for skill development, teaching, professional, technical and research education to boys, girls, handicapped persons (e) To establish auditoriums and training centres for publicity of research, exhibitions, gatherings etc. (f) To promote the growth of the Association (g) To promote and support engineering reforms (h) To manage and invest the funds of the Association in a proper and lawful manner (i) To do all such acts and take such steps as might be necessary for the well being of Members of Association and for the fulfillment of these objectives. The association has 7 managing committee members and is structured as President(1), Vice president(1), Secretary(1), Joint Secretary(1), Treasurer(1), Members(2)

5.4.2 – No. of enrolled Alumni:

7

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

7007

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni Meetings 1. Managing committee meeting (Dated: 13/07/2018, Agenda: To open bank account, arrange alumni meet) 2. Managing committee meeting (Dated: 27/09/2018, Agenda: To increase the registration of alumni, to increase presence on social media) 3. Managing committee meeting (Dated: 09/03/2019, Agenda: To invite alumni for annual gathering Quasars 2019, to arrange alumni meet) Alumni Meet 2019: Number of participants 65 (Date: 08/06/2019)

## **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)

From the inception the management of the institute believes in decentralization and participative management. Institute believes in good work culture and ethical conducts of administration .To facilitate smooth, fast and easy working Institute has adopted following two practices. 1. The institute has created a new post of Vice Principal for assisting and sharing the work load of Director. Because of creation of this post all the academic activities are coordinated through Vice Principal. The Vice Principal is also acting as a bridge between Head of Departments and Director for timely actions on various issues. The Vice Principal looks after all academic affairs of the institute like Academic Calendar, Work Load, Time Table, Conduction of Classes etc. This new profile has enabled Director to concentrate on strengthening of external interface of institute in the form of increased industry interaction, sponsored projects and training placement activities. This new practice has also enabled stakeholders to share their problems with authorities and get the solutions of the same. 2. To encourage decentralization and participative management, the institute has constituted various committees at departmental level and also at institute level. This practice has enabled participation of all staff members in coordination of different activities. For example at department level there are committees like Time Table, Class Test, Term Work etc and these committees function independently for completion of activity. This also enables HOD for smooth functioning and problem solving at departmental level. Also, at the institute level there are various committees which are used to carry out activities. In each institute level committee one representative of each department is involved so that the activity can be streamlined further. This practice has enabled the authorities for conduction and review of different activities through better participation and involvement.

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
Curriculum Development	<p>The institute is a affiliated institute and therefore contributes to the curriculum development through following ways 1. DIEMS faculties are on Board of studies of affiliated university and they put forward their suggestions time to time in BOS meetings. 2. Faculty members participate in workshops conducted by university for curriculum design and revision of syllabus. 3. The institute has suggested to the University to adopt Blooms Taxonomy for framing of question paper of mid semester examination and same is being accepted and implemented by University. 4. The institute has also communicated to University regarding changes in the syllabus, marking scheme, non availability of resources etc from time to time. 5. The Director of the Institute is on Academic Council of affiliating University and regularly contributes in the reforms related to the curriculum development.</p>
Research and Development	<p>The institute provides eco system so as to promote research attitude among faculty and students. The research activities are promoted through research committee formed at the institute level. Some of the quality improvement strategies pertaining to research and development are 1. Institute provides financial assistance to faculty and students for the participation in different research and development activities. 2. The institute is working in collaboration with GIZ MASSIA for addressing the industrial problems. Selected group of students and one faculty coordinator are working cohesively along with industry mentor to solve the problems faced by the local industry. 3. From this academic year the institute has started an initiative "Engineering Exploration - Project Based Learning", wherein group of students identify some real world problem and try to model and solve the same. Institute has also</p>

arranged an exhibition of such projects under the banner of "Shodh 2019". 4. Final year engineering students are motivated to undertake lab to land projects which address the need of the society. 5. Institute organizes different Faculty Development Programmes, Workshops and Conferences to inculcate research attitude among faculty and students. Faculty and students are also encouraged to participate in such activities outside college. Institute has arranged international conference in association with Dr. Babasaheb Ambedkar Technological University, Lonere named "ICET - 2019". 6. The institute encourages faculty members to pursue higher education by giving them permission for course work and study leave of 3 months. Currently 32 faculty members are pursuing PhD and 16 have complemented PhD. 7. Department of Electronics and Telecommunication is recognized research center and 5 students have completed their PhD.

Library, ICT and Physical Infrastructure / Instrumentation

Library is the soul of an institute. It is a place where students can search for new avenues of information. The library of the institute is stacked with ample amount of text and reference books. The library is also enriched with different types of supporting material such as e books, CD/DVD, Journals, Magazines, e journals and online access to various resources. The institute tries to provide these resources to students with the help of following initiatives 1. Each student can issue two books on library card and two books using book bank facility. 2. A separate digital library is available to browse digital resources. 3. Institute has a tradition of providing all text/reference books to meritorious students. 4. The institute has subscribed to both hard as well as e journals and provides online access to quality journals. Also institute is a member of National Digital Library. The institute has a sound IT infrastructure with state of the art computing facilities. Currently institute has computer systems with latest configuration which are used for both performing practicals as well as providing internet connectivity to the students. Institute has dedicated lease

line of 200 MBPS which acts as IT backbone for the institute. The infrastructure of the institute like class rooms, laboratories, drawing hall, workshop, seminar hall, library and computer center are well equipped and maintained.

Human Resource Management

To promote, enhance and ensure the quality of performance of staff members and to make them more productive the institute follows following practices

1. Faculty members are given benefits like EPF, regular increments, gratuity and other support.
2. The faculty members and staff members are entitled to other benefits like casual leave, maternity leave, medical leave, earned leave and vacation.
3. The institute deputed faculty members for attending seminars, workshops, conferences and STTP with financial assistance.
4. Ad Hoc faculties are appointed in wake of emergencies such as maternity leave, study leave and medical leave to ensure that no academic loss of students shall happen.
5. Institute adheres to democratic work culture and participative management.
6. Institute has implemented systematic performance appraisal system and guidance to the people concerned.
7. The wards of the employees working in parent trust are offered 25 concession in college fees.

Industry Interaction / Collaboration

The institute has sensed the importance of role of industry in teaching learning for enhancing the quality of education. By keeping this in mind the institute focuses keenly on interaction with industry. The interaction with industry is strengthened using following quality improvement strategies

1. Institute has signed MOU with various industries for the purpose of project work, research work, internship, training of students and placement activities.
2. The rapport with industry is enhanced by inviting them for expert talks, seminars, workshops and as an expert for reviewing the project work of UG and PG students.
3. Regular industrial visits are arranged in different industries which enable students to interact with industry persons.
4. Students are encouraged to work on industry sponsored projects.
5. Many industry experts are called by

institute under a lecture series named "Inspire". 6. Faculty members undergo industrial training during vacation period to get experience on industrial advancements. 7. The institute also hosts a rare share program in association with Aurangabad Management Association, wherein faculty and students get the opportunity to interact with industry veterans.

Admission of Students

Well defined and regulated purchase system. Mail communication facility to all departments and staff. Use of social media for dissemination of information.

Examination and Evaluation

The institute takes at most care and efforts for conducting examination and evaluation of students for their performance. Following strategies are implemented by institute for examination and evaluation of students

1. Institute conducts one/two internal tests for each of the theory subjects. The question papers for internal tests are framed using blooms taxonomy. After assessment rubrics for each subject are prepared to identify the gap in teaching learning mechanism. The faculty members also prepare a model solution for the question paper and it is discussed with the students in class rooms.
2. Along with internal tests as per the guidelines of University, for each of the subject institute also conducts continuous assessment wherein the students are exposed to variety of problem solving methods using Quiz, Surprise Test, Survey, Case Study and mini projects. The record of this evaluation is carefully documented so as to understand the learning levels of the students.
3. After the conduction of University examination each faculty member contributes significantly for the assessment of answer books. For the same each faculty prepares a model solution for the question paper and using the same papers are assessed by them. The institute contributes proactively for the assessment maximum number of answer books in centralized assessment system. The institute is also working as one of the center for centralized assessment system.
4. For inspiring meritorious students the institute recognizes them by giving cash prizes.
5. The grievances of the

students are addressed immediately and in a transparent way.

**Teaching and Learning**

The institute designed its teaching learning mechanism which is student centric. All the activities related to teaching learning are planned in advance and are executed. Following are the initiatives for effective execution of teaching learning mechanism. 1. Each faculty prepares a course plan followed by a lecture plan minutely and the same is implemented meticulously. 2. The teaching learning process is implemented using traditional chalk and duster method along with supporting methods such as PPT, Video, and NPTEL etc. 3. An effective feedback mechanism helps HOD to review and keep the track of teaching learning. Regular feedbacks are collected from students and the same are communicated to the concerned faculties. 4. To augment the delivery of contents of the syllabus expert talks, seminars, workshops and industrial visits are arranged. 5. The library acts as rich source of material in the form of text books, reference books, e books and various online contents for the enrichment of the teaching learning. 6. Continuous assessment methods are designed in such as way so as to increase problem solving and critical thinking ability of the students. 7. Based on the learning levels of the students remedial classes are conducted for slow learners and fast learners are given opportunity to work on challenging tasks. 8. Various value added courses are also conducted so as to give exposure to current industrial practices to the students.

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

E-governance area	Details
<p><b>Examination</b></p>	<p>The institute has the separate Examination control room for effective functioning of examination work. Institute has provided all the necessary equipment as per the requirement of Examination department. Examinations are conducted under CCTV surveillance which has helped to curb malfunctioning and malpractices respectively. Examination Control department has separate desktop computer with internet facility for</p>

	online procedure of paper downloading and further activities for exam purpose. The examination department has separate machine for printing the question papers downloaded from university portal. All the activities related to examination are governed through online portal of affiliated university.
Administration	•Online attendance for faculty and staff member using biometric attendance system. Accounting software packages for office automation. Use of cloud platform (Google Drive) for collection of information from stakeholders. Circulation of notices using social media platform.
Finance and Accounts	Fully computerized office and accounts section. Maintenance of college accounts using Tally. Online salary disbursement. Digital fees payment facility for students.
Student Admission and Support	1. Online admission including online payment gateway. 2. Maintaining student's database using ERP software. 3. Online admission to avail hostel facility.
Planning and Development	Well defined and regulated purchase system. Mail communication facility to all departments and staff. Use of social media for dissemination of information.

### 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	DR.R.M.AUTEE DAKE G L	MITSUBISHI .MUMBAI	IIT Mumbai	3675
2018	PONDE SMITA S	DEEP LEARNING IN AI IN	COLLAGE OF ENGINEERING PUNE	5000
2018	DR U D SHIURKAR	SAEINDIA SOCIETY OF AUTOMOTIVE ENGINEERS INDIA WORKSHOP	SAEINDIA SOCIETY OF AUTOMOTIVE ENGINEERS INDIA MEMBERSHIP	1298
2018	SUGANDHA NANDEDKAR	IEEE INTERNATIONAL CONFERENCE IN TECHNOLOGY	IEEE MUMBAI CHAPTER , HOTEL GATEWAY, WAKADE ROAD, HINGAWADI	5075

			PUNE	
2018	SHAIKH MOHD ZUBAIR	INTERNATIONAL CONFERENCE	DEOGIRI INSTITUTE OF ENGINEERING AND MANAGEMENT STUDIES AURANGABAD	5300
2018	MAGARE SWATI B	PERCEPTION MODELING OF THREEDIMENSIONAL SCENES ORGANIZED BY GIAN	DEPARTMENT OF CS AND IT, DR.BAMU, AURANGABAD	3500
2018	CHINCHKHEDKAR SHRINIVAS R	FOUNDATION COURSE ON HUMAN VALUES PROFESSIONAL ETHICS	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	8571
2018	GAIKWAD S N KATKAR PANKAJ	IOT CII	SANJEEV AUTO WALUJ A.BAD	1888
2018	DR.R.M.AUTEE	SEMINAR ON INSTITUTIONAL RANKING SYSTEM	Y B Chavan College of Pharmacy Aurangabad	1500
2018	NIKALJE A V	SEMINAR ON INSTITUTIONAL RANKING SYSTEM	Y B Chavan College of Pharmacy Aurangabad	1500
2018	CHAUDHARI SUJIT G	CET CELL MUMBAI	MHTCELL, MUMBAI	3615
2018	SALUNKE J J SHINDE R H	DESIGN THINKING .	CMIA AURANGABAD	3540
2018	GANDHE G R , DHONDGE S.L SALVE SACHIN, TUPE DURGESH	EMERGING TRENDS IN SOCIAL SCIENCE, MGT. COMMERCE IN PUNE	RAISONI COLLEGE OF ENGINEERING 0	7910
2019	DIEMS	ICT ACADEMY ANNUAL MEMBERSHIP FEES	ICT ACADEMY ANNUAL MEMBERSHIP FEES	82600
2018	MADREWAR K T BHALERAO P B	ARTIFICIAL INTELLEGENCE DEEP LEARNING	DY PATIL SCHOOL OF ENGINEERING, LOHGAON PUNE	2944
2018	SHAIKH MOHD ZUBAIR	25TH INDIAN PLUMBING CONFERENCE EXHIBITION	NEHRU CENTER, MUMBAI	3070
2018	BIRAJDAR ANIL	PRODUCT DESIGN ENGINEERING	J D COLLEGE OF ENGINEERING AND MANAGEMENT	6358

			NAGPUR	
2018	MALI A F	WORLD EDUCATION SUMMIT	BOMBAY EXHIBITION CENTER MUMBAI	52237
2018	PATWARI KAVESH DESHMUKH SANDEEP	BIM WORKFLOW FOR AEC INDUSTRY	SAVITRIBAI PHULE UNIVERSITY PUNE	1760
2018	HANDE V R	EFFECTIVE TECHING METHODOLOGY FOR ENGINEERING MECHINICS	PIMPRI CHINCHWAD COLLEGE OF ENG. ,PUNE	1500
2018	NIKAM NITIN M DESHMUKH SANDEEP	STTP ON TOTAL STATION	SBPCOE INDAPUR DIST.PUNE	4440
2018	TUPE DURGESH	INTERNATIONAL CONFERENCE ON R ELIABILITY ,RISK MAINTENANCE AND ENGG MANAGEMENT ICRRM2019 AT PUNE	RAISONI COLLEGE OF ENGINEERING 0	7190
2019	KARDE RAMAN	NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAM (FDP) ENTR	ENTREPRENEURS HIP DEVELOPMENT INSTITUTE OF INDIA (EDII) AHMEDABAD GUJRAT	29925
2019	DIEMS	INDIAN INSUSTRY ( CII ) MEMBERSHIP FEES	INDIAN INSUSTRY ( CII ) MEMBERSHIP FEES	17700
2019	NALAWADE A N	TRENDS AND TRANSFORMATION IN INDIAN LITERATURE AND CULTURE	IBP MAHILA COLLEGE, AURANGABAD	1100
2019	SHAIKH M Z	NATIONAL LEVEL WORKSHOP ON STRUCTURAL AUDIT IN CIVIL ENGINEERING	D.Y.PATIL COLLEGE OF ENGINEERING PUNE	2350
2019	KARDE RAMAN	MARATHWADA INCUBATOR BOOTCAMP SEMINAR	IGTR AURANGABAD	2000
2019	SALUNKE J J SHINDE R H	PRODUCT DESIGN ENGINEERING	BATU LONERE	3811
2018	GANESH DAKE	DIPEX	SANGLI	32711
2018	MALI A F	NETRAKLE TECH AT HUBBLI	HUBLI KARNATAKA	36335

		UNIVERSITY		
2018	MALI A F	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	103250
2018	DAKE GANESH L	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5007
2018	KATKAR PANKAJ	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5005
2018	MAHADIK PRAVIN	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5005
2018	DACHAVAR KRISHNA	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5005
2018	PUNEWALE A J	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5005
2018	CHAVAN A A	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5005
2018	CHETAN S D	ENGINEERING EXPLORATION AT NETRAKLE TECH AT HUBLLI UNIVERSITY	HUBLI KARNATAKA	5005
<a href="#">View File</a>				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	RF SYSTEM	NA	12/11/2018	17/11/2018	37	Nil

	DESIGN FOR PERVASIVE HEALTHCARE SYSTEM					
2018	Workshop on Machine Learning using Python	NA	11/02/2019	13/02/2019	4	Nil
2018	Faculty Development Programme on Study of Current Construction Practices	NA	02/07/2018	05/07/2018	33	Nil
2018	Two Day Workshop ISO Internal Audit Training	Two Day Workshop ISO Internal Audit Training	07/09/2018	07/09/2018	20	3
2018	Two day workshop on 5S implementation	Two day workshop on 5S implementation	22/11/2018	23/11/2018	157	52
<a href="#">View File</a>						

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Three days Training Program on Tricentis Tosca Software Testing tool	2	16/01/2019	18/01/2019	3
one day FDP on Stress Management	1	24/12/2018	29/12/2018	6
One week FDP on Material Characterization for engineers at IIT(BHU), Varanasi	3	24/12/2018	29/12/2018	6
Workshop on Yuva Mahiti Dut	1	07/12/2018	07/12/2018	1

A Short Term Course on Research Perspective in I.C. Engines at Govt. College of Engg. Amravati	3	03/12/2018	08/12/2018	6
One day Workshop on NPTEL	1	01/12/2018	01/12/2018	1
A STTP on Recent Trends in Welding and Joining Technology at Dr. BATU	1	26/11/2018	30/11/2018	5
Product Design Engineering	1	23/11/2018	27/11/2018	5
FDP on RF design for pervasive healthcare system Under TEQUIP in collaboration with Dr. Babasaheb Ambedkar Technological University	11	12/11/2018	17/11/2018	6
FDP on Pedagogy for online and blended Teaching learning process	5	30/10/2018	13/12/2018	45
FDP on Foundation program in ICT for Education	1	13/10/2018	18/10/2018	6
A FDP on Product Design Engineering at CSMSS Aurangabad	4	12/10/2018	16/10/2018	5
Faculty Development Programmes Student Induction	7	10/06/2019	16/06/2019	7
3D Printing for Industrial Biomedical applications	1	03/06/2019	15/06/2019	13

Faculty Development Programmes Student Induction	3	13/05/2019	15/05/2019	3
Faculty Development Programmes Student Induction	4	27/05/2019	29/05/2019	3
Faculty development program on Programming with PL/SQL	1	06/05/2019	10/05/2019	5
One day Workshop on Scilab at DIEMS, remote center of IIT Pawai	2	04/05/2019	04/05/2019	1
Five days National Level STTP on NBA Accreditation	1	22/04/2019	26/04/2019	5
Intellectual Property Right (IPR), Incubation center and IndustryAcademia Practice	5	20/04/2019	20/04/2019	1
Workshop on Network Security Through Ethical Hacking	3	11/03/2019	12/03/2019	2
Workshop on Data Science using R	1	04/03/2019	06/03/2019	3
NPTEL Online Course on Enhancing Soft Skills and Personality	4	25/02/2019	19/04/2019	54
NPTEL Online Course on Programming in Java	2	28/01/2019	19/04/2019	82
NPTEL Online Course on Emotional Intelligence	3	28/01/2019	22/03/2019	54
NPTEL Online Course on	1	28/01/2019	22/03/2019	54

Design Analysis of Algorithms				
NPTEL Online Course on Introduction to Soft Computing	1	28/01/2019	22/03/2019	54
NPTEL Online Course on Analog Circuits	1	28/01/2019	22/03/2019	54
NPTEL Online Course on Multi dimensional NMR Spectroscopy for Structural Studies of Biomolecules	1	28/01/2019	22/03/2019	54
NPTEL Online Course on Data Science for Engineers	3	28/01/2019	22/03/2019	54
NPTEL Online Course on Electronic Waste Management Issues and Challenges	1	28/01/2019	22/02/2019	26
NPTEL Online Course on Managing Intellectual Property in Universities	1	28/01/2019	22/02/2019	26
NPTEL Online Course on Big Data Computing	1	25/02/2019	19/04/2019	54
NPTEL Online Course on Cloud Computing	1	25/02/2019	19/04/2019	54
NPTEL Online Course on CMOS Digital VLSI Design	1	25/02/2019	19/04/2019	54
NPTEL Online Course on Steam and Gas Power System	1	25/02/2019	19/04/2019	54
NPTEL Online Course on Introduction to Research	1	25/02/2019	19/04/2019	54
NPTEL Online Course on	2	25/02/2019	19/04/2019	54

Electronic Modules for Industrial Applications Using OpAmp				
NPTEL Online Course on Teaching and Learning in Engineering (TALE)	1	25/02/2019	22/03/2019	26
A One Week STTP Through ICT on Evaluating students performance designing question papers	3	25/02/2019	01/03/2019	5
National Workshop on Data Analysis using recent Statistical technique with Rsoftware	1	25/02/2019	27/02/2019	3
National level workshop on Business Analytics : Business Intelligence by Machine Learning through 'R'	1	13/02/2019	14/02/2019	2
Three days Workshop on Machine learning using Python	2	11/02/2019	13/02/2019	3
Workshop on Open Source Conference	1	09/02/2019	10/02/2019	2
A Short Term Training Programme Through ICT Mode on Development of Laboratory Instructions and Manual developement	5	04/02/2019	08/02/2019	5
Three Days workshop on	1	04/02/2019	06/02/2019	3

Faculty Coordinator SUVV 2019				
A One Week STP on Advances in Materials and Manufacturing Technology	3	01/02/2019	05/02/2019	5
NPTEL Online Course on Microprocessor Microcontroller	3	28/01/2019	19/04/2019	82
NPTEL Online Course on Internet of Things	1	28/01/2019	19/04/2019	82
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
157	Nil	52	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>The institute has a positive approach for the welfare of the Faculties.</p> <ul style="list-style-type: none"> <li>The institute provides funds to Faculty members in case of a medical problem.</li> <li>Institute gives maternity leave to female faculty members.</li> <li>25 percent fee waiver for wards of the members belonging to any school or college run by the Trust for taking professional education.</li> <li>Loan against salary to faculty members.</li> <li>Provision for provident fund to all employees.</li> <li>Study leave for pursuing higher studies and industrial training.</li> <li>The institute has formed an informal group of faculty members which contribute a certain amount of money monthly. From the amount collected, faculty</li> </ul>	<p>The Non teaching staff is taken care of by availing various facilities</p> <ul style="list-style-type: none"> <li>The institute provides funds to Nonteaching members in case of a medical problem.</li> <li>Institute gives maternity leave to female staff members.</li> <li>Institute gives uniforms to class IV employees.</li> <li>25 fee waiver for wards of the Non Teaching members belonging to any school or college run by the Trust for taking professional education.</li> <li>Loan against salary to staff members.</li> <li>Provision for provident fund and Gratuity</li> <li>The institute has formed an informal group of staff members which contribute a certain amount of money monthly. From the amount collected, faculty members can avail loan</li> </ul>	<ul style="list-style-type: none"> <li>Student welfare fund for economically weaker and bright students.</li> <li>Concession in fees for the wards of employees of parent trust.</li> <li>Installment facility for paying the fees.</li> <li>Group insurance</li> <li>Financial support for participation in various competitions.</li> <li>Cash prizes for University toppers.</li> <li>Book bank facility for all students.</li> </ul>

members can avail loan without any interest. Free Health Check is provided in Institute. Child care Faculty is availed to Ladies Faculty by Institute.

without any interest.

## 6.4 – Financial Management and Resource Mobilization

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

Institute regularly conducts internal and external financial audit. It has separate Accounts Department to ensure maintenance of annual accounts and audit. The work of internal audit has been entrusted to Marathwada Shikshan Prasarak Mandal's internal audit department. It mainly audits receipts and payments, salary, income and expenditure, gratuity, purchases etc. Further it also audit entries of Tally and Marathwada Shikshan Prasarak Mandal's ERP software (selfdeveloped). All the observation and objection of internal auditors are communicated through their report. The objection received is examined by Director and Head of Accounts Department and accordingly rectification and compliance report is generated and submitted to the MSPM's internal audit department. External/Statutory audit is conducted by Chartered Accountant (CA) S.M.Sherkar Co. covering all financial and accounting activities of the institute like all receipts from fees, interest earned, and payment to staff, vendors, contractors, students, and other service providers. External auditors also audit store records, Library records, employee attendance records, tax calculation etc. It takes one to two weeks for the audit to complete and submit the report on observation and objection to the institute. The purchase of goods amounting more than 1.0 Lakhs is done through tendering process.

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
DIEMS and BATU TEQIPIII	1700493	Project Design, Conference ,Project Exhibition, Accommodation and Transportation
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6.4.3 – Total corpus fund generated

0

## 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	Dr. Babasaheb Ambedkar Marathwada University, Academic AuditDr. Babasaheb	Yes	IQAC

		Ambedkar Technological University, Academic Audit		
Administrative	Yes	ISO 9001:2015	Yes	MSP Mandals Internal Audit Department

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

1. Parents Teacher meeting conducted regularly. 2. Parents are invited to talk on Social / educational issues. 3. The institute also collects feedback from parents, accordingly corrective measures are taken.

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

Following program are conducted for support staff 1. Internet and WiFi handling training Programme 2. Maintenance and calibration 3. Training on Talley and MSPM ERP

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

1. The institute has initiated the process of formation of PO, PEO, PSO and CO as per OBE framework. 2. Conduction of Value Added Courses is increased. 3. Initiative is taken to suggest changes in the existing curriculum of the affiliating university so as to make students more employable. 4. Continuous Assessment mechanism is made more innovative by asking students to give more emphasis on project based learning. 5. A new initiative called as "Engineering Exploration" is started from First Year Engineering to give exposure on Project based Learning. 6. Faculty and students are motivated to work more closely with industries through GIZ MASSIA initiative and participation in various project competitions. 7. Research culture is stimulated among faculty and students by organizing research activities.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
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	5S Implimentation	21/07/2018	30/07/2018	11/08/2018	157
2018	ISO Certification	07/08/2018	13/08/2018	31/08/2018	10

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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

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

Title of the programme	Period from	Period To	Number of Participants
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	and disadvantages	contribute to local community					
2019	1	1	24/02/2019	4	Construction of Pond of capacity 3.6 lakhs liters	Village Sultanpur , for creating awareness for Environmental Concern	67
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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)
DIEMS Code of Conduct	09/07/2018	Code of Conduct is followed by all the stakeholders of Institute. The Code of Conduct booklet is available on institute website, which include the rule and regulation for the following: 1. Responsibilities of Head Of Department (HOD): 2. Responsibilities of Teachers: 3. Responsibilities of Workshop Instructor: 4. Responsibilities of Laboratory assistants: 5. Responsibilities of Peon: 6. Responsibility of Training Placement Officer 7. Responsibility of Office Superintendent 8. Responsibility of Clerk under O.S. 9. Responsibility of Accountant 10. Role Responsibility of Examination Officer 11. Code of Conduct for Students

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Yoga Day celebration	21/06/2019	21/06/2019	80
Blood Donation Camp	12/12/2018	12/12/2018	450
Kerala Relief Fund	11/08/2018	05/09/2018	200

Save Girl Child Campaign(Happy Street) reet	10/02/2019	10/02/2019	15
Cloth Donation	01/03/2019	14/03/2019	450
Fund Donation to Pulvama Martyrs Family	23/03/2019	23/03/2019	3000
Teachers Day Celibration	05/09/2018	05/09/2018	2200
Expert Talk on Human Values and Ethics by Mrs Prachi Shetkar	06/10/2018	06/10/2018	55
Expert Talk on Belief and Perception System	13/02/2019	13/02/2019	45
Independence Day	15/08/2018	15/08/2018	400
Republic Day	26/01/2019	26/01/2019	350
1 May International Worker Day	01/05/2019	01/05/2019	250
Marathwada Mukti Sangram Day	17/09/2018	17/09/2018	300
Shiv Jayanti	19/02/2019	19/02/2019	700
Subhas Chandra Bose jayanti	23/01/2019	23/01/2019	70
Rajmata Jijabai Jayanti	12/01/2019	12/01/2019	65
Swami Vivekananda	12/01/2019	12/01/2019	55
Blood Donation	14/04/2018	14/04/2018	127
Blood Donation	17/05/2019	17/05/2019	212
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

? Photographs / newsletters are digitally stored instead of paper albums. ? NSS organized camp in village Sultanpur, for creating awareness for Environmental Concern. ? Garden is maintained on recycled water from girl's hostel. ? Rain Water harvesting. ? Bio Gas used in Boys Hostel. ? Composting plant for food waste. • Tree Plantation

#### 7.2 – Best Practices

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

1. Mentor Mentees Scheme: • The Institute has introduced unique and innovative Mentor Mentee Scheme, wherein each faculty member works as a Mentor for a group of 15 to 20 students. Specific problems of students are discussed in Mentor Mentee meetings and are communicated to respective authorities. In the same scheme, students are encouraged for participation in curricular, co curricular and extracurricular activities. In the same mechanism, Industrial Visits, Presentations and Small Projects are conducted. • The Mentor Mentee Scheme plays a key role in identifying the student talent in various areas such as

sports, social, cultural, etc., all the mentors promote the students to participate or organize different extra and co curricular activities. • Faculty member is allotted as mentor to a group of students from first year to final year. Mentor conducts regular meetings of mentees to discuss academic progress and his/her performance. • As and when required mentor offers counseling sessions to address students' problems, including personal and academic issues. Mentees are counseled to become better human beings and motivated to stand tall for the social cause.

2. Inspire Series :The Institute has started a unique lecture series named "Inspire" wherein, renowned persons from all walks of life share their success story with students. The objective of this series is to inspire the students through real life experiences shared by eminent personalities. Each department organizes at least three Inspire talks in a semester. The institute tries to invite speakers for this series who have built their career in adverse situations and the experiences shared by these speakers highly inspire the students. Till date following eminent personalities have shared their life journey with the students Dr.P.V.Mirajgaonkar Founder and Chairman of ICT, Mr.Ashutosh Bhakre Director Unnati Computers and Pvt. Ltd. Aurangabad, AmarJeet B. Girase, Government Pleader and Public Prosecutor, Mukul Modani, Consultant Strategy and transformation, IBM Mumbai, Mr. Sagar Reddy Struggle of Orphans, Mr. Vivek Bhosle Welcome to an exciting Engineering Experience, Mr. Mahesh Shivankar Career Guidance, Dr. Rahul Mohanpurkar Developing Career Personality, Mr. Dilip Dharurkar Industrial Development and Resource Management, Mr. Ajinkya Kalantri Director, Syscort Technologies, Pvt. Ltd. Aurangabad, Mr. Mandar Samvatsar Chief Executive ,Ace Techno Services , Aurangabad, Mr. Suresh Ganeshkar Chief Engineer, MSEDCL, Aurangabad, Mr. Azhar Khan Pathan Director, National Dairy ,Products, Aurangabad, Mr. Prakash Fatak Industrial Contractor, Mr. S. M. Jadhav Retired Executive Engineer, Water Resources Department, Govt. of Maharashtra, Mr. Sharad Ingle Police Inspector, JawaharNagar Aurangabad, Mr. P. V. Purandare Former Associate Professor, WALMI, Aurangabad, Mr. Dipak Singlas IAS Officer Commissioner, Soil Water Conservation Department, Shri. Satish Shukla Founder Hariyali Foundation, Er. Ar. Pramod Beri Mumbai, Mr. Ravi Kharul, CTO Endurance Technologies Ltd. Aurangabad, Mr. Dipesh Jajoo MD, Pawan Industries, Mr. Milind Kelkar CMD, Grind Master Machines Pvt. Ltd., Aurangabad, Mr. Prasad Kokil MD, Sanjay Technoproducts Pvt. Ltd, Mr. Bharat Wakhlu Founder President, The Wakhlu Advisory, Mr. Milind Kamble Founder Chairman,DICCI.

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

<https://www.dietms.org/wp-content/uploads/2019/12/DIEMS-Best-Practices.pdf>

### 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

In order to serve the society by addressing its need, it is important to inculcate good academic and industry knowledge among the students. The institute is working hard to prepare students for facing the global challenges in addition to inculcating moral and ethical values among them. By motivating the students for project based learning, the institute is striving for imbibing research attitude in the students. Our Institute has started a unique innovational approach "Engineering Exploration in Engineering. It is the team taught approach that focuses on real life problem solving, Engineering design, multidisciplinary skill, Ethics. Students work in team to solve identified problems. Total 35 ideas and 60 unique projects were successfully presented the event For making them aware about traditions and value orientations the institute • Start the day with National anthem. • Instead of lamp lightening, programs are inaugurated by watering the plant. • Celebrates birth anniversary

of leaders of National importance. • Promotes social activities through NSS cell and supporting various events for society. • Has formed various clubs to nurture the varied interests of the students. • To promote the cultural values State Day is organized every year as a part of Annual social gathering of the institute. • Conducts Annual Social Gathering named "Quasars" so as to give opportunity to all students to exhibit their talent through variety of events.

Provide the weblink of the institution

<https://www.dietms.org/wp-content/uploads/2019/12/Institutional-Distinctivness.pdf>

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

- Prepare the institute for obtaining Autonomous Status.
- Research Center reorganization for all Post Graduate Departments.
- To obtain National Board of Accreditation for all eligible courses.
- To improve collaboration with industries.
- To get associated with premier institutes in the country.