



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

DEOGIRI INSTITUTE OF ENGINEERING
AND MANAGEMENT
STUDIES, AURANGABAD, M. S

- Name of the Head of the institution **Dr.Ulhas Shiurkar**
- Designation **Director**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **0240-2367567**
- Mobile no **9011078272**
- Registered e-mail **admin@dietms.org**
- Alternate e-mail **shiurkar@gmail.com**
- Address **Deogiri Campus, Station Road,
Aurangabad, Maharashtra -431005**
- City/Town **AURANGABAD**
- State/UT **Maharashtra**
- Pin Code **431005**

2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Dr. Babasaheb Ambedkar Technological University, Lonare**
- Name of the IQAC Coordinator **Prof Sachin C Borse**
- Phone No. **02402367519**
- Alternate phone No. **02402367567**
- Mobile **9420929365**
- IQAC e-mail address **iqac@dietms.org**
- Alternate Email address **sachinborse@dietms.org**

3. Website address (Web link of the AQAR (Previous Academic Year))

<https://www.dietms.org/>

4. Whether Academic Calendar prepared during the year?

Yes

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

<https://www.dietms.org/wp-content/uploads/2022/03/Academic-calender-2020-21.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	2.83	2017	30/10/2017	29/10/2022

6. Date of Establishment of IQAC

14/11/2016

7. Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Nil	Nil	Nil	Nil	Nil

8. Whether composition of IQAC as per latest NAAC guidelines

Yes

- Upload latest notification of formation of IQAC

[View File](#)

9.No. of IQAC meetings held during the year 3

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report **No File Uploaded**

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? No

- If yes, mention the amount

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

- IQAC initiated the process to define Program Outcomes, Program Educational Objectives, Program specific objectives course objectives in curricular framework.
- Promoted research culture in institute by motivating students to participate in various research and innovation activities.
- For enhancement of quality in academics administration feedback was taken from various stake holders.
- 14 Clubs are formed which motivates to attain human values, Professional ethics, sustainability, and environment.
- Motivated Faculties for effective use of ICT Tools in Teaching Learning Process.

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

Plan of Action	Achievements/Outcomes
Introduction of New Progeram	New Program AIML with a Intake of 60 was Started
Strengthen the Training and Placement Activities	Camus Credential was Implemented
Promotion of Research Culture	New Research Policy was Implemented
Planned for NBA	Two Departments Civil Engineering & Electronics and Telecommunication Engineering Started the Preparation of NBA
Strengthen the Feedback system	Feed back from all stake holders taken Analysed and Action Taken.

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

- Name of the statutory body

Name	Date of meeting(s)
College Development Committees	12/03/2022

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• if yes, whether it is uploaded in the Institutional website Web link:	https://www.dietms.org/wp-content/uploads/2022/03/Academic-calender-2020-21.pdf				
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6.Date of Establishment of IQAC			14/11/2016		
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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		
9.No. of IQAC meetings held during the year			3		
• Were the minutes of IQAC meeting(s)			Yes		

and compliance to the decisions have been uploaded on the institutional website?	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded
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<ul style="list-style-type: none"> Name of the statutory body 	
Name	Date of meeting(s)
College Development Committees	12/03/2022
14.Whether institutional data submitted to AISHE	
Year	Date of Submission
2019	19/01/2019
15.Multidisciplinary / interdisciplinary	
16.Academic bank of credits (ABC):	
17.Skill development:	
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):	
20.Distance education/online education:	
Extended Profile	
1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	651
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	2771
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	434
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	770
File Description	Documents
Data Template	View File

3.Academic	
3.1 Number of full time teachers during the year	140
File Description	Documents
Data Template	No File Uploaded
3.2 Number of sanctioned posts during the year	140
File Description	Documents
Data Template	View File
4.Institution	
4.1 Total number of Classrooms and Seminar halls	43
4.2 Total expenditure excluding salary during the year (INR in lakhs)	74744968
4.3 Total number of computers on campus for academic purposes	861

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Institution has well-structured Mechanism for planned curriculum delivery and documentation. Academic Calendar: Institute prepares institute and departmental academic calendar in line with University calendar. Academic calendar is displayed on notice board and website. Load distribution: Every department before the commencement of semester conducts a meeting for distribution of subject load as per curriculum and subjects are allocated as per the specialization and interest of the teaching faculty. Time Table: In line with load distribution, department prepares

class/laboratory/individual time table. Time table are displayed on the notice board and documented in the department. Course and Teaching Plan: Faculty prepares course plan, teaching plan before the start of semester. Well-designed staff dairy and course file is available with faculty. Continuous assessment: Continuous assessment-I & II are well planned by the faculties. Notice is circulated for the compliance of CA-I & CA-II. Notice, attendance sheet and mark sheet are documented. Data of practical evaluation 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. Attendance sheet, Permission letter, Thanks Letter & Photographs are documented. Syllabus Status: Head of Department takes periodic review of syllabus status 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 classrooms with LCD Projector, Internet facilities .Faculty member's uses various advanced tools in teaching-learning process such as Power point, Videos, Google Classroom, Various MOODLE courses. From the semester II of 2019-20, CSE department has started an initiative in which after the delivery of lecture faculty collects online feedback from students on the topic taught to understand the learning level of students. Internships & Projects: Students are exposed to Industrial world through Internship & Industry Projects. Internship Diaries are maintained. The Marathwada Association of Small Scale Industries and Agriculture (Massia) has joined hands with Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) under its project: Innovation Promotion. The aim of the project is to provide opportunities for skill development and to inculcate a researcher's attitude among engineering students of the region. Project review sheets and Industry letters are documented. Attendance Record: Attendance is monitored on a regular basis and maintained. The students who are having less attendance their parents are informed on phone call. Attendance record is maintained in the department. Value added & Enrichment Courses: Institute promotes students 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. Result Analysis: After Mid semester & End semester result analysis is done and & maintained in Concerned Department. The results are discussed and actions for improvement are taken. Institute has a Remote center of IIT Bombay, through which various courses are conducted for faculty enrichment.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/u/1/folders/_1Y7LOEwHp7lEFvgpszCXcvYk5UXOCviOW

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

As per affiliating University guidelines, the Institute prepares academic calendar which includes general features like commencement of semester, theory exam dates, practical exam dates, internal exam dates and end of the semester. Considering this, the Institute prepares detailed academic calendar.

The meeting of the heads of the departments along with IQAC coordinator and Vice Principal academic is conducted to decide the academic planning of the year. Before commencement of the semester, the Institute prepares its own academic calendar in line with the university academic calendar.

Based on the Institute academic calendar every department prepares the departmental academic calendar, which includes departmental curricular, co-curricular and extracurricular activities. The academic calendar is displayed on the notice board and published on the college website to communicate it to the students, teachers, staff, and parents well in advance.

The institute academic calendar consists of the following information related to CIE:

Commencement of Semester Class tests / Mid Semester Exam Dates for Continuous

Assessment

Project related seminar

Project Review

Display of List of

Defaulter students

Dates of Practical Examination Dates of Theory Examination

End of the Semester

Based on the academic calendar, Test coordinator prepares the detailed schedule of Class Test which includes the Question paper submission, Answer paper assessment for every unit test. Thus, Unit Tests are implemented effectively, and results are declared as per the schedule.

The project coordinator is appointed by the department to look after all the project related activities.

Every department conducts project progress review and seminar presentations as per standard procedure set by each department. This is part of the internal evaluation.

The teaching plan is prepared by each teacher which adheres to the academic calendar of Institute.

Attendance of the students is observed daily. Cumulative attendance and defaulter students' lists are displayed every month.

The policies are revised in meeting & flexibility is given to higher authority to make run time changes for the conduction of internal assessment.

The Director and HOD look after the following activities related to Internal Evaluation: Completion of Term work

Conduction of Theory Examination

Evaluation of Term work based on continuous evaluation Conduction of final Internal Examination.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating **A. All of the above**

University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

10

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

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

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

05

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

3346

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

1.3 - Curriculum Enrichment

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

Response:

The institute follows the curriculum of the affiliating University. Although cross cutting issues like Gender, Environmental Sustainability, Human Values and Professional Ethics are covered in the curriculum, the Institute also has provision of various activities which contribute to sensitizing students towards cross cutting issues.

The current curriculum has various courses which address Gender, Environment and Sustainability, Human Values and Professional Ethics related issues. These courses are offered across the various programs are Community services, Soft skills, Professional Ethics, Environmental Engineering, Planning for sustainable development, Human Values and Professional Ethics, Industrial Management, Business English, Basic Human Rights, Entrepreneurship Development, Renewable Energy.

Gender:

DIEMS is a co-educational institute that takes utmost care in

motivating and encouraging both boys and girls to participate in various curricular/extracurricular activities.

The institute has an Internal Complaints Committee (ICC) to implement the directives in general and to deal with complaints/cases of sexual harassment. Institute also have Online Grievance Redressal portal where students can launch their complaints. This Cell also organizes the following programs regularly:

- International Women's Day
- Workshops on Self defense
- Seminars on Safety and Security
- Seminars on Health/Nutrition

Environment and Sustainability:

In order to make students aware about the environment and sustainability, the affiliating university curriculum contains courses through which students are made aware. Awareness about environmental issues, urge for conservation of natural resources and sustainable lifestyle/development are inculcated in all our students through the course of environmental studies in their first year. Apart from this the institute try to educate the students to address environment and sustainability through

- Inaugurating every programme in the institute by watering the plant instead of lamp lightning .
- Arranging industrial visits to water treatment plants and places that educate them on environmental issues.
- Nature Club which arranges various activities such as Visit to Bird Sanctuary, Participation in Satyamev Jayate Water Cup, Tree plantation at Water and Land Management Institute (WALMI), institute premises etc.
- Awareness programmes by NSS wing which extensively carry out activities for environmental protection and ecological preservation.
- Vehicle pooling day.

- Prohibition of single use plastic items in the institute premises from current academic year.
- Cycling expedition from Aurangabad to Bhutan to spread the message "Cycling for Health and Pollution Free Asia".
- Use of papers on both sides. The journal pages are used by students for writing on both sides.

Human Values and Professional Ethics:

In order to inculcate human values, a course on Basic Human Rights is delivered to students of all branches. The courses like Environmental Engineering, Communication Skills, Business Communication and Ethics, Business Ethics, Organizational Behavior, are in the curriculum. The learnings are enhanced through case studies, projects and activities.

In addition to the curriculum, NSS and activities of various clubs add value to the holistic development of students. The Institute also organizes Pre-Placement training activities and mock HR sessions so that students are well-groomed and professional ethics are inculcated. PG Engineering students a course on Intellectual Property Right is part of the curriculum. Seminars and workshops on Ethical Hacking are conducted.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

22

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1065

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://www.dietms.org/wp-content/uploads/2022/03/Students-Feedback-Form-ETC-Third-2020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded

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

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

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://www.dietms.org/wp-content/uploads/2022/03/Students-Feedback-Form-ETC-Third-2020-21.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

707

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

382

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

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students which helps the students to improve their performance. After the assessment of the students' learning ability the slow learner is motivated to do better and advanced learners are promoted to excel in the particular course.

After admission, the induction program is conducted for first-year students, and their learning ability is evaluated on the basis of their percentage of Higher Secondary Certificate Examination. The induction program educates the students on importance of communication skill, historical aspects, learning with fun, club culture etc. The learning abilities are also assessed by the course coordinator per semester. The performance of the student may vary for different courses based on student's interest and pace. Method of identification and activities for slow & fast learners for courses are decided by the course coordinator on the basis of need of the respective course.

From past two years the institute has started an initiative "Engineering Exploration", a project based learning approach. After the admission to first year institute conducts a test and on the basis of the results of the same fast learners are identified. These students get an opportunity to work on project based learning approach to design and develop small products.

Following methods are used by the institute for the identification of fast and slow learners: Previous University Examination Results

Unit Test Result Technical Test

Teachers own assessment

The Institute has a provision for mentors for group of students

for academic and personal guidance. Faculty mentors review academic progress periodically and counsel students to improve performance and ensure academic growth.

Activities Conducted For slow Learners:

Based on the performance in internal tests, assignments remedial lectures/ Extra lectures are conducted

Personal Attention in teaching Re-test for improvement Question bank

Guidance for Seminar/Project presentation

Personal discussions on academics by the Course coordinator
Discussion with parents about academic progress

Solving University question papers Tutorials

Activities conducted for Advanced Learners:

Application-oriented assignments & Laboratory tasks are given
Students are involved in Project based learning activity.

Institute promotes advanced learners to participate in paper presentation, project competition, Surveys etc.

Workshop/Seminar on current trends

Industrial visits and Industry sponsored research projects (GIZ)

State Government sponsored Inter-University Research Project
Competition-Avishkar

Industrial training

Promoting the students for various scholarships / internships offered by Industries. Books of all subjects are provided to identified advanced learners from the library.

Along with this Both slow and advanced learners are encouraged to use MOOCS platforms like NPTEL, SWAYAM, Coursera, etc. for learning the basic as well as advanced courses.

For first year and second year students tutorial sessions are arranged for difficult subjects. Additionally some of the faculty

members conducts extra sessions after or before institute timing.

A group of senior students (Advanced Learners) of Computer Science and Engineering department conducts technical sessions of junior students as per their needs and requirements.

Institute has made special provision of exhaustive soft skills training and exclusive counseling to mould the slow and advanced learners to plan their career and placements.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/18r-im2KF8Mio3GVXBj0yFlAP0-NXKu2J/view?usp=sharing
Upload any additional information	View File

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

Number of Students	Number of Teachers
2771	140

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The teaching-learning process of the institute is student-centric and academic planning is done accordingly. The institutes emphasis is on enhancing critical thinking and creativity among students by incorporating student-centric methods such as experiential learning, participative learning and problem solving methodologies. The institute provides state of the art seminar halls and class rooms with infrastructure for ICT enabled teaching and learning.

1. Participative learning through regular classes supported with seminars, quiz, debates, brainstorming sessions etc

2. Separate lectures / sessions are arranged for soft skills and technical skill development.

3. Videos and animations for different technical concepts are made available to make lectures more interactive.
4. Assignments on advanced topics in every course are given which make the students to acquire the self-learning capability.
5. Online quiz, group discussions and seminars are conducted for advanced topics in various courses.
6. Institute motivates students to participate in various technical events like BAJA, Hackthons, Smart India Hackathon, Avishkar and DIPEX.
7. In addition for overall development of students, the Institute also conducts cultural and technical activities.
8. Experiential learning is supported by industrial and in-house projects.
9. Problem solving learning is encouraged through assignments and seminars.
10. A separate course is available in the university curriculum for seminar and mini project.
11. Along with conventional teaching-learning process of transferring the knowledge to students, through classroom lectures to provide a platform to students to look at independently, learn through self study and from their peers, guides them to develop effective and lifelong skills following student centric teaching-learning methodologies are used to enhance the learning experience of Student.

Presentations given by students under Mentor Mentee Mechanism.

Experiential Learning:

Institute promotes experiential learning among students through following Industrial and field visits

Internships

Project based learning

Participative Learning:

Regular Classes

**Workshops/Seminar/Augmentation Courses Conducted at Institute
Different Technical Events Organized at Institute**

Participation of Students in Different Technical Events

Problem Solving Approach:

The Problem solving methodology helps the student to understand the situation and come out with alternatives. It also helps to develop students' critical thinking. Some of the tools/ methodologies used by the Institute are:

Assignments Tutorial Sessions Student Seminars

Final Year Projects / Industry Sponsored Projects Project based learning (Engineering Exploration) Continuous assessment tasks

File Description	Documents
Upload any additional information	View File
Link for additional information	https://drive.google.com/file/d/1teZ9nTaOUZKPCyTR5ETOUbb3UW-ekJUZ/view?usp=sharing

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

For effective teaching learning Process Teachers use ICT enabled Tools. Effective use of Power Point Presentations, Videos, Animations are done by Teachers to develop Interest of students in Teaching Learning Process. Virtual Lab is one of the effective tools used by teachers in Institute for conduction of Experiments. Use of Quiz, Microsoft Forms are done in teaching Learning Processes. e-content are developed by teachers and provided to students for better understanding.

All of the above innovations and creativity in teaching learning process lead to improve not only the academic performance of the students but also their communication, human relations, technical and management skills which makes them industry ready. This is endorsed by acquiring ranking in the University merit list, winning medals, enrolling for higher education, final placements after internship and on/off campus placement.

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

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

2.3.3.1 - Number of mentors

140

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

2.4 - Teacher Profile and Quality

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

140

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

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

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

26

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

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

2.4.3.1 - Total experience of full-time teachers

1047

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

2.5 - Evaluation Process and Reforms

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

Institute follows affiliating university guidelines for the internal assessment. Complete transparency is maintained in all forms of internal evaluations. Two internal examinations, namely Class Test I and Class Test II (For Dr. B.A.M. University, Aurangabad) and Mid Semester Examination (For Dr. B.A.T. University, Lonere) in each semester are planned in academic calendar and executed. After assessment, answer sheets are distributed and discussed with students to maintain transparency. Examination results are displayed on notice boards and on college website. Overall performance, attendance, feedback about the student is communicated to parents during parents meet.

Term work (TW) assessment

Various assessment parameters, their evaluation process and criteria are discussed by each course teacher with students on day

one of academics. The same are displayed on the notice board of the department.

1. Dr. Babasaheb Ambedkar Technological University

Continuous assessment I and II are conducted as per the guidelines of Dr. B.A.T. University, Lonere. Following methodologies are used for evaluating the performance of the students

Online Test Surprise Test Presentations Survey/Case Studies

Mini Projects / Mini Applications

The CA I and CA II are conducted by every course teacher twice in a semester. The performance is communicated to the students and signatures are also taken.

For practical subjects, a separate practical evaluation sheet is maintained by each course teacher which is used to record performance of the students for each practical. After the completion of each practical faculty assesses the performance of the students using pre defined parameters and student signature is taken on evaluation marks.

2. Dr. Babasaheb Ambedkar Marathwada University

For Dr. B.A.M. University there is only head for term work assessment. This term work assessment is carried out using a separate practical evaluation sheet which is used to record performance of the students for each practical. After the completion of each practical faculty assesses the performance of the students using pre defined parameters and student signature is taken on evaluation marks.

Performance of each student for practical sessions is recorded daily in practical evaluation sheet and termwork of a student, which carries weightage in final university result, is evaluated based on performance in practical evaluation sheet.

Project and Seminar

As part of the internal assessment of projects and seminar, a review committee is formed which comprises of all the project guides and Head of the department. The project coordinator is appointed to look after the smooth conduction of project related activities. Students are allotted projects into groups. The project

guide monitors the performance of the students regularly. The review committee of the department takes the review seminars/presentation and the suggestion/ correction/ modification, are given to the students. Two/three reviews are taken on project by a committee constituted in the department. The performance of the students in review are recorded against pre defined parameters and the same are used to calculate the marks of the students in termwork.

MOODLE LMS and Google Form is used for internal assessment like quizzes and assignments

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/18DsHu_xvG_F-rOW1W-z_znbsykjxxbgOq/view?usp=sharing

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The Institute has adopted a transparent process for the evaluation of students as prescribed by the affiliating University.

All examination and evaluation related grievances, are routed through Office Superintendent of the institute with consent of the Director.

If the students have minor doubts/queries about examination, Office Superintendent resolves all queries at the college level itself.

Redressal of Grievance for Internal assessment:

Class Test / Mid Semester Test is conducted for the internal assessment. After assessment, answer books are shown to the students. Marks of the students are displayed on the notice board to ensure transparency in the evaluation. Student signature is taken on the marks obtained sheet in test.

Continuous evaluation of Laboratory work is assessed daily. Marks given after evaluation are signed by the students.

The student can raise the grievances related to internal examination and internal evaluation to the course coordinator, the

concerned course coordinator looks into the matter in order to resolve the grievance.

In the case the grievance redressed by the course coordinator is not accepted by the student, the student may contact the Head of the department and the head of the department redresses the grievance.

Redressal of Grievance for University level assessment:

There is a provision for revaluation of answer sheets. The students who are not satisfied with the marks obtained in university examination can apply for revaluation and verification of marks obtained.

The University provides the photocopy of answer books to students on demand after paying requisite fee.

After receiving the answer book student can apply for revaluation of the answer book if the student feels the need. Xerox copy of answer book is evaluated by concerned course teacher and required guidance is given.

The application is forwarded to the University.

Grievance(s) related with mark sheet:

An aggrieved student who has the grievance(s) related with mark sheet shall make an application to the university through the Director of the college. The university redresses all such grievances within a reasonable time.

The application submitted by the student shall be forwarded to the concerned section (Dy Registrar

viz. Academic grievance, administrative grievance etc. The university-level committee is responsible to redress the matter.

If the student is not satisfied with this decision, he/she can submit appeals to the higher authorities (COE) within a stipulated time. University level committee process grievance(s) submitted by the students.

Redressal of Grievance during Examination:

During the examination, if any student finds uncertainty in question seniors supervisor take the cognizance and convey the same to the Director.

These grievances are conveyed to the University through Director, which in turn are redressed by them.

Any other discrepancies in the exam procedure:

If any student has any grievance like a change in name in mark sheet; College sends the letter to the university through Director to resolve the issue. The university looks into the matter and appropriate measures are taken.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1qjCgGKWvZPRnFYLI6V4_dujI22bGkR7r/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

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

The Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are drafted in-line with the vision and mission of the Institute. Workshops and Seminars were arranged by IQAC of the Institute to orient the faculty members on Outcome Based Education, Bloom's Taxonomy, Graduate Attributes and formation of POs, PSOs and COs.

Each program has clearly stated Program Outcomes (POs), Program Specific Outcomes (PSOs) for the program which are achieved through Course Outcomes (COs) and Co-Curricular Activity. Faculty and staff are aware with Vision and Mission of the Institute, POs and PSOs of the program as they are involved in the formation process. POs of the program are in line with Graduate Attributes and the vision and mission of the Institute. COs for each course are finalized by individual Course Coordinator.

The resources (faculty, library, laboratory, etc.) and pedagogy to be adopted for effective course delivery and student learning are determined in consonance with the Course Outcomes to be attained.

The assessment of course outcomes is done by using direct and indirect measurement tools. POs and PSOs are displayed/conveyed through:

Institute website.

Display Boards at Department and other common places.

The Course outcomes for the specific course are communicated and explained by faculty to students at the commencement of the course. It is also uploaded on the College website for information to the viewer.

POs and PSOs and COs are a mandatory part of the course file prepared by the course coordinator

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/document/d/1YXEdoPQ_rZ9gMcD15u4FvV-e79eMa6ed/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Institute has developed a mechanism for evaluation of outcomes. Each Program formulates its Program Outcomes and Program Specific Outcomes. The Program Outcomes are finalized considering the Graduate Attributes and blending those appropriately to suit the program. The PSOs are defined in line with the expectations of professional bodies, industry and society. Course Outcomes for each course are defined by individual Course Coordinator. Each course outcome is mapped with the Program outcomes, and program specific outcomes to assess the students' progress continuously. Following the teaching activity; assessment and evaluation for each course are carried out through various means such as Assignments, Tutorials, Unit Tests, University Examination, Extra-curricular activities, etc. Then attainment level for POs and PSOs is calculated.

Attainment of Course Outcome:

Every teacher prepares teaching plan for theory subject and lab plan for practical subject by adding content in line with course objectives.

Every teacher does the mapping of COs with units in syllabus in such a way that one course outcome corresponds with one unit for theory subjects and one course outcome corresponds with two or three experiments for practical subjects. In this process if university syllabus does not have sufficient number of outcomes then the teacher has to design the additional outcomes.

Correlation of COs with PSOs and POs in terms of High, Medium and Low is represented with the help of correlation matrices.

Every teacher judiciously decides the target of attainment.

Individual teacher uses assessment/evaluation as an indicator for attainment of COs. The different evaluation measuring tools/methods such as class test, continuous assessment, practical evaluation sheet are used as per the need of the course.

Attainment of Program Outcome and Program Specific Outcome:

Knowledge related POs are attained by the students through the teaching learning process. They are assessed through direct assessment tools viz., internally developed class test, online exam, continuous evaluation during practical sessions

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/file/d/1wEh0P_8_vJt_OupsvzZOd7EsW_Kl_owS/view?usp=sharing

2.6.3 - Pass percentage of Students during the year**2.6.3.1 - Total number of final year students who passed the university examination during the year**

705

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://docs.google.com/document/d/1MmRq_P28NOM0Oo14uEDaIytVDNUKd0TV/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true

2.7 - Student Satisfaction Survey

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

<https://www.dietms.org/wp-content/uploads/2022/03/Students-Feedback-Form-ETC-Third-2020-21.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded

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

3.1.2.1 - Number of teachers recognized as research guides

7

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Response:

To create and transfer of knowledge and impart necessary practical skills, and to facilitate improvisation, innovation, and invention the Institution has created an ecosystem. The objective is to provide a conducive atmosphere to develop technological ideas into the product(s). As a part of this initiative, Institution has built a partnership with ecosystem players by having a close association with industries and entrepreneurs. To achieve objectives following activities are being carried out in the Institute. Lectures/workshops on IPR and patent laws Entrepreneurship Awareness Camp Project-based activities are promoted in the campus Students are encouraged to work on live projects offered by nearby industries Internship opportunities Participation of students in various events organized by GIZ-

MASSIA, CII etc. Institute has received a status of business incubator by ministry of MSME, Government of India from academic year 2019-20. From academic year 2018-19 institute has started two initiatives namely "Engineering Exploration" and "Partnership with GIZ- MASSIA". Engineering Exploration "Engineering Exploration" is one of the unique outcomes of innovative education ecosystem of DIEMS. This is a team-taught course that focuses on problem solving, Engineering Design, Multi-disciplinary skills, Ethics and Data Acquisition & Analysis. This course is co-designed and co-taught by faculty members drawn from multiple engineering disciplines & it follows PBL pedagogy. This course serves as a platform for peer learning and push students in Multi-disciplinary design thinking in first year itself. Under this course, in academic year 2018-19 total 40 Products/Prototypes are done by 160 students which are displayed in the form of project exhibition "Shodh- 2019" . Twelve need statements covering broad themes of utility saving, smart appliances, smart agriculture, industrial needs etc. are used by students to carve out problem definitions. Project implementation is done by students using Arduino, NodeMCU, Raspberry-Pi, GSM Module, GPS Module, Bluetooth, Wi-Fi platform. In current academic year 200 students are working 34 ideas and 40 products, covering 34 need statements will be exhibited. GIZ-MASSIA Industry Academia Projects Under this initiative industry problems are given to a group of students and they are expected to come out with a solution for the same. Each group of students are allocated a guide from institute and a mentor from industry. The group of students along with guide stay in touch with industry mentor through personal meetings, telephone and email to discuss about the problem. Under this initiative in 2018-19 students have worked on 34 projects and in academic year 2019-20 students are working on 44 projects. Other Initiatives : The institute consistently provides motivation, support and platform for students to showcase their skills and knowledge in various competitive technical events through Participation in SHODH, SUPRA, BAJA, GoKart, Hackathon, Avishkar, etc. Financial, Academic, Infrastructural support Availability of resources like library, internet, laboratory, workshop etc. Professional counselling Equally, institute encourage faculty members to participate in FDP/STTP organized in-house as well as in other organizations. Faculty members are also encouraged to work on funded research projects and apply for patents. Currently faculties are working on 3 funded research projects and have filed 3 patents.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1g6jp8cwc-UAR5A4NTLOXggplsiO5wpq9/view?usp=sharing

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

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

12

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

3.3 - Research Publications and Awards

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

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

2

File Description	Documents
URL to the research page on HEI website	https://www.dietms.org/naac-2/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

9

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

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

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

23

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

3.4 - Extension Activities

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

Response:

In line with institutes vision and mission, the institute is very insightful to the impact of various extension activities on its students, employees, as well as on the regional community and on the environment. The institute believes in giving back what it has gained from the communities in which we live, work and play. The institute considers the impact of all extension activities on the local community and hence the various social and technical activities, events and programmes are very much reflects our commitment to operate in a techno-social responsible manner. We aim to pursue our goals as one, keeping agreement with planet and society. The institute facilitates the student in various social and technical activities. Institute has conducted various social and technical activities for sensitising and motivating the students to social issues and their holistic development so far. National Social Service Committee play a pivotal role in

sensitizing the students. The institute introduces various activities to the student's during the induction program and ensures their participation throughout the academic year. Involvement in such service-learning activities helps students to become mature and socially responsible. Institute organizes and participates in activities like:

- Tree plantation at Padegaon.
- Tree plantation at Golwadi.
- Online quiz on the Occasion of Subhashchandra Bose Jayanti
- Celebration of World water day:
- Health Checkup Camp
- Azadi ka Amrut Mahostav
- Circulation of flyers to aware about COVID 19
- Arranged Vaccination program for COVID 19 with Municipal Corporation
- Celebration of World Earth Day:
- Blood Donation Camp
- Cleanup drive of historical monuments
- Birth Anniversary Celebration Indian Legends
- Donation for Orphanages
- Cycling Expedition for Social Awareness

Students actively participate in various holistic competitions like Drawing, Elocution, Debate, Essay writing, Add-Mad Competition, Extempore, etc. These lead to emotional, intellectual, social, and interpersonal development of students. Students have the opportunity to improve their leadership quality, interpersonal skills, self-confidence by organizing Socio-Technical events, Institute motivates students to participate in the Youth Festival, Avishkar, and Young Inspiratory Network (YIN) activities. It provides a platform for networking and collaborates with youths which exposed students to stand up for their rights and seek their personal and social development.

Due to the above mentioned activities students are able to:

- Acquire Leadership qualities and develop a democratic attitude.
- Gain skills in mobilizing community participation.
- Develop competence required for group-living and sharing of responsibilities.
- Handle emergencies better and learn to think on their feet.
- Are more empathetic to their fellow humans by developing a sense of civic and social responsibility.
- Practice national integration and social harmony.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1lqmHFOifP3BoMZvRpsHdWUIsfEMt0mRJ/view?usp=sharing
Upload any additional information	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

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

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

9

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

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

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

541

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

3.5 - Collaboration

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

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

886

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

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

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

7

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Provision of adequate infrastructural facilities for teaching and learning has always been a priority area for the Institute. The Institute abides by the norms provided by AICTE and affiliating university to provide and enhance the infrastructure required to facilitate effective teaching and learning. The Institute has a total land area of 8.02 Acres of land which is constructed with robust structures for various academic purposes. With a foresight of additional intake, addition of new courses and change in the syllabus, the Institute forwards the requirement like building space, laboratory equipment, books and journals for the library, IT resources, etc. to the management. The management reviews the requirements and approves if appropriate and then facilities are created/procured by the standard procedure. The Institute has planned and constructed the infrastructure which facilitates the curricular and cocurricular activities. All the departments are fully equipped with the necessary infrastructure to meet the ever increasing requirements which adequate class rooms, seminar halls, tutorial rooms, laboratories, and sufficient space for hosting all academic activities as shown below. Classrooms: Each classroom is of adequate size and has enough lighting, air ventilation and good ambience. The Institution has a sufficient number of well-furnished, well ventilated, spacious classrooms for conducting theory classes. Class rooms are equipped with overhead LCD projectors to facilitate the teachers to adopt varied teaching methods. Each department has 2 classrooms which are equipped with audio and speaker facilities. Laboratories/Workshops: Institution has well equipped laboratories, Central Computing Facility and central workshop for different departments. The Institute has Laboratories with state of the art infrastructure with required

equipment and machinery for the students to carry out Practical courses, projects and research work. All laboratories are operational, and well maintained not only for carrying out curriculum oriented lab practical but also to carry out out of box experimentation and research activities. Seminar Hall: The Institute has state of the art seminar halls equipped with audio video systems and LCD projectors. Four seminar halls are developed to cater different requirements with a seating capacity of 225, 125, 100 and 80 respectively. These halls are regularly used for conducting different curricular, co curricular and extra curricular activities. Computing Facilities: Institute has sufficient computing facilities with total 861 computers for staff and students. All computers are equipped with high speed internet of 200 Mbps speed. Cyberoam CR200iNG XP Hardware firewall, HP DL 380 Xenon octa core rack server and McAfee endpoint security antivirus software. ERP software is being utilized for efficient management of all processes at the Institution. Accounts Section, Establishment Section and Student Section and all departments utilize ERP software facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

The importance of extracurricular activities on Institute campus is well established. The Institute encourages and facilitates the students to participate in various activities to ensure the development of skills like leadership, team spirit and holistic development. A physical coordinator along with a team of faculty members looks after the extracurricular activities of the institute. The college have following Outdoor and Indoor sports and Cultural facilities. Indoor Sports: Table Tennis, Chess, Carrom Outdoor Sports: Cricket, Badminton, Volleyball, Basketball, Football, Kabaddi Cultural Activities: Each year institute conducts Annual Social Gathering named "Quasars". Various cultural events like singing, dancing, and drama etc are conducted during Annual Social Gathering. Along with this institute has functional clubs like trekking club, runner club, cycling club, music club, film club, photography club, debate club, Arts and Culture Club, rider club, nature club etc which conducts several activities

round the year for students. Each year institute celebrates yoga day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dietms.org/sports-and-games/

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

31

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

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

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

74744968

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The library is the heart of all academic activities of the Institute. Students are motivated to make the best use of library facilities for their development. The Library is using a software developed by parent trust having version 2.5. This software is an integrated, multi-user, software which can be used to manage different functions of the library such as accessioning, cataloging of books, circulation of books, circulation of book banks. The software is used to generate various reports such as accessioning reports, members reports, and circulation reports. Accessioning reports give details of accession register, withdrawn register, date wise purchase, books not marked for circulation. The Circulation report provides details of the issue/returned book list, highest running book, highest running member, book transaction history and book bank issued list. The book circulation is done on students bar-coded identity card and barcode on books. Laser printer and laser barcode scanner devices are available to make books issue-return process easy and accurate. The software is used to generate barcodes of books, spine labels of books, and members' borrow card. Following are the facilities available in the institute library. The library contains more than 35,000 books out of which more than 2,000 reference books are available. The library has state of the art reading room with a capacity of 250 students. The institute has subscribed 102 National and International hardcopy journals. The institute has subscribed for more than 11,000 e-journals and facilities such as Science Direct, JGATE, DELNET, EBSCO and National Digital Library are available. The library also houses a separate digital library through which web resources can be accessed.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

6.92

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

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

IT infrastructure is an essential pillar of the institute to support academic and administrative services. To cater to the volume and speed of services updating the IT infrastructure is unavoidable. Institute makes provision in the financial budget every year for adding recent computers and software to support

updating of IT infrastructure. Currently, the institute is having 871 computers and laptops with it. The computers are well networked to provide intranet and internet facility. The computer network is supported with "HP DL380" server having Octa-Core Xeon multi threaded processor with 64 GB of RAM which provides in house computing services, robust open source Linux based CentOS7 operating System. All the classrooms are equipped with projectors systems to enable projection of presentations, videos etc. All the IT infrastructure is provided with software support that is updated from time to time. System software is updated from Linux-Ubuntu, Windows to open source Ubuntu 16, Windows 10. Latest Tally ERP 6 software used for accounting is updated regularly. ERP software developed by parent trust is used to facilitate administrative functions of the institute and which is regularly updated. The institute has rack mounted external hardware firewall form world's leading firewall manufacturing company Cyberoam with model cyberoam 200 ING, which provides network monitoring, internet load balancing, malware and virus detection, anti-spamming, and user based protection. Also it is configured with standard internet security policies. The Electronic CCTV Surveillance System has been installed in the campus for identification of malicious activities provides security to students, faculty, and staff. The computational facilities are provided with internet connectivity of 200 MBPS. One dedicated leased line of 100 MBPS from BSNL and another backup line of 100 MBPS is available. Required softwares are also procured and are updated regularly. Learning Management System (LMS)-Moodle is available, which helps the institute to manage effective teaching learning processes. 3-Layer Switching (Core, Distributed and Access) network is available for the entire campus. Core layer switches in the buildings have been connected with the Optical Fiber ring Network. This core switching is further extended to Distributed Switching for departments where 100/1000 Mbps (Gigabit Switches) are installed. The Institute has separate centralized maintenance system in order to support the IT infrastructure, campus facilities and equipment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

861

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

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

159.47228

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institute has established systems and procedures for maintaining the physical, academic and support facilities. Housekeeping and Maintenance section is divided into various subsections such as Housekeeping, Electrical Maintenance, IT Maintenance (IT Cell), Building Maintenance etc. A maintenance

request is submitted to the Director and the same is forwarded to the maintenance in charge. The in-charge register the request and forward the same to respective maintenance personnel and coordinates the material requirement if any with stores. The maintenance in-charge takes the follow up on the status of the maintenance work from the respective section until the completion of the work. Maintenance and utilization of physical, academic and support facilities is done as follows

Laboratory: Institute has well equipped laboratories to meet the requirements of the syllabus of the affiliating university. The lab in charge looks after the smooth functioning of the equipment. If the equipment is nonfunctional or not working properly, the 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 the 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. 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. 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 student 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 the examination period the same is kept open for 24 hours.

Sports: Indoor and Outdoor sport facilities are available in the Institute. The institute shares open ground facility provided by parent trust within the 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dietms.org/institutional-facilities/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

2526

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

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

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

67

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.dietms.org/capability-enhancement/
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1670

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

1670

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

5.1.5 - The Institution has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

218

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

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

5.2.2.1 - Number of outgoing student progression to higher education

40

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

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

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

1

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

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

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

The Students' Council is established at the institute under the Maharashtra University Act upto academic year 2017-18. For the last 2years because of the state government guidelines student council is not formed at the institute. Along with the students' council at the institute level, every department at the institute has the students' association such as:

- Mechanical Engineering Student Association (MESA)
- Student Association of Electronics Engineers (SAEE)
- Civil Engineering Students Association (CESA)
- Association of Computer Science and Engineering (ACE)
- Association of Management Students (AMS)

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 the following committees of the institution

1. Anti Ragging Committee 2. IQAC3.Hostel Committee 4.Anti Ragging Squad 5. ICC Committee etc.

Along with representation of students in academic and administrative bodies they also participate in co-curricular and extracurricular activities like SAE-TIFAN, M-BAJA, E-BAJA, Go-Kart, SUVC etc.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1AXhIAkNMO046JvmTgB4JUc5s9IFFvZTI/view?usp=sharing
Upload any additional information	View File

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

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

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	No File Uploaded

5.4 - Alumni Engagement

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

The 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
- Vice President
- Secretary
- Joint Secretary
- Treasurer
- Members (2)

The alumni association meeting is conducted by the association regularly and the Institute conducts the alumni meet annually. Alumni meet provides a good opportunity to the faculty, staff, and students, for interaction with the alumni working in various sectors and at a different level. The alumni are invited for the conducting Expert talks, Seminars, workshops on different areas of their expertise. Our alumni have proposed donation in terms of money, study material, machinery and required services for the renovation, repair, reorientation and landscaping requirements required for infrastructural development of the Institute. Alumni of the institute regularly visits for sharing their professional experience with the students of the institute.

File Description	Documents
Paste link for additional information	https://www.dietms.org/alumni-association/
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institute established in the year 2009, a self-financed Engineering and Management Institute, managed by Marathwada Shikshan Prasarak Mandal (MSPM) for imparting quality technical education. MSPM established in the year 1964 is a Public Charitable Trust registered under the Societies Registration Act. MSPM ardently strives to create a community of educators who are committed towards the development of students, and it ensures quality education. Total 7 institutes under the roof of parent trust are awarded with 'A' grade by NAAC and 4 institutes are recognized by state government as college with potential for excellence. The institute is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere for Engineering courses and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for

Management courses.

Vision Statement

Nation building by creating opportunities for rural and urban students through excellence in education and research in the field of Engineering and Management

Mission Statement

- To develop the students for best academic and industrial practices by implementing innovative teaching learning methodologies, promoting all round development by giving exposure to a series of activities
- To prepare the students to face global challenges by equipping them with requisite technical expertise and developing entrepreneurship skills among them.
- To promote research attitude among faculty and students.

Objectives

- To achieve excellence in academic.
- To ensure overall development of students by supporting them through Co-Curricular and Extracurricular skills.
- To build industry- institute interaction.
- To support for placement and entrepreneurship development.
- To encourage research and development activities.

The established policies, roles and responsibilities of stakeholders, SOPs for various processes and activities in the Institute ensure the integrity and effectiveness of the governance and administration. The Institute believes in shared leadership and participative decision-making wherein stakeholders of the

institute participate and contributes for effective realization of the vision and mission. This reflects the decentralization of its operations and delegation of the necessary authorities and responsibilities.

To ensure the quality and imbibe excellence and overall development, IQAC has developed the perspective plan aligning with vision and mission of the Institute. It is the time-bound objective set for academic, administrative, research and development activities. The entire process is based on participative approach wherein the faculty members and other stakeholders are involved in the development of plans and its execution. Various committees and Clubs under the leadership of senior faculty members are constituted to ensure the value addition which lead to the holistic development of the students. Further, we consider the social responsibility to be imbibed in our students and this we do it through community service and various club activities.

Faculty members actively participate in academic activities of the University for Revisioning the syllabus, setting examination papers, Assessment of answer books, moderation of answer books, and external examiner for Viva-voce etc. which helps in achievement of the mission of the institute.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1h_7AhV1V8AQJgyq4b1RptI4EhobkpYUN/view?usp=sharing
Upload any additional information	View File

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

The Institution has a culture of decentralized governance system with well-defined inter-relationships. Institute delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular/co- curricular/extracurricular activities to be conducted during the academic year. The departments are encouraged

to arrange various activities with the support of Management for the benefit of Students and Faculty.

To facilitate smooth, fast, and easy working Institute has adopted the following practices.

The institute has created a post of Vice Principal for assisting and sharing the workload of Director. All the academic activities are coordinated through Vice Principal. The Vice Principal is also acting as a bridge between HOD and Director for timely actions on various issues. The Vice Principal looks after all academic affairs of the institute like Academic Calendar, Workload, Timetable, Conduction of Classes.

Further, to encourage decentralization and participative management, the institute has constituted various committees at departmental level and institute level. This practice has enabled participation of all staff members in coordination of different activities and enabled HOD for smooth functioning and problem solving at departmental level. In each institute level committee one representative of each department is involved so that the activity can be streamlined. This enabled the authorities for conduction and review of different activities through better participation and involvement.

Faculties are also empowered to decide academic/administrative/co-curricular/extra-curricular activities which have strengthened administrative skills with professional responsibility and accountability.

Case Study: SHODH (Engineering Exploration)

The first year Engineering course - "Engineering Exploration" is one of the unique outcomes of innovative education ecosystem of DIEMS. This is a team-taught course that focuses on problem solving, Engineering Design, Multi-disciplinary skills, Ethics and Data Acquisition & Analysis. This course is co-designed and co-taught by faculty members drawn from multiple engineering disciplines & it follows PBL pedagogy. Students work in teams to solve identified problems. This course serves as a platform for

peer learning and push students in Multi-disciplinary design thinking in first year itself.

To encourage research and development in the field of engineering and Management is always the priority of our institute, and for promoting the same we have organized Shodh 2019, wherein 35 ideas and 60 Projects were given the platform to exhibit their innovation. Following is the details of committees who were delegated with the exhibition work

1. Invitation Letter and Brochure Preparation Committee

1. Guest Invitation Committee

1. Stall Arrangement Committee

1. Report, Media and Photographs Committee

1. Feedback Committee

These committees have carried out their allocated work through participative management and is the reason for the grand success of the event. Because of decentralization of work, each committee member is empowered with a sense of responsibility and decision making took place in participative manner.

Case Study: NPTEL Local Chapter

Due to space limitation, it is not possible to describe the details here. However, documentary evidence of the same are attached in additional information

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1TvyXtB9FD0ocsGNPtcqIUXyt-AqCZMuZ/view?usp=sharing
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has a strategic plan for development where the goals and action plans are stated and are aligned with the Institutes Vision and Mission. The plans are developed by a group of people involving Management, Director, HOD and senior faculty members of the institute in consultation with IQAC. The strategic plan was developed for the year 2017-22 by keeping in mind the needs of the students, changing industry scenario, competitive market etc. The strategic plan is also available on the institute website.

Example activity implemented successfully on the basis of Strategic Plan: Strengthening Industry and Community Partnerships

Under this strategic initiative the institute has defined following strategic initiatives Initiative

1: Strengthen industry partnerships in an effort to increase industry-supported applied research and collaborative laboratories.

Initiative 2: Strengthen industry partnerships through expert talks, industrial visits etc.

Initiative 3: To engage the students for maximum industry projects, internships.

Initiative 4: Develop a formal DIEMS alumni relations program.

The activities carried out for achieving are listed below

Strategy

Strategic Initiative

Activities Conducted

Strengthening Industry and Community Partnerships

Initiative 1: Strengthen industry partnerships in an effort to increase industry-supported applied research and collaborative laboratories.

To strengthen partnership with industry the institute has started working in association with GIZMASSIA for solving problems faced by the industry. A group of students are allotted an industry along with a guide and mentor from industry. The students work for solving the real problems of the industry in consultation with guide and mentor. In academic year 2017-18 students carried out 14 projects, 34 projects in 2018-19 and in current academic year students are working on 46 projects.

Initiative 2: Strengthen industry partnerships through expert talks, industrial visits etc.

Institute is keen for increasing domain expertise of students. It is the tradition of the institute to invite experts from industry to interact with students on recent trends and technologies. To support theoretical knowledge with practical applications institute regularly organizes industrial visits. These two initiatives have helped students to gain practical knowledge. Till date around 810 expert talks and 636 industrial visits are arranged by different departments.

Initiative 3: To engage the students for maximum industry projects, internships

From the beginning the institute permits students to work on industrial projects and internships. From academic year 2017-18, the institute is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere and as per the curriculum of University internship is compulsory to the students. Till date total industry sponsored projects were completed and students successfully completed internship.

Initiative 4: Develop a formal DIEMS alumni relations program

The institute was started in the year 2009 and total 7 batches have passed out. Being a new institute the alumni of the institute are yet to achieve senior positions in their respective organizations and thus cannot help the institute financially. But the institute keeps regular interaction with alumni through phone, email and social media. To increase interaction with alumni

institute arrange regular alumni meets. Also alumni are called for expert talk or to interact with students on current industrial practices.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1HmdgZaB32jzzFgS5SWwrx9MZzVCevGT/view?usp=sharing
Upload any additional information	View File

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

Deogiri Institute of Engineering and Management Studies, Aurangabad has a well-established organization structure under the guidance of Marathwada Shikshan Prasarak Mandal (Parent Organization), for the smooth functioning of the administrative and academic process. . For the smooth functioning of all the institute the trust has adopted decentralized approach, the trust regulates the overall functioning of the institute by forming Local Governing Council (LGC) at institute level who monitors day to day functioning of the institute and coordinate with top management and take necessary decision as and when required. The Local Governing Council (Now named as College Development Committee) is of 15 members constituting Chairman and Secretary of the trust, 3 local members nominated by management, 5 invited members nominated by management, 3 representatives from teaching faculty, 1 representative of non teaching staff and Head of the Institute as Member Secretary.

The Director of the institute is head of Administrative and academic activities and monitors the overall functioning and has powers for academic, administrative, finance and institute's growth. Further Head of Department (HOD) is authorized for the success of the programme in the department and report to Vice Principal. Each department has year coordinator and class teacher, non-teaching staff to coordinate the academic and administrative activities respectively. For support function our institute has office superintendent, Account officer, Library, Training & placement, security etc. has designated in-charge who report to Director.

Service rules: Service rules as enforced by Government, affiliating University and All India Council for Technical Education are followed.

Recruitment and Promotions: Recruitment and promotion policies and rules have been defined by statutory bodies and decisions are taken following these.

Grievance Redressal Mechanism: The institute is very much keen about addressing the grievances of its stakeholder's. For the same purpose, the institute has a grievance Redressal cell to respond to the grievance arising in the institute. Following are the committees constituted for prohibiting/addressing various types of grievances.

- Grievance Redressal Committee
- Internal Complaints Committee (Vishakha Samiti)
- SC/ST Cell

Online Grievance Redressal Portal

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1y8fXJLXdMpp76_vPAe_VRuLJVGJ4Zu_h/view?usp=sharing
Link to Organogram of the institution webpage	https://drive.google.com/file/d/1y8fXJLXdMpp76_vPAe_VRuLJVGJ4Zu_h/view?usp=sharing
Upload any additional information	View File

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Deogiri Institute of Engineering and Management Studies undoubtedly considers that the teaching and nonteaching staff play a key role in the growth of the institute and therefore providing welfare facilities and services at the workplace becomes vital to provide continuous improvements in work environment. These welfare measures include enriched physical and mental health to the employees and thus promote a vigorous and encouraging work atmosphere. It would also stimulate the employee's productivity and commitment to the institute. Indeed, a motivated employee will respond by contributing to the best of his / her capabilities.

A list of welfare facilities and services provided to the teaching and non-teaching staff at the institute is provided below. These facilities and services are availed by them based on their eligibility and requirements at the appropriate time as per the prevailing norms of the Institute

Welfare Schemes/ Facilities for Teaching Staff

Welfare Schemes/ Facilities for non Teaching

Staff

The institute has a positive approach for the Welfare of the Faculties.

- The institute provides funds to Faculty members in case of a medical problem.
- Institute gives maternity/ paternity leave to female faculty members.
- 25 percent fee waiver for wards of the members belonging to any school or college run by the Trust for taking professional education.
- Advance against salary to faculty members.
- Provision for provident fund and gratuity
- Study leave for pursuing higher studies and industrial training.
- The institute has formed an informal group of faculty members which contribute a certain amount of money monthly. From the amount collected, faculty members can avail loan without any interest.
- Free Health Check is provided in Institute.
- Child care facility is availed to Ladies Faculty by Institute.
- Festival advance

The Non teaching staff is taken care of by availing various facilities

- The institute provides funds to Nonteaching members in case of a medical problem.
- Institute gives maternity leave to female staff members.
- Institute gives uniforms to class IV employees.
- 25 percent fee waiver for wards of the NonTeaching members belonging to any school or college run by the Trust for taking professional education.
- Advance against salary to staff members.
- Provision for provident fund and Gratuity
 - 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 without any interest.
 - Free Health Check is provided in Institute.
 - Festival advance

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/15dPwhS9bcRwOeEg8hS3V_oNsMh6ZBoDW/view?usp=sharing
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops

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

3

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

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

1

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

287

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Quality teaching is indispensable for improving student outcomes and achievements. Institute has well designed performance appraisal system. It is implemented with the help of Performance Appraisal Form which evaluates overall performance of the employees. Performance is self-assessed and duly filled in PAF by Faculty and Staff at the end of every year. PAFs are then evaluated by respective HODs /Section heads and Director. PAF system inspires Faculty which boosts professional knowledge and growth. Therefore, it is made mandatory for every Faculty and Staff to submit the performance appraisal every year. The performance appraisal system evaluates staff on following parameters:

1. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given)

1. Co-curricular, extension and professional development related activities (Extension/co-curricular, Professional Development Activities and Contribution to the Management of Activities)

III: Research, publications, and academic contributions

IV. Official conduct (target-based works, punctuality, and obedience)

Performance Appraisal System for Staff is monitored on the parameters observed. The integrity and their character are also reviewed. The length of service under reviewing authority is noted. The system is transparent and the appraisal with comments of the Head of the Department is then analyzed by the Director. After the evaluation every concerned staff is either appreciated or directed for further improvements. Based on the reviews, the report is submitted to the Management for further actions.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1GIMBfl2_x_yih0-7bF5BC2VhVTij3Jy5M/view?usp=sharing
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

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 (self developed). 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 .

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/11K4owtuzZ2EfrRnwFI5Jcg1IJf7XUE2z/view?usp=sharing
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose which help ultimately in realizing the institute's vision and mission. Institute has made the necessary provision in the books of account towards efficient use of the available fund for each academic year. As per the guidelines of the management and Principal, Variance report of sanctioned budget and actual expenditure are regularly maintained. The Institute has a well defined procedure to monitor effective and efficient utilization of available financial resources for infrastructure development and academic processes. Every year, the budget is prepared well in advance after taking into consideration the requirement of every Department. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumable required for next academic session. Principal puts up the budget in Governing Body meeting and after discussion

and necessary corrections/modifications; Governing Body recommends the budget for approval. The budget is reviewed by the management and approved after necessary changes. As and when required, the institute makes a provision for advance additional funds. The Principal and the Head of Departments discuss the requirement and decide the priorities while allocating financial resources for various purposes; and also ensure optimum use of available financial resources. The Governing body studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. The Institute has standardized procedure for sanctioning of funds for various activities and also for settlement of advance and passing of bills for payment.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1xDfLhqdRXbxvErFQqOCokPnoLctSvsIh/view?usp=sharing
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Institute has constituted IQAC in November 2016 and since then it is acting as a central agency for coordinating quality related activities including adoption and dissemination of best practices. It has created learner-centric environment conducive for quality education and also constituted processes for effective delivery of academic practices. IQAC coordinator along with Director, Head of departments and other stakeholders discuss various activities leading to improvement of quality of education of the institute. The initiatives suggested by IQAC are effectively operationalized by respective departments.

Following are the two best practices that IQAC has institutionalized for improvement of quality initiatives

1. Effective use of E- Learning Mechanism:

Objective: To inculcate self learning approach among students through the use of various MOOCS and E learning platforms

Context: With the advancement in technology and better internet connectivity, it is possible for students to participate in various online courses offered by MOOCS and different E learning platforms. The use of these platforms allows students as well as faculties to gain knowledge of respective subjects from domain experts and that too irrespective of location and time.

Practice: Students and faculties are encouraged to enroll for various courses offered by NPTEL, SWAYAM, EDURICA, COURSEERA etc. Each faculty teaching a particular course also encourages students to enroll for the course and also to appear for the examination. Institute also has a remote center of IIT Mumbai, through which various online courses are conducted in the institute premises for faculties. Additionally institute has hosted faculty development programs organized by National Institute of Technical Teachers Training and Research (NITTR).

Outcome: This practice has enabled the institute to inculcate self learning approach among students and has helped faculties to update their course expertise. In the past two years significant increase in participation of students and faculties is observed.

2. Effective use of Continuous Assessment Methods :

Objective: To enhance critical thinking, problem solving approach and learning capability of student's continuous assessment methods are chosen so as to address the need of the industry.

Context: To enhance the methods suggested by affiliating University, the institute has taken initiative for implementing Continuous Assessment methods to satisfy diverse learning needs of the students. Also the interest of students is addressed because of a variety of assessment methods.

Practice: Each course teacher before the commencement of the semester identifies the methods that will be used for continuous assessment of students. All course teachers along with year coordinator and HOD discuss on identified methods and finalize continuous assessment methods for a particular class. The same

process is repeated for each class. The finalized methods are then discussed in HOD meeting with Director and after his suggestions the methods are communicated to students. While deciding the methods for continuous assessment care is taken so as to address various assessment mechanisms such as Quiz, Survey, Online Test, Case Study, Open Book Test, Surprise Test, model building, presentations and small/mini projects.

Outcome: The outcome of this activity is increased student engagement in class/laboratories and increased participation in academic activities.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1NOJ8_9-Lo_iOWFbkY_hvWW0Wu-pHYyp3Y/view?usp=sharing
Upload any additional information	View File

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

IQAC is the central body within the institute to continuously review the teaching-learning processes of all the programs. The academic calendar of the institute is prepared in line with the Academic calendar of University. Based on this, each Department prepares its Time Table followed by an Individual Time table of the faculty. Then considering syllabus of the Course and individual's timetable, each faculty prepares his / her Course File as per the format provided. Course File is checked periodically by HOD. Feedback based on checking is given to the faculty. Also, the Academic Monitoring and Academic Audit are done.

Following are the two examples of review of teaching learning processes

1. Academic Monitoring:

The institute has a well established mechanism to monitor the

academic activities. The planning of academics begins with preparation of Academic Calendar which is in line with the Academic Calendar of the University. Before faculty members proceeds for vacation each HOD collects subject choice from each faculty and after discussion with faculty member's subjects are allocated to faculty members. Accordingly based on Academic Calendar and subject teacher prepares lesson plan and list of laboratory experiments.

On the basis of academic calendar each department review following periodically

1. Syllabus status of theory/practical.

1. Daily attendance monitoring.

1. Monthly defaulter list.

1. Regular Project Review.

1. Regular monitoring of practical evaluation sheet.

1. Make up turn for missed practical's.

1. Feedback from students.

1. Results of mid semester/ Class test

1. Performance in Continuous Assessment

2. Academic Audit:

In order to comply with the set procedures recommended by IQAC

each department conducts internal Academic Audit. The audit is carried out so as to ensure the quality of teaching learning is maintained and also to address deficiencies if any. The audit is conducted by departmental IQAC coordinator along with faculties deputed by concerned HOD.

Along with internal Academic Audit, institute also conducts external Academic Audit through industry persons and senior academicians. The external auditors review all the documents maintained by the department. The suggestions and observations given by external audit team are noted carefully and are taken care of in the next academic year.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1lGVOkcNduxLP9BGIlGSZxc0W9gvYnbLa/view?usp=sharing
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://docs.google.com/document/d/1MmRq_P28NOM0Oo14uEDaIytVDNUKd0TV/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institute shows gender sensitivity in providing facilities such as

1. **Safety and Security:** Institute takes at most care in providing safety and security to all students. Since the institute is located centrally, transportation is not an issue to students. The girl's hostel is located in the campus only and boy's hostel is just 500 meters from the institute. Institute has taken the following measures to cater for the safety and security of the students.

1. Sufficient number of security guards is available in the campus.

2. Campus is under 24 by 7 surveillance with the help of 118 CCTV Cameras installed at various locations.

3. I card and uniform is compulsory in institute campus for students as well as faculties.

4. Bus facility for Industrial Visit, Study Tour etc.

5. First aid box in every department, Workshop, Library etc.

6. Sufficient fire extinguishers are placed at appropriate locations.

7. Fire fighting system is also installed in the institute campus.

2. Counseling: Institute runs a unique mentor mentee scheme wherein each faculty member is assigned a group of students as a mentor. Faculty member counsel the students on their academic as well as personal problems. Institute has formed student counseling committee which addresses the issues of the students from time to time. Also Director, HOD and senior faculty members resolve student issues from time to time. Institute has constituted committees such as Internal Complaints Committee, Anti Ragging Committee, Anti Ragging Squad and Hostel committee which look after student grievances as and when needed. From current academic year institute has appointed Ms. Mona Shah as student counsellor.

Common Room: Institute has separate girls and boys common rooms with adequate facilities. Separate washrooms are also available for Men and Women.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/document/d/1TlvpKW NXc_4uB7cJS71kp3zJWtTBZ7U4/edit?usp=sharing&ouid=110149840996302763609&rtpof=true&sd=true
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1SjOFCahP2 MOXARHupqW4_Fyd-ZMYtdFF/view?usp=sharing

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment **A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste

management Biomedical waste management E-waste management Waste recycling system
Hazardous chemicals and radioactive waste management

Institute practices waste management including solid waste management, liquid waste management and ewaste management.

A. Solid Waste Management: Institute practice solid waste management through following initiatives

- 1.Appropriate numbers of dust bins are placed at various places in institute for collection of solid waste.
2. The food waste from boys hostel mess is used for generation of biogas.
- 3.The food waste from the canteen is used to generate compost with the help of vermin culture
- 4.Old newspapers, used papers and journal files, workshop scrap etc. are given for recycling to external agencies.
- 5.From current academic year the use of single use plastic is banned in the institute campus

B. Liquid Waste Management: Institute practice liquid waste management through following initiatives

- 1.Waste water outlets of washrooms are connected to municipal corporation drainage line.
- 2.Waste water from girls hostel is recycled using recycling plant and the same is used for gardening purpose.
- 3.No hazardous liquid waste is generated from the laboratories of the institute.
- 4.Rain water harvesting is available in the institute in order to recollect the rain water and the same is used to recharge the bore wells.

C. E- Waste Management: Institute practice E- waste management through following initiatives

- 1.E- Waste management is done by collecting all e-waste at a central place in the institute and the same is sent to E- waste recycler for recycling purpose.

2. Periodically institute write off old computers, printers, keyboards, mouse etc. and are disposed with the help of vendors.

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

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

A. Any 4 or All of the above

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

Institute plays a crucial role in overall and holistic development of students. Various Efforts are taken by Institute to provide an inclusive environment. It helps to promote the Experiential Learning, Teamwork and Coordination among the students. Inclusive environment is provided through various activities.

Annual social Gathering and participation of students in various cultural activities at Institute and University Level helps to have better understanding. Students are distributed in Batches and groups for Experiments and competitions which help to overcome the regional barrier. Institute has Mentor-Mentee as the Best Practice which helps the students to overcome the Linguistic Barrier if any through activities conducted under this scheme. Student representation is promoted in various committees which help to overcome the discrimination amongst the students if any. Day celebration activity provides an inclusive environment. Students from all regions Classes participate in this activity creating a environment of Harmony towards Cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	View File

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

Institute is Sensitive to the constitutional obligations. Day in an Institute starts with a National Anthem. Every Department organize the Expert Talk which include the Talk addressing the issues such as Values, Rights, Duties, and responsibilities of Citizens. Day Celebration is one of the activities conducted in the Institute which helps the students and employees to remember and follow the path showed by great personalities in History including Freedom Fighters social reformers.

Institute has a Code of Conduct and rule Book which helps to

maintain the discipline within Institute. Curriculum is having Courses such as Basic Human Rights and Constitution of India which help the student to become a responsible Citizens.

Apart from these activities such as Blood Donation, Grain Collection, visit and donation to Orphanage Homes, helps in sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties, and responsibilities of citizens

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1yWrILlR966WnYC9C2JF9zhO_-6zE7O5B/view?usp=sharing
Any other relevant information	https://drive.google.com/file/d/1yWrILlR966WnYC9C2JF9zhO_-6zE7O5B/view?usp=sharing

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

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	View File

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

and festivals

The institute organizes various National Festivals and birth / death anniversaries of the great Indian personalities every year as mentioned below:

1. Republic Day and Independence Day - Every year the institute celebrates Independence Day and Republic Day with great enthusiasm and all teaching as well as non-teaching staff members and students are invited for the function. Flag hoisting is done at the hands of freedom fighter or office bearers of parent trust followed by patriotic songs, speeches by Chief Guest and voluntary student members.

2. Marathwada Mukti Sangram Din -Institute celebrates Marathwada Mukti Sangram Din every year on 17 September as liberation day from the state of Nizam of Hyderabad

. 3. Maharashtra Din 1 May is celebrated by institute as Maharashtra Din, for commemorating the formation of the state of Maharashtra from the division of the Bombay State on 1 May 1960.

4. Teachers Day: Teachers day is celebrated on 5th September every year in the memory of birth anniversary of Dr Sarvepalli Radhakrishnan, a great teacher and a strong believer of education. Students organize this event and interact with their faculty members (Gurus) in an informal way by conducting a few games/competitions, singing songs with teachers and giving small gifts as a token of appreciation to the teachers

.5. Engineers Day - Engineers Day is celebrated on 15th September every year in honour of Bharat Ratna Sir M. Visvesvaraya, an eminent Engineer.

For inspiration to our students, birth and death anniversaries of following national legends are celebrated in the institute.

1. Shivaji Maharaj Jayanti

2. Mahatma Gandhi Jayanti

3. Mahatma Jyotirao Phule Jayanti

4. Savitribai Phule Jayanti

5. Dr. Babasaheb Ambedkar Jayanti

6.Netaji Subhash Chandra Bose Jayanti

7.Rashtramata Jijabai Jayani

8.Swami Vivekanand Jayanti

9.Sant Sevalal Maharaj Jayanti

10.Lal Bahadur Shastri Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice I

Title of the Practice: Mentor Mentee Scheme

Objective of the Practice

- 1.One to one counseling of students through faculty-student interaction at individual level.
- 2.To motivate the students for participation in various curricular, co curricular and extracurricular activities.
- 3.To identify the talent of the students in various areas such as sports, cultural, technical, etc.
- 4.To counsel students regarding their academic as well as personal problems.
- 5.To enable the students to identify their strengths and weaknesses.

6.To inculcate the values of good citizenship among students.

The Context:

The mission of the institute is to provide educational platform for students of rural and urban background. Naturally there exist a diversity among admitted students in terms of academic, financial and cultural background. To prepare these bunch of diverse students it is important to bring them on a common platform, wherein they can share their views and ideas and problems if any. In order to achieve excellence, it is important to groom the students for curricular, co-curricular and extracurricular activities. In this context, mentor mentee mechanism is a platform where each faculty member is assigned a group of students as mentor and it is the responsibility of the mentor to provide all support to the students satisfying his academic and other needs. This mentoring program would add the quality of self-reliant and judicious use of leisure time apart from daily academic routine. Students are enabled to learn the real practical facts of industrial life under the roof of educational institute.

The Practice In this mechanism

1. Every faculty member is assigned a group of 15 to 20 students.
2. Mentors conduct regular meetings with the respective mentees to understand their academic and personal problems and guide them accordingly.
3. The mentor motivates the mentees for participation in various co-curricular and extra-curricular activities.
4. In annual social gathering mentor has freedom to nominate a student or group of students for different events depending upon the skills of the mentees.
5. Many of the messages / notices are conveyed to the students through this mechanism.
6. Mentor motivate students to give presentation on at least one technical and one non technical topic.

Evidence of Success

The evidence of the success of this mechanism can be evaluated

from the points mentioned below.

1. Increase in the results of the students.
2. Increase in the overall participation of students in different activities and events
3. Improvement in the presentation skills and critical thinking ability of the students.
4. Increase in participation of the students in various Technical competitions like Avishkar, Hackthon, SAE-BAJA, Go Kart, Mitsubishi, GIZ MASSIA etc.

Problems Encountered During the implementation of this mechanism institute encountered following problems

1. Non participation of some of the students.
2. Because of different socio economic background of students mentor face challenge to motivate and counsel them using the same methodology. Resources Required 1. No additional resources are required to carry out this activity other than institute infrastructure.

Best Practice II

Title of the Practice: Inspire Series

Objective of the Practice

1. To inspire the students through real life experiences of eminent personalities.
2. To make aware the students about real life challenges and ways to overcome the same.

The Context

In today's competitive world it is required to build confidence and attitude among students. These things can be inculcated among students through face to face interaction with real life heroes in different walks of life. The success stories are helpful for motivation and inspiration of the students. By interacting with great personalities students get answer to many questions directly

and indirectly. By keeping this ideology in mind institute has started unique lecture series named "Inspire" The Practice In this practice every department is suppose to conduct at least 3 talks per semester under "Inspire" series. The names of the persons to call for this series are finalized in consultation with the Director, HOD, faculty and students. The institute tries to invite speakers such as social entrepreneurs, academicians and entrepreneurs for this series who have built their career in adverse situations and the experiences shared by these speakers highly inspire the students. Once the speaker is identified due follow up is taken by department coordinator for finalizing the date and time of talk, an official invitation letter is sent to the speaker, students are made aware about the talk by concerned coordinator so that students can ask questions to the speaker if any. It is the tradition of the institute to present a hand drawn portrait of the speaker as a token of love from institute side.

Evidence of Success

The evidence of the success of this talk series can be evaluated from the points mentioned below.

1. Good connect with society and industry.
2. Improvement in the attitude and approach of the students.
3. Development of problem solving capability of students.

Problems Encountered During the implementation of this mechanism
institute encountered following problems

1. Because of the busy schedule of the speakers some talks are postponed or cancelled.

Resources Required 1. No additional resources are required to carry out this activity other than institute infrastructure.

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1KDP5X3_Z6OjKJpGbo01qtxPN5YYC1Ohq/view?usp=sharing
Any other relevant information	https://docs.google.com/spreadsheets/d/1x0tpPHtZMHGbJm7zkr-IUgRGG0-15_CL/edit?usp=sharing&ouid=110149840996302763609&rtpof=true&sd=true

7.3 - Institutional Distinctiveness

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

Deogiri Institute of Engineering and Management Studies' Vision clearly state about Nation building by creating opportunities for rural and urban students through excellence in education and research in the field of Engineering and Management and hence is committed for developing the students for best academic and industrial practices by implementing teaching learning methodology, promoting all round development by series of activities which also prepares the students to face the global challenges. In a very short span of time DIEMS developed a distinctive position in the crowded scenario of Engineering and Management education in the region. This resulted the performance of the institute in various area Viz. academics, sports, culture and discipline etc.

We strongly believe that following are the skill set required in this competitive world for a student

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with others
6. Emotional Intelligence
7. Decision Making

8. Service Orientation

9. Negotiation

10. Cognitive flexibility

To inculcate this we have introduced an additional subject "Engineering Exploration" which is a team taught course that focuses on problem solving, engineering design, multidisciplinary skill etc. by forming interdisciplinary groups with 72 hours training and then identifying the need statement which is followed by a survey. The need statement is then converted into problem statement which is resulted into a product. This process resulted in development of above mentioned skills. The students start thinking little bit off bit or out of box. They understand the concept of Engineering, trying for solving the problems and we are sure that as the students will be participating in "Engineering Explorations" throughout their academic career they will be passing out with an experience of working on live projects and in the final year they will have marketable product or service as their final year project. They may become Entrepreneur. We are providing them mentors and may be the need statement up to second year and from third year onwards they have to find out the need statement and mentor also. Hence we feel very proud of running such activity which makes DIEMS distinctive.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Institution has well-structured Mechanism for planned curriculum delivery and documentation. Academic Calendar: Institute prepares institute and departmental academic calendar in line with University calendar. Academic calendar is displayed on notice board and website. Load distribution: Every department before the commencement of semester conducts a meeting for distribution of subject load as per curriculum and subjects are allocated as per the specialization and interest of the teaching faculty. Time Table: In line with load distribution, department prepares class/laboratory/individual time table. Time table are displayed on the notice board and documented in the department. Course and Teaching Plan: Faculty prepares course plan, teaching plan before the start of semester. Well-designed staff dairy and course file is available with faculty. Continuous assessment: Continuous assessment-I & II are well planned by the faculties. Notice is circulated for the compliance of CA-I & CA-II. Notice, attendance sheet and mark sheet are documented. Data of practical evaluation 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. Attendance sheet, Permission letter, Thanks Letter & Photographs are documented. Syllabus Status: Head of Department takes periodic review of syllabus status 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 classrooms with LCD Projector, Internet facilities .Faculty member's uses various advanced tools in teaching-learning process such as Power point, Videos, Google Classroom, Various MOODLE courses. From the semester II of 2019-20, CSE department has started an initiative in which after the delivery of lecture faculty collects online feedback from students on the topic taught to understand the learning level of students. Internships & Projects: Students are exposed to Industrial world through Internship & Industry Projects. Internship Diaries are maintained. The Marathwada Association of Small Scale Industries and Agriculture (Massia) has joined

hands with Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ) under its project: Innovation Promotion. The aim of the project is to provide opportunities for skill development and to inculcate a researcher's attitude among engineering students of the region. Project review sheets and Industry letters are documented. Attendance Record: Attendance is monitored on a regular basis and maintained. The students who are having less attendance their parents are informed on phone call. Attendance record is maintained in the department. Value added & Enrichment Courses: Institute promotes students 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. Result Analysis: After Mid semester & End semester result analysis is done and maintained in Concerned Department. The results are discussed and actions for improvement are taken. Institute has a Remote center of IIT Bombay, through which various courses are conducted for faculty enrichment.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://drive.google.com/drive/u/1/folders/1Y7LOEwHp7lEFvgpszCXcvYk5UXOCviOW

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

As per affiliating University guidelines, the Institute prepares academic calendar which includes general features like commencement of semester, theory exam dates, practical exam dates, internal exam dates and end of the semester. Considering this, the Institute prepares detailed academic calendar.

The meeting of the heads of the departments along with IQAC coordinator and Vice Principal academic is conducted to decide the academic planning of the year. Before commencement of the semester, the Institute prepares its own academic calendar in line with the university academic calendar.

Based on the Institute academic calendar every department prepares the departmental academic calendar, which includes departmental curricular, co-curricular and extracurricular

activities. The academic calendar is displayed on the notice board and published on the college website to communicate it to the students, teachers, staff, and parents well in advance.

The institute academic calendar consists of the following information related to CIE:

Commencement of Semester Class tests / Mid Semester Exam Dates for Continuous

Assessment

Project related seminar

Project Review

Display of List of

Defaulter students

Dates of Practical Examination Dates of Theory Examination

End of the Semester

Based on the academic calendar, Test coordinator prepares the detailed schedule of Class Test which includes the Question paper submission, Answer paper assessment for every unit test. Thus, Unit Tests are implemented effectively, and results are declared as per the schedule.

The project coordinator is appointed by the department to look after all the project related activities.

Every department conducts project progress review and seminar presentations as per standard procedure set by each department. This is part of the internal evaluation.

The teaching plan is prepared by each teacher which adheres to the academic calendar of Institute.

Attendance of the students is observed daily. Cumulative attendance and defaulter students' lists are displayed every month.

The policies are revised in meeting & flexibility is given to higher authority to make run time changes for the conduction of

internal assessment.

The Director and HOD look after the following activities related to Internal Evaluation: Completion of Term work

Conduction of Theory Examination

Evaluation of Term work based on continuous evaluation

Conduction of final Internal Examination.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

A. All of the above

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

1.2 - Academic Flexibility

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

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

10

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

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

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

05

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

3346

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

1.3 - Curriculum Enrichment

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

Response :

The institute follows the curriculum of the affiliating University. Although cross cutting issues like Gender, Environmental Sustainability, Human Values and Professional Ethics are covered in the curriculum, the Institute also has

provision of various activities which contribute to sensitizing students towards cross cutting issues.

The current curriculum has various courses which address Gender, Environment and Sustainability, Human Values and Professional Ethics related issues. These courses are offered across the various programs are Community services, Soft skills, Professional Ethics, Environmental Engineering, Planning for sustainable development, Human Values and Professional Ethics, Industrial Management, Business English, Basic Human Rights, Entrepreneurship Development, Renewable Energy.

Gender:

DIEMS is a co-educational institute that takes utmost care in motivating and encouraging both boys and girls to participate in various curricular/extracurricular activities.

The institute has an Internal Complaints Committee (ICC) to implement the directives in general and to deal with complaints/cases of sexual harassment. Institute also have Online Grievance Redressal portal where students can launch their complaints. This Cell also organizes the following programs regularly:

- International Women's Day
- Workshops on Self defense
- Seminars on Safety and Security
- Seminars on Health/Nutrition

Environment and Sustainability:

In order to make students aware about the environment and sustainability, the affiliating university curriculum contains courses through which students are made aware. Awareness about environmental issues, urge for conservation of natural resources and sustainable lifestyle/development are inculcated in all our students through the course of environmental studies in their first year. Apart from this the institute try to educate the students to address environment and sustainability through

- Inaugurating every programme in the institute by watering the plant instead of lamp lightning .
- Arranging industrial visits to water treatment plants and places that educate them on environmental issues.
- Nature Club which arranges various activities such as Visit to Bird Sanctuary, Participation in Satyamev Jayate Water Cup, Tree plantation at Water and Land Management Institute (WALMI), institute premises etc.
- Awareness programmes by NSS wing which extensively carry out activities for environmental protection and ecological preservation.
- Vehicle pooling day.
- Prohibition of single use plastic items in the institute premises from current academic year.
- Cycling expedition from Aurangabad to Bhutan to spread the message " Cycling for Health and Pollution Free Asia".
- Use of papers on both sides. The journal pages are used by students for writing on both sides.

Human Values and Professional Ethics:

In order to inculcate human values, a course on Basic Human Rights is delivered to students of all branches. The courses like Environmental Engineering, Communication Skills, Business Communication and Ethics, Business Ethics, Organizational Behavior, are in the curriculum. The learnings are enhanced through case studies, projects and activities.

In addition to the curriculum, NSS and activities of various clubs add value to the holistic development of students. The Institute also organizes Pre-Placement training activities and mock HR sessions so that students are well-groomed and professional ethics are inculcated. PG Engineering students a course on Intellectual Property Right is part of the curriculum. Seminars and workshops on Ethical Hacking are conducted.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

22

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	View File

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

1065

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the **A. All of the above**

syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	
File Description	Documents
URL for stakeholder feedback report	https://www.dietms.org/wp-content/uploads/2022/03/Students-Feedback-Form-ETC-Third-2020-21.pdf
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	No File Uploaded
1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	https://www.dietms.org/wp-content/uploads/2022/03/Students-Feedback-Form-ETC-Third-2020-21.pdf
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
707	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC,	

Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

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

382

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

2.2 - Catering to Student Diversity

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

The institution assesses the learning levels of the students which helps the students to improve their performance. After the assessment of the students' learning ability the slow learner is motivated to do better and advanced learners are promoted to excel in the particular course.

After admission, the induction program is conducted for first-year students, and their learning ability is evaluated on the basis of their percentage of Higher Secondary Certificate Examination. The induction program educates the students on importance of communication skill, historical aspects, learning with fun, club culture etc. The learning abilities are also assessed by the course coordinator per semester. The performance of the student may vary for different courses based on student's interest and pace. Method of identification and activities for slow & fast learners for courses are decided by the course coordinator on the basis of need of the respective course.

From past two years the institute has started an initiative "Engineering Exploration", a project based learning approach. After the admission to first year institute conducts a test and on the basis of the results of the same fast learners are identified. These students get an opportunity to work on project based learning approach to design and develop small products.

Following methods are used by the institute for the identification of fast and slow learners: Previous University

Examination Results

Unit Test Result Technical Test

Teachers own assessment

The Institute has a provision for mentors for group of students for academic and personal guidance. Faculty mentors review academic progress periodically and counsel students to improve performance and ensure academic growth.

Activities Conducted For slow Learners:

Based on the performance in internal tests, assignments remedial lectures/ Extra lectures are conducted

Personal Attention in teaching Re-test for improvement Question bank

Guidance for Seminar/Project presentation

Personal discussions on academics by the Course coordinator
Discussion with parents about academic progress

Solving University question papers Tutorials

Activities conducted for Advanced Learners:

Application-oriented assignments & Laboratory tasks are given
Students are involved in Project based learning activity.

Institute promotes advanced learners to participate in paper presentation, project competition, Surveys etc.

Workshop/Seminar on current trends

Industrial visits and Industry sponsored research projects (GIZ)

State Government sponsored Inter-University Research Project Competition-Avishkar

Industrial training

Promoting the students for various scholarships / internships offered by Industries. Books of all subjects are provided to

identified advanced learners from the library.

Along with this Both slow and advanced learners are encouraged to use MOOCS platforms like NPTEL, SWAYAM, Coursera, etc. for learning the basic as well as advanced courses.

For first year and second year students tutorial sessions are arranged for difficult subjects. Additionally some of the faculty members conducts extra sessions after or before institute timing.

A group of senior students (Advanced Learners) of Computer Science and Engineering department conducts technical sessions of junior students as per their needs and requirements.

Institute has made special provision of exhaustive soft skills training and exclusive counseling to mould the slow and advanced learners to plan their career and placements.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/18r-im2KF8Mio3GVXBj0yFlAPO-NXKu2J/view?usp=sharing
Upload any additional information	View File

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

Number of Students	Number of Teachers
2771	140

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The teaching-learning process of the institute is student-centric and academic planning is done accordingly. The institutes emphasis is on enhancing critical thinking and creativity among students by incorporating student-centric methods such as experiential learning, participative learning

and problem solving methodologies. The institute provides state of the art seminar halls and class rooms with infrastructure for ICT enabled teaching and learning.

1. Participative learning through regular classes supported with seminars, quiz, debates, brainstorming sessions etc
2. Separate lectures / sessions are arranged for soft skills and technical skill development.
3. Videos and animations for different technical concepts are made available to make lectures more interactive.
4. Assignments on advanced topics in every course are given which make the students to acquire the self-learning capability.
5. Online quiz, group discussions and seminars are conducted for advanced topics in various courses.
6. Institute motivates students to participate in various technical events like BAJA, Hackthons, Smart India Hackathon, Avishkar and DIPEX.
7. In addition for overall development of students, the Institute also conducts cultural and technical activities.
8. Experiential learning is supported by industrial and in-house projects.
9. Problem solving learning is encouraged through assignments and seminars.
10. A separate course is available in the university curriculum for seminar and mini project.
11. Along with conventional teaching-learning process of transferring the knowledge to students, through classroom lectures to provide a platform to students to look at independently, learn through self study and from their peers, guides them to develop effective and lifelong skills following student centric teaching-learning methodologies are used to enhance the learning experience of Student.

Presentations given by students under Mentor Mentee Mechanism.

Experiential Learning:

Institute promotes experiential learning among students through following Industrial and field visits

Internships

Project based learning

Participative Learning:

Regular Classes

Workshops/Seminar/Augmentation Courses Conducted at Institute
Different Technical Events Organized at Institute

Participation of Students in Different Technical Events

Problem Solving Approach:

The Problem solving methodology helps the student to understand the situation and come out with alternatives. It also helps to develop students' critical thinking. Some of the tools/ methodologies used by the Institute are:

Assignments Tutorial Sessions Student Seminars

Final Year Projects / Industry Sponsored Projects Project based learning (Engineering Exploration) Continuous assessment tasks

File Description	Documents
Upload any additional information	View File
Link for additional information	https://drive.google.com/file/d/1teZ9nTaQUZKPcyTR5ETOUbb3UW-ekJUZ/view?usp=sharing

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

For effective teaching learning Process Teachers use ICT enabled Tools. Effective use of Power Point Presentations, Videos, Animations are done by Teachers to develop Interest of students in Teaching Learning Process. Virtual Lab is one of

the effective tools used by teachers in Institute for conduction of Experiments. Use of Quiz, Microsoft Forms are done in teaching Learning Processes. e-content are developed by teachers and provided to students for better understanding.

All of the above innovations and creativity in teaching learning process lead to improve not only the academic performance of the students but also their communication, human relations, technical and management skills which makes them industry ready. This is endorsed by acquiring ranking in the University merit list, winning medals, enrolling for higher education, final placements after internship and on/off campus placement.

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

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

2.3.3.1 - Number of mentors

140

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

2.4 - Teacher Profile and Quality

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

140

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

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

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

26

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

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

2.4.3.1 - Total experience of full-time teachers

1047

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

2.5 - Evaluation Process and Reforms

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

Institute follows affiliating university guidelines for the internal assessment. Complete transparency is maintained in all forms of internal evaluations. Two internal examinations, namely Class Test I and Class Test II (For Dr. B.A.M. University, Aurangabad) and Mid Semester Examination (For Dr. B.A.T. University, Lonere) in each semester are planned in academic calendar and executed. After assessment, answer sheets are distributed and discussed with students to maintain transparency. Examination results are displayed on notice boards and on college website. Overall performance, attendance, feedback about the student is communicated to parents during parents meet.

Term work (TW) assessment

Various assessment parameters, their evaluation process and criteria are discussed by each course teacher with students on day one of academics. The same are displayed on the notice board of the department.

1. Dr. Babasaheb Ambedkar Technological University

Continuous assessment I and II are conducted as per the guidelines of Dr. B.A.T. University, Lonere. Following methodologies are used for evaluating the performance of the students

Online Test Surprise Test Presentations Survey/Case Studies

Mini Projects / Mini Applications

The CA I and CA II are conducted by every course teacher twice in a semester. The performance is communicated to the students and signatures are also taken.

For practical subjects, a separate practical evaluation sheet is maintained by each course teacher which is used to record performance of the students for each practical. After the completion of each practical faculty assesses the performance of the students using pre defined parameters and student signature is taken on evaluation marks.

2. Dr. Babasaheb Ambedkar Marathwada University

For Dr. B.A.M. University there is only head for term work

assessment. This term work assessment is carried out using a separate practical evaluation sheet which is used to record performance of the students for each practical. After the completion of each practical faculty assesses the performance of the students using pre defined parameters and student signature is taken on evaluation marks.

Performance of each student for practical sessions is recorded daily in practical evaluation sheet and termwork of a student, which carries weightage in final university result, is evaluated based on performance in practical evaluation sheet.

Project and Seminar

As part of the internal assessment of projects and seminar, a review committee is formed which comprises of all the project guides and Head of the department. The project coordinator is appointed to look after the smooth conduction of project related activities. Students are allotted projects into groups. The project guide monitors the performance of the students regularly. The review committee of the department takes the review seminars/presentation and the suggestion/ correction/ modification, are given to the students. Two/three reviews are taken on project by a committee constituted in the department. The performance of the students in review are recorded against pre defined parameters and the same are used to calculate the marks of the students in termwork.

MOODLE LMS and Google Form is used for internal assessment like quizzes and assignments

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/18DsHu_xvGF-rOW1W-z_znbsykjxxbgOq/view?usp=sharing

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

The Institute has adopted a transparent process for the evaluation of students as prescribed by the affiliating University.

All examination and evaluation related grievances, are routed

through Office Superintendent of the institute with consent of the Director.

If the students have minor doubts/queries about examination, Office Superintendent resolves all queries at the college level itself.

Redressal of Grievance for Internal assessment:

Class Test / Mid Semester Test is conducted for the internal assessment. After assessment, answer books are shown to the students. Marks of the students are displayed on the notice board to ensure transparency in the evaluation. Student signature is taken on the marks obtained sheet in test.

Continuous evaluation of Laboratory work is assessed daily. Marks given after evaluation are signed by the students.

The student can raise the grievances related to internal examination and internal evaluation to the course coordinator, the concerned course coordinator looks into the matter in order to resolve the grievance.

In the case the grievance redressed by the course coordinator is not accepted by the student, the student may contact the Head of the department and the head of the department redresses the grievance.

Redressal of Grievance for University level assessment:

There is a provision for revaluation of answer sheets. The students who are not satisfied with the marks obtained in university examination can apply for revaluation and verification of marks obtained.

The University provides the photocopy of answer books to students on demand after paying requisite fee.

After receiving the answer book student can apply for revaluation of the answer book if the student feels the need. Xerox copy of answer book is evaluated by concerned course teacher and required guidance is given.

The application is forwarded to the University.

Grievance(s) related with mark sheet:

An aggrieved student who has the grievance(s) related with mark sheet shall make an application to the university through the Director of the college. The university redresses all such grievances within a reasonable time.

The application submitted by the student shall be forwarded to the concerned section (Dy Registrar

viz. Academic grievance, administrative grievance etc. The university-level committee is responsible to redress the matter.

If the student is not satisfied with this decision, he/she can submit appeals to the higher authorities (COE) within a stipulated time. University level committee process grievance(s) submitted by the students.

Redressal of Grievance during Examination:

During the examination, if any student finds uncertainty in question seniors supervisor take the cognizance and convey the same to the Director.

These grievances are conveyed to the University through Director, which in turn are redressed by them.

Any other discrepancies in the exam procedure:

If any student has any grievance like a change in name in mark sheet; College sends the letter to the university through Director to resolve the issue. The university looks into the matter and appropriate measures are taken.

File Description	Documents
Any additional information	View File
Link for additional information	https://drive.google.com/file/d/1qjCgGKWvZPRnFYLI6V4_dujI22bGkR7r/view?usp=sharing

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are

stated and displayed on website and communicated to teachers and students.

The Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) are drafted in-line with the vision and mission of the Institute. Workshops and Seminars were arranged by IQAC of the Institute to orient the faculty members on Outcome Based Education, Bloom's Taxonomy, Graduate Attributes and formation of POs, PSOs and COs.

Each program has clearly stated Program Outcomes (POs), Program Specific Outcomes (PSOs) for the program which are achieved through Course Outcomes (COs) and Co-Curricular Activity. Faculty and staff are aware with Vision and Mission of the Institute, POs and PSOs of the program as they are involved in the formation process. POs of the program are in line with Graduate Attributes and the vision and mission of the Institute. COs for each course are finalized by individual Course Coordinator.

The resources (faculty, library, laboratory, etc.) and pedagogy to be adopted for effective course delivery and student learning are determined in consonance with the Course Outcomes to be attained.

The assessment of course outcomes is done by using direct and indirect measurement tools. POs and PSOs are displayed/conveyed through:

Institute website.

Display Boards at Department and other common places.

The Course outcomes for the specific course are communicated and explained by faculty to students at the commencement of the course. It is also uploaded on the College website for information to the viewer.

POs and PSOs and COs are a mandatory part of the course file prepared by the course coordinator

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://docs.google.com/document/d/1YXEdoPO_rZ9gMcD15u4FvV-e79eMa6ed/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true
Upload COs for all Programmes (exemplars from Glossary)	View File

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

Institute has developed a mechanism for evaluation of outcomes. Each Program formulates its Program Outcomes and Program Specific Outcomes. The Program Outcomes are finalized considering the Graduate Attributes and blending those appropriately to suit the program. The PSOs are defined in line with the expectations of professional bodies, industry and society. Course Outcomes for each course are defined by individual Course Coordinator. Each course outcome is mapped with the Program outcomes, and program specific outcomes to assess the students' progress continuously. Following the teaching activity; assessment and evaluation for each course are carried out through various means such as Assignments, Tutorials, Unit Tests, University Examination, Extra-curricular activities, etc. Then attainment level for POs and PSOs is calculated.

Attainment of Course Outcome:

Every teacher prepares teaching plan for theory subject and lab plan for practical subject by adding content in line with course objectives.

Every teacher does the mapping of COs with units in syllabus in such a way that one course outcome corresponds with one unit for theory subjects and one course outcome corresponds with two or three experiments for practical subjects. In this process if university syllabus does not have sufficient number of outcomes then the teacher has to design the additional outcomes.

Correlation of COs with PSOs and POs in terms of High, Medium

and Low is represented with the help of correlation matrices.

Every teacher judiciously decides the target of attainment.

Individual teacher uses assessment/evaluation as an indicator for attainment of COs. The different evaluation measuring tools/methods such as class test, continuous assessment, practical evaluation sheet are used as per the need of the course.

Attainment of Program Outcome and Program Specific Outcome:

Knowledge related POs are attained by the students through the teaching learning process. They are assessed through direct assessment tools viz., internally developed class test, online exam, continuous evaluation during practical sessions

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://drive.google.com/file/d/1wEh0P_8_vJt_OupsvzZ0d7EsW_Kl_owS/view?usp=sharing

2.6.3 - Pass percentage of Students during the year

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

705

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://docs.google.com/document/d/1MmRg_P28NOM0Oo14uEDaIytVDNUKd0TV/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true

2.7 - Student Satisfaction Survey	
2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)	
https://www.dietms.org/wp-content/uploads/2022/03/Students-Feedback-Form-ETC-Third-2020-21.pdf	
RESEARCH, INNOVATIONS AND EXTENSION	
3.1 - Resource Mobilization for Research	
3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
0	
File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	No File Uploaded
3.1.2 - Number of teachers recognized as research guides (latest completed academic year)	
3.1.2.1 - Number of teachers recognized as research guides	
7	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year	
3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year	

0

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

Response :

To create and transfer of knowledge and impart necessary practical skills, and to facilitate improvisation, innovation, and invention the Institution has created an ecosystem. The objective is to provide a conducive atmosphere to develop technological ideas into the product(s). As a part of this initiative, Institution has built a partnership with ecosystem players by having a close association with industries and entrepreneurs. To achieve objectives following activities are being carried out in the Institute. Lectures/workshops on IPR and patent laws Entrepreneurship Awareness Camp Project-based activities are promoted in the campus Students are encouraged to work on live projects offered by nearby industries Internship opportunities Participation of students in various events organized by GIZ-MASSIA, CII etc. Institute has received a status of business incubator by ministry of MSME, Government of India from academic year 2019-20. From academic year 2018-19 institute has started two initiatives namely "Engineering Exploration" and "Partnership with GIZ- MASSIA". Engineering Exploration "Engineering Exploration" is one of the unique outcomes of innovative education ecosystem of DIEMS. This is a team-taught course that focuses on problem solving, Engineering Design, Multi-disciplinary skills, Ethics and Data Acquisition & Analysis. This course is co-designed and co-taught by faculty members drawn from multiple engineering disciplines & it follows PBL pedagogy. This course serves as a platform for peer

learning and push students in Multi-disciplinary design thinking in first year itself. Under this course, in academic year 2018-19 total 40 Products/Prototypes are done by 160 students which are displayed in the form of project exhibition "Shodh- 2019" . Twelve need statements covering broad themes of utility saving, smart appliances, smart agriculture, industrial needs etc. are used by students to carve out problem definitions. Project implementation is done by students using Arduino, NodeMCU, Raspberry-Pi, GSM Module, GPS Module, Bluetooth, Wi-Fi platform. In current academic year 200 students are working 34 ideas and 40 products, covering 34 need statements will be exhibited. GIZ- MASSIA Industry Academia Projects Under this initiative industry problems are given to a group of students and they are expected to come out with a solution for the same. Each group of students are allocated a guide from institute and a mentor from industry. The group of students along with guide stay in touch with industry mentor through personal meetings, telephone and email to discuss about the problem. Under this initiative in 2018-19 students have worked on 34 projects and in academic year 2019-20 students are working on 44 projects. Other Initiatives : The institute consistently provides motivation, support and platform for students to showcase their skills and knowledge in various competitive technical events through Participation in SHODH, SUPRA, BAJA, GoKart, Hackathon, Avishkar, etc. Financial, Academic, Infrastructural support Availability of resources like library, internet, laboratory, workshop etc. Professional counselling Equally, institute encourage faculty members to participate in FDP/STTP organized in-house as well as in other organizations. Faculty members are also encouraged to work on funded research projects and apply for patents. Currently faculties are working on 3 funded research projects and have filed 3 patents.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1g6jp8cwc-UAR5A4NTLOXggplsiO5wpq9/view?usp=sharing

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

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology,

Intellectual Property Rights (IPR) and entrepreneurship year wise during the year	
12	
File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File
3.3 - Research Publications and Awards	
3.3.1 - Number of Ph.Ds registered per eligible teacher during the year	
3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year	
2	
File Description	Documents
URL to the research page on HEI website	https://www.dietms.org/naac-2/
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File
3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year	
3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year	
9	
File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File
3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year	

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

23

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

3.4 - Extension Activities

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

Response :

In line with institutes vision and mission, the institute is very insightful to the impact of various extension activities on its students, employees, as well as on the regional community and on the environment. The institute believes in giving back what it has gained from the communities in which we live, work and play. The institute considers the impact of all extension activities on the local community and hence the various social and technical activities, events and programmes are very much reflects our commitment to operate in a techno-social responsible manner. We aim to pursue our goals as one, keeping agreement with planet and society. The institute facilitates the student in various social and technical activities. Institute has conducted various social and technical activities for sensitising and motivating the students to social issues and their holistic development so far. National Social Service Committee play a pivotal role in sensitizing the students. The institute introduces various activities to the student's during the induction program and ensures their participation throughout the academic year. Involvement in such service-learning activities helps students to become mature and socially responsible. Institute organizes and participates in activities like:

- Tree plantation at Padegaon.
- Tree plantation at Golwadi.
- Online quiz on the Occasion of Subhashchandra Bose Jayanti
- Celebration of World water day:

- Health Checkup Camp
- Azadi ka Amrut Mahostav
- Circulation of flyers to aware about COVID 19
- Arranged Vaccination program for COVID 19 with Municipal Corporation
- Celebration of World Earth Day:
- Blood Donation Camp
- Cleanup drive of historical monuments
- Birth Anniversary Celebration Indian Legends
- Donation for Orphanages
- Cycling Expedition for Social Awareness

Students actively participate in various holistic competitions like Drawing, Elocution, Debate, Essay writing, Add-Mad Competition, Extempore, etc. These lead to emotional, intellectual, social, and interpersonal development of students. Students have the opportunity to improve their leadership quality, interpersonal skills, self-confidence by organizing Socio-Technical events, Institute motivates students to participate in the Youth Festival, Avishkar, and Young Inspiratory Network (YIN) activities. It provides a platform for networking and collaborates with youths which exposed students to stand up for their rights and seek their personal and social development.

Due to the above mentioned activities students are able to:

- Acquire Leadership qualities and develop a democratic attitude.
- Gain skills in mobilizing community participation.
- Develop competence required for group-living and sharing of responsibilities.
- Handle emergencies better and learn to think on their feet.
- Are more empathetic to their fellow humans by developing a sense of civic and social responsibility.
- Practice national integration and social harmony.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/11qmHFOifP3BoMZvRpsHdWUIsfEMt0mRJ/view?usp=sharing
Upload any additional information	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	No File Uploaded
e-copy of the award letters	No File Uploaded

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

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

9

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

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

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

541

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

3.5 - Collaboration

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

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

886

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

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

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

7

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

Provision of adequate infrastructural facilities for teaching and learning has always been a priority area for the Institute. The Institute abides by the norms provided by AICTE and affiliating university to provide and enhance the infrastructure required to facilitate effective teaching and learning. The Institute has a total land area of 8.02 Acres of land which is constructed with robust structures for various academic purposes. With a foresight of additional intake, addition of new courses and change in the syllabus, the Institute forwards the requirement like building space, laboratory equipment, books and journals for the library, IT resources, etc. to the management. The management reviews the requirements and approves if appropriate and then facilities are created/procured by the standard procedure. The Institute has planned and constructed the infrastructure which facilitates the curricular and cocurricular activities. All the departments are fully equipped with the necessary infrastructure to meet the ever increasing requirements which adequate class rooms, seminar halls, tutorial rooms, laboratories, and sufficient space for hosting all academic activities as shown below. Classrooms: Each classroom is of adequate size and has enough lighting, air ventilation and good ambience. The Institution has a sufficient number of well-furnished, well ventilated, spacious classrooms for conducting theory classes. Class rooms are equipped with overhead LCD projectors to facilitate the teachers to adopt varied teaching methods. Each department has 2 classrooms which are equipped with audio and speaker facilities. Laboratories/Workshops: Institution has well equipped laboratories, Central Computing Facility and central workshop for different departments. The Institute has Laboratories with state of the art infrastructure with required equipment and machinery for the students to carry out Practical courses, projects and research work. All laboratories are operational, and well maintained not only for carrying out curriculum oriented lab practical but also to carry out out of box experimentation and research activities. Seminar Hall: The Institute has state of the art seminar halls equipped with audio video systems and LCD projectors. Four seminar halls are developed to cater different requirements with a seating capacity of 225, 125, 100 and 80 respectively.

These halls are regularly used for conducting different curricular, co curricular and extra curricular activities. Computing Facilities: Institute has sufficient computing facilities with total 861 computers for staff and students. All computers are equipped with high speed internet of 200 Mbps speed. Cyberoam CR200iNG XP Hardware firewall, HP DL 380 Xenon octa core rack server and McAfee endpoint security antivirus software. ERP software is being utilized for efficient management of all processes at the Institution. Accounts Section, Establishment Section and Student Section and all departments utilize ERP software facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

The importance of extracurricular activities on Institute campus is well established. The Institute encourages and facilitates the students to participate in various activities to ensure the development of skills like leadership, team spirit and holistic development. A physical coordinator along with a team of faculty members looks after the extracurricular activities of the institute. The college have following Outdoor and Indoor sports and Cultural facilities. Indoor Sports: Table Tennis, Chess, Carrom Outdoor Sports: Cricket, Badminton, Volleyball, Basketball, Football, Kabaddi Cultural Activities: Each year institute conducts Annual Social Gathering named "Quasars". Various cultural events like singing, dancing, and drama etc are conducted during Annual Social Gathering. Along with this institute has functional clubs like trekking club, runner club, cycling club, music club, film club, photography club, debate club, Arts and Culture Club, rider club, nature club etc which conducts several activities round the year for students. Each year institute celebrates yoga day.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dietms.org/sports-and-games/

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

31

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

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

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

74744968

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The library is the heart of all academic activities of the Institute. Students are motivated to make the best use of

library facilities for their development. The Library is using a software developed by parent trust having version 2.5. This software is an integrated, multi-user, software which can be used to manage different functions of the library such as accessioning, cataloging of books, circulation of books, circulation of book banks. The software is used to generate various reports such as accessioning reports, members reports, and circulation reports. Accessioning reports give details of accession register, withdrawn register, date wise purchase, books not marked for circulation. The Circulation report provides details of the issue/returned book list, highest running book, highest running member, book transaction history and book bank issued list. The book circulation is done on students bar-coded identity card and barcode on books. Laser printer and laser barcode scanner devices are available to make books issue-return process easy and accurate. The software is used to generate barcodes of books, spine labels of books, and members' borrow card. Following are the facilities available in the institute library. The library contains more than 35,000 books out of which more than 2,000 reference books are available. The library has state of the art reading room with a capacity of 250 students. The institute has subscribed 102 National and International hardcopy journals. The institute has subscribed for more than 11,000 e-journals and facilities such as Science Direct, JGATE, DELNET, EBSCO and National Digital Library are available. The library also houses a separate digital library through which web resources can be accessed.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

6.92

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

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

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

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure

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

IT infrastructure is an essential pillar of the institute to support academic and administrative services. To cater to the volume and speed of services updating the IT infrastructure is unavoidable. Institute makes provision in the financial budget every year for adding recent computers and software to support

updating of IT infrastructure. Currently, the institute is having 871 computers and laptops with it. The computers are well networked to provide intranet and internet facility. The computer network is supported with "HP DL380" server having Octa-Core Xeon multi threaded processor with 64 GB of RAM which provides in house computing services, robust open source Linux based CentOS7 operating System. All the classrooms are equipped with projectors systems to enable projection of presentations, videos etc. All the IT infrastructure is provided with software support that is updated from time to time. System software is updated from Linux-Ubuntu, Windows to open source Ubuntu 16, Windows 10. Latest Tally ERP 6 software used for accounting is updated regularly. ERP software developed by parent trust is used to facilitate administrative functions of the institute and which is regularly updated. The institute has rack mounted external hardware firewall from world's leading firewall manufacturing company Cyberoam with model cyberoam 200 ING, which provides network monitoring, internet load balancing, malware and virus detection, anti-spamming, and user based protection. Also it is configured with standard internet security policies. The Electronic CCTV Surveillance System has been installed in the campus for identification of malicious activities provides security to students, faculty, and staff. The computational facilities are provided with internet connectivity of 200 MBPS. One dedicated leased line of 100 MBPS from BSNL and another backup line of 100 MBPS is available. Required softwares are also procured and are updated regularly. Learning Management System (LMS)-Moodle is available, which helps the institute to manage effective teaching learning processes. 3-Layer Switching (Core, Distributed and Access) network is available for the entire campus. Core layer switches in the buildings have been connected with the Optical Fiber ring Network. This core switching is further extended to Distributed Switching for departments where 100/1000 Mbps (Gigabit Switches) are installed. The Institute has separate centralized maintenance system in order to support the IT infrastructure, campus facilities and equipment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

861

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	View File

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

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

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

159.47228

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The institute has established systems and procedures for maintaining the physical, academic and support facilities. Housekeeping and Maintenance section is divided into various subsections such as Housekeeping, Electrical Maintenance, IT

Maintenance (IT Cell), Building Maintenance etc. A maintenance request is submitted to the Director and the same is forwarded to the maintenance in charge. The in-charge register the request and forward the same to respective maintenance personnel and coordinates the material requirement if any with stores. The maintenance in-charge takes the follow up on the status of the maintenance work from the respective section until the completion of the work. Maintenance and utilization of physical, academic and support facilities is done as follows

Laboratory: Institute has well equipped laboratories to meet the requirements of the syllabus of the affiliating university. The lab in charge looks after the smooth functioning of the equipment. If the equipment is nonfunctional or not working properly, the 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 the 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. 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. 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 student 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 the examination period the same is kept open for 24 hours.

Sports: Indoor and Outdoor sport facilities are available in the Institute. The institute shares open ground facility provided by parent trust within the 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.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.dietms.org/institutional-facilities/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

2526

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

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

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

67

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

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

A. All of the above

File Description	Documents
Link to Institutional website	https://www.dietms.org/capability-enhancement/
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

1670

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

1670

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

5.1.5 - The Institution has a transparent

A. All of the above

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

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

218

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

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

5.2.2.1 - Number of outgoing student progression to higher education

40

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

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

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

1

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

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

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

The Students' Council is established at the institute under the Maharashtra University Act upto academic year 2017-18. For the last 2years because of the state government guidelines student council is not formed at the institute. Along with the students' council at the institute level, every department at the institute has the students' association such as:

- Mechanical Engineering Student Association (MESA)
- Student Association of Electronics Engineers (SAEE)
- Civil Engineering Students Association (CESA)
- Association of Computer Science and Engineering (ACE)
- Association of Management Students (AMS)

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 the following committees of the institution

1. Anti Ragging Committee 2. IQAC3.Hostel Committee 4.Anti Ragging Squad 5. ICC Committee etc.

Along with representation of students in academic and administrative bodies they also participate in co-curricular and extracurricular activities like SAE-TIFAN, M-BAJA, E-BAJA, Go-Kart, SUVC etc.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1AXhIAkNM0046JvmTgB4JUc5s9IFFvZTI/view?usp=sharing
Upload any additional information	View File

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

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

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	No File Uploaded

5.4 - Alumni Engagement

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

The 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
- Vice President
- Secretary
- Joint Secretary
- Treasurer
- Members (2)

The alumni association meeting is conducted by the association regularly and the Institute conducts the alumni meet annually. Alumni meet provides a good opportunity to the faculty, staff, and students, for interaction with the alumni working in various sectors and at a different level. The alumni are invited for the conducting Expert talks, Seminars, workshops on different areas of their expertise. Our alumni have proposed donation in terms of money, study material, machinery and required services for the renovation, repair, reorientation and landscaping requirements required for infrastructural development of the Institute. Alumni of the institute regularly visits for sharing their professional experience with the students of the institute.

File Description	Documents
Paste link for additional information	https://www.dietms.org/alumni-association/
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The Institute established in the year 2009, a self-financed Engineering and Management Institute, managed by Marathwada Shikshan Prasarak Mandal (MSPM) for imparting quality technical education. MSPM established in the year 1964 is a Public Charitable Trust registered under the Societies Registration Act. MSPM ardently strives to create a community of educators who are committed towards the development of students, and it ensures quality education. Total 7 institutes under the roof of parent trust are awarded with 'A' grade by NAAC and 4 institutes are recognized by state government as college with potential for excellence. The institute is affiliated to Dr.

Babasaheb Ambedkar Technological University, Lonere for Engineering courses and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad for Management courses.

Vision Statement

Nation building by creating opportunities for rural and urban students through excellence in education and research in the field of Engineering and Management

Mission Statement

- To develop the students for best academic and industrial practices by implementing innovative teaching learning methodologies, promoting all round development by giving exposure to a series of activities
- To prepare the students to face global challenges by equipping them with requisite technical expertise and developing entrepreneurship skills among them.
- To promote research attitude among faculty and students.

Objectives

- To achieve excellence in academic.
- To ensure overall development of students by supporting them through Co-Curricular and Extracurricular skills.
- To build industry- institute interaction.
- To support for placement and entrepreneurship development.
- To encourage research and development activities.

The established policies, roles and responsibilities of stakeholders, SOPs for various processes and activities in the

Institute ensure the integrity and effectiveness of the governance and administration. The Institute believes in shared leadership and participative decision-making wherein stakeholders of the institute participate and contributes for effective realization of the vision and mission. This reflects the decentralization of its operations and delegation of the necessary authorities and responsibilities.

To ensure the quality and imbibe excellence and overall development, IQAC has developed the perspective plan aligning with vision and mission of the Institute. It is the time-bound objective set for academic, administrative, research and development activities. The entire process is based on participative approach wherein the faculty members and other stakeholders are involved in the development of plans and its execution. Various committees and Clubs under the leadership of senior faculty members are constituted to ensure the value addition which lead to the holistic development of the students. Further, we consider the social responsibility to be imbibed in our students and this we do it through community service and various club activities.

Faculty members actively participate in academic activities of the University for Revisioning the syllabus, setting examination papers, Assessment of answer books, moderation of answer books, and external examiner for Viva-voce etc. which helps in achievement of the mission of the institute.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1h_7AhV1V8AQJgyq4b1RptI4EhobkpYUN/view?usp=sharing
Upload any additional information	View File

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

The Institution has a culture of decentralized governance system with well-defined inter-relationships. Institute delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are

constituted to manage different institutional activities. Committees are formed for the various curricular/co-curricular/extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty.

To facilitate smooth, fast, and easy working Institute has adopted the following practices.

The institute has created a post of Vice Principal for assisting and sharing the workload of Director. All the academic activities are coordinated through Vice Principal. The Vice Principal is also acting as a bridge between HOD and Director for timely actions on various issues. The Vice Principal looks after all academic affairs of the institute like Academic Calendar, Workload, Timetable, Conduction of Classes.

Further, to encourage decentralization and participative management, the institute has constituted various committees at departmental level and institute level. This practice has enabled participation of all staff members in coordination of different activities and enabled HOD for smooth functioning and problem solving at departmental level. In each institute level committee one representative of each department is involved so that the activity can be streamlined. This enabled the authorities for conduction and review of different activities through better participation and involvement.

Faculties are also empowered to decide academic/administrative/co-curricular/extra-curricular activities which have strengthened administrative skills with professional responsibility and accountability.

Case Study: SHODH (Engineering Exploration)

The first year Engineering course - "Engineering Exploration" is one of the unique outcomes of innovative education ecosystem of DIEMS. This is a team-taught course that focuses on problem

solving, Engineering Design, Multi-disciplinary skills, Ethics and Data Acquisition & Analysis. This course is co-designed and co-taught by faculty members drawn from multiple engineering disciplines & it follows PBL pedagogy. Students work in teams to solve identified problems. This course serves as a platform for peer learning and push students in Multi-disciplinary design thinking in first year itself.

To encourage research and development in the field of engineering and Management is always the priority of our institute, and for promoting the same we have organized Shodh 2019, wherein 35 ideas and 60 Projects were given the platform to exhibit their innovation. Following is the details of committees who were delegated with the exhibition work

1. Invitation Letter and Brochure Preparation Committee

1. Guest Invitation Committee

1. Stall Arrangement Committee

1. Report, Media and Photographs Committee

1. Feedback Committee

These committees have carried out their allocated work through participative management and is the reason for the grand success of the event. Because of decentralization of work, each committee member is empowered with a sense of responsibility and decision making took place in participative manner.

Case Study: NPTEL Local Chapter

Due to space limitation, it is not possible to describe the details here. However, documentary evidence of the same are attached in additional information

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1TvyXtB9FDQocsGNPtcqIUXyt-AqCZMuZ/view?usp=sharing
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Institute has a strategic plan for development where the goals and action plans are stated and are aligned with the Institutes Vision and Mission. The plans are developed by a group of people involving Management, Director, HOD and senior faculty members of the institute in consultation with IQAC. The strategic plan was developed for the year 2017-22 by keeping in mind the needs of the students, changing industry scenario, competitive market etc. The strategic plan is also available on the institute website.

Example activity implemented successfully on the basis of Strategic Plan: Strengthening Industry and Community Partnerships

Under this strategic initiative the institute has defined following strategic initiatives Initiative

1: Strengthen industry partnerships in an effort to increase industry-supported applied research and collaborative laboratories.

Initiative 2: Strengthen industry partnerships through expert talks, industrial visits etc.

Initiative 3: To engage the students for maximum industry projects, internships.

Initiative 4: Develop a formal DIEMS alumni relations program.

The activities carried out for achieving are listed below

Strategy

Strategic Initiative

Activities Conducted

Strengthening Industry and Community Partnerships

Initiative 1: Strengthen industry partnerships in an effort to increase industry-supported applied research and collaborative laboratories.

To strengthen partnership with industry the institute has started working in association with GIZMASSIA for solving problems faced by the industry. A group of students are allotted an industry along with a guide and mentor from industry. The students work for solving the real problems of the industry in consultation with guide and mentor. In academic year 2017-18 students carried out 14 projects, 34 projects in 2018-19 and in current academic year students are working on 46 projects.

Initiative 2: Strengthen industry partnerships through expert talks, industrial visits etc.

Institute is keen for increasing domain expertise of students. It is the tradition of the institute to invite experts from industry to interact with students on recent trends and technologies. To support theoretical knowledge with practical applications institute regularly organizes industrial visits. These two initiatives have helped students to gain practical knowledge. Till date around 810 expert talks and 636 industrial visits are arranged by different departments.

Initiative 3: To engage the students for maximum industry projects, internships

From the beginning the institute permits students to work on industrial projects and internships. From academic year 2017-18, the institute is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere and as per the curriculum of University internship is compulsory to the students. Till date total industry sponsored projects were completed and students successfully completed internship.

Initiative 4: Develop a formal DIEMS alumni relations program

The institute was started in the year 2009 and total 7 batches have passed out. Being a new institute the alumni of the institute are yet to achieve senior positions in their

respective organizations and thus can not help institute financially. But institute keeps regular interaction with alumni through phone, email and social media. To increase interaction with alumni institute arrange regular alumni meets. Also alumni are called for expert talk or to interact with students on current industrial practices.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://drive.google.com/file/d/1HmdgZaB32jzzFgS5SWwrx9MZzVCevGT/view?usp=sharing
Upload any additional information	View File

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

Deogiri Institute of Engineering and Management Studies, Aurangabad has a well-established organization structure under the guidance of Marathwada Shikshan Prasarak Mandal (Parent Organization), for the smooth functioning of the administrative and academic process. . For the smooth functioning of all the institute the trust has adopted decentralized approach, the trust regulates the overall functioning of the institute by forming Local Governing Council (LGC) at institute level who monitors day to day functioning of the institute and coordinate with top management and take necessary decision as and when required. The Local Governing Council (Now named as College Development Committee) is of 15 members constituting Chairman and Secretary of the trust, 3 local members nominated by management, 5 invited members nominated by management, 3 representatives from teaching faculty, 1 representative of non teaching staff and Head of the Institute as Member Secretary.

The Director of the institute is head of Administrative and academic activities and monitors the overall functioning and has powers for academic, administrative, finance and institute's growth. Further Head of Department (HOD) is authorized for the success of the programme in the department and report to Vice Principal. Each department has year coordinator and class teacher, non-teaching staff to coordinate the academic and administrative activities respectively. For

support function our institute has office superintendent, Account officer, Library, Training & placement, security etc. has designated in-charge who report to Director.

Service rules: Service rules as enforced by Government, affiliating University and All India Council for Technical Education are followed.

Recruitment and Promotions: Recruitment and promotion policies and rules have been defined by statutory bodies and decisions are taken following these.

Grievance Redressal Mechanism: The institute is very much keen about addressing the grievances of its stakeholder's. For the same purpose, the institute has a grievance Redressal cell to respond to the grievance arising in the institute. Following are the committees constituted for prohibiting/addressing various types of grievances.

- Grievance Redressal Committee
- Internal Complaints Committee (Vishakha Samiti)
- SC/ST Cell

Online Grievance Redressal Portal

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1y8fXJLXdMpp76_vPAe_VRuLJVGJ4Zu_h/view?usp=sharing
Link to Organogram of the institution webpage	https://drive.google.com/file/d/1y8fXJLXdMpp76_vPAe_VRuLJVGJ4Zu_h/view?usp=sharing
Upload any additional information	View File

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

B. Any 3 of the above

Support Examination	
File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Deogiri Institute of Engineering and Management Studies undoubtedly considers that the teaching and nonteaching staff play a key role in the growth of the institute and therefore providing welfare facilities and services at the workplace becomes vital to provide continuous improvements in work environment. These welfare measures include enriched physical and mental health to the employees and thus promote a vigorous and encouraging work atmosphere. It would also stimulate the employee's productivity and commitment to the institute. Indeed, a motivated employee will respond by contributing to the best of his / her capabilities.

A list of welfare facilities and services provided to the teaching and non-teaching staff at the institute is provided below. These facilities and services are availed by them based on their eligibility and requirements at the appropriate time as per the prevailing norms of the Institute

Welfare Schemes/ Facilities for Teaching Staff

Welfare Schemes/ Facilities for non Teaching

Staff

The institute has a positive approach for the Welfare of the Faculties.

- The institute provides funds to Faculty members in case of a medical problem.
- Institute gives maternity/ paternity leave to female faculty members.
- 25 percent fee waiver for wards of the members belonging to any school or college run by the Trust for taking professional education.
- Advance against salary to faculty members.
- Provision for provident fund and gratuity
- Study leave for pursuing higher studies and industrial training.
- The institute has formed an informal group of faculty members which contribute a certain amount of money monthly. From the amount collected, faculty members can avail loan without any interest.
- Free Health Check is provided in Institute.
- Child care facility is availed to Ladies Faculty by Institute.

- Festival advance

The Non teaching staff is taken care of by availing various facilities

- The institute provides funds to Nonteaching members in case of a medical problem.
- Institute gives maternity leave to female staff members.
- Institute gives uniforms to class IV employees.
- 25 percent fee waiver for wards of the NonTeaching members belonging to any school or college run by the Trust for taking professional education.
- Advance against salary to staff members.
- Provision for provident fund and Gratuity
 - 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 without any interest.
 - Free Health Check is provided in Institute.
 - Festival advance

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/15dPwhS9bcRwOeEg8hS3V_oNsMh6ZBoDW/view?usp=sharing
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year	
6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year	
3	
File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File
6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year	
6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year	
1	
File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File
6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)	

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

287

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Quality teaching is indispensable for improving student outcomes and achievements. Institute has well designed performance appraisal system. It is implemented with the help of Performance Appraisal Form which evaluates overall performance of the employees. Performance is self-assessed and duly filled in PAF by Faculty and Staff at the end of every year. PAFs are then evaluated by respective HODs /Section heads and Director. PAF system inspires Faculty which boosts professional knowledge and growth. Therefore, it is made mandatory for every Faculty and Staff to submit the performance appraisal every year. The performance appraisal system evaluates staff on following parameters:

1. Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given)
1. Co-curricular, extension and professional development related activities (Extension/co-curricular, Professional Development Activities and Contribution to the Management of Activities)

III: Research, publications, and academic contributions**IV. Official conduct (target-based works, punctuality, and obedience)**

Performance Appraisal System for Staff is monitored on the parameters observed. The integrity and their character are also reviewed. The length of service under reviewing authority is noted. The system is transparent and the appraisal with comments of the Head of the Department is then analyzed by the Director. After the evaluation every concerned staff is either appreciated or directed for further improvements. Based on the reviews, the report is submitted to the Management for further actions.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1GIMBf12_xyih0-7bF5BC2VhVTij3Jy5M/view?usp=sharing
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

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 (self developed). 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.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/11K4owtuzZ2EfrRnwFI5Jcg1IJf7XUE2z/view?usp=sharing
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose which help ultimately in realizing the institute's vision and mission. Institute has made the necessary provision in the books of account towards efficient use of the available fund for each academic year. As per the guidelines of the management and Principal, Variance report of sanctioned budget and actual expenditure are regularly maintained. The Institute has a well

defined procedure to monitor effective and efficient utilization of available financial resources for infrastructure development and academic processes. Every year, the budget is prepared well in advance after taking into consideration the requirement of every Department. Each Department prepares the budget based on the requirement such as equipment, computer as well as consumable required for next academic session. Principal puts up the budget in Governing Body meeting and after discussion and necessary corrections/modifications; Governing Body recommends the budget for approval. The budget is reviewed by the management and approved after necessary changes. As and when required, the institute makes a provision for advance additional funds. The Principal and the Head of Departments discuss the requirement and decide the priorities while allocating financial resources for various purposes; and also ensure optimum use of available financial resources. The Governing body studies the annual expenditure, scrutinizes the budget and provides feedback for efficient use of financial resources. The Institute has standardized procedure for sanctioning of funds for various activities and also for settlement of advance and passing of bills for payment.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1xDfLhqdRXbxvErFOqOCokPnoLctSvsIh/view?usp=sharing
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

Institute has constituted IQAC in November 2016 and since then it is acting as a central agency for coordinating quality related activities including adoption and dissemination of best practices. It has created learner-centric environment conducive for quality education and also constituted processes for effective delivery of academic practices. IQAC coordinator along with Director, Head of departments and other stakeholders discuss various activities leading to improvement of quality of education of the institute. The initiatives suggested by IQAC are effectively operationalized by respective departments.

Following are the two best practices that IQAC has institutionalized for improvement of quality initiatives

1. Effective use of E- Learning Mechanism:

Objective: To inculcate self learning approach among students through the use of various MOOCS and E learning platforms

Context: With the advancement in technology and better internet connectivity, it is possible for students to participate in various online courses offered by MOOCS and different E learning platforms. The use of these platforms allows students as well as faculties to gain knowledge of respective subjects from domain experts and that too irrespective of location and time.

Practice: Students and faculties are encouraged to enroll for various courses offered by NPTEL, SWAYAM, EDURICA, COURSERA etc. Each faculty teaching a particular course also encourages students to enroll for the course and also to appear for the examination. Institute also has a remote center of IIT Mumbai, through which various online courses are conducted in the institute premises for faculties. Additionally institute has hosted faculty development programs organized by National Institute of Technical Teachers Training and Research (NITTR).

Outcome: This practice has enabled the institute to inculcate self learning approach among students and has helped faculties to update their course expertise. In the past two years significant increase in participation of students and faculties is observed.

2. Effective use of Continuous Assessment Methods :

Objective: To enhance critical thinking, problem solving approach and learning capability of student's continuous assessment methods are chosen so as to address the need of the industry.

Context: To enhance the methods suggested by affiliating University, the institute has taken initiative for implementing Continuous Assessment methods to satisfy diverse learning needs of the students. Also the interest of students is addressed because of a variety of assessment methods.

Practice: Each course teacher before the commencement of the semester identifies the methods that will be used for continuous assessment of students. All course teachers along with year coordinator and HOD discuss on identified methods and finalize continuous assessment methods for a particular class. The same process is repeated for each class. The finalized methods are then discussed in HOD meeting with Director and after his suggestions the methods are communicated to students. While deciding the methods for continuous assessment care is taken so as to address various assessment mechanisms such as Quiz, Survey, Online Test, Case Study, Open Book Test, Surprise Test, model building, presentations and small/mini projects.

Outcome: The outcome of this activity is increased student engagement in class/laboratories and increased participation in academic activities.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1NOJ8_9-LoiOWFbkY_hvWW0Wu-pHYyp3Y/view?usp=sharing
Upload any additional information	View File

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

IQAC is the central body within the institute to continuously review the teaching-learning processes of all the programs. The academic calendar of the institute is prepared in line with the Academic calendar of University. Based on this, each Department prepares its Time Table followed by an Individual Time table of the faculty. Then considering syllabus of the Course and individual's timetable, each faculty prepares his / her Course File as per the format provided. Course File is checked periodically by HOD. Feedback based on checking is given to the

faculty. Also, the Academic Monitoring and Academic Audit are done.

Following are the two examples of review of teaching learning processes

1. Academic Monitoring:

The institute has a well established mechanism to monitor the academic activities. The planning of academics begins with preparation of Academic Calendar which is in line with the Academic Calendar of the University. Before faculty members proceeds for vacation each HOD collects subject choice from each faculty and after discussion with faculty member's subjects are allocated to faculty members. Accordingly based on Academic Calendar and subject teacher prepares lesson plan and list of laboratory experiments.

On the basis of academic calendar each department review following periodically

1. Syllabus status of theory/practical.
1. Daily attendance monitoring.
1. Monthly defaulter list.
1. Regular Project Review.
1. Regular monitoring of practical evaluation sheet.
1. Make up turn for missed practical's.
1. Feedback from students.

1. Results of mid semester/ Class test

1. Performance in Continuous Assessment

2. Academic Audit:

In order to comply with the set procedures recommended by IQAC each department conducts internal Academic Audit. The audit is carried out so as to ensure the quality of teaching learning is maintained and also to address deficiencies if any. The audit is conducted by departmental IQAC coordinator along with faculties deputed by concerned HOD.

Along with internal Academic Audit, institute also conducts external Academic Audit through industry persons and senior academicians. The external auditors review all the documents maintained by the department. The suggestions and observations given by external audit team are noted carefully and are taken care of in the next academic year.

File Description	Documents
Paste link for additional information	https://drive.google.com/file/d/1lGV0kcNduxLP9BGIlGSZxc0W9gvYnbLa/view?usp=sharing
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://docs.google.com/document/d/1MmRg_P28NOM0Oo14uEDaIytVDNUKd0TV/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Institute shows gender sensitivity in providing facilities such as

1. **Safety and Security:** Institute takes at most care in providing safety and security to all students. Since the institute is located centrally, transportation is not an issue to students. The girl's hostel is located in the campus only and boy's hostel is just 500 meters from the institute. Institute has taken the following measures to cater for the safety and security of the students.

1. Sufficient number of security guards is available in the campus.

2. Campus is under 24 by 7 surveillance with the help of 118 CCTV Cameras installed at various locations.

3. I card and uniform is compulsory in institute campus for students as well as faculties.

4. Bus facility for Industrial Visit, Study Tour etc.

5. First aid box in every department, Workshop, Library etc.

6. Sufficient fire extinguishers are placed at appropriate locations.

7. Fire fighting system is also installed in the institute campus.

2. Counseling: Institute runs a unique mentor mentee scheme wherein each faculty member is assigned a group of students as a mentor. Faculty member counsel the students on their academic as well as personal problems. Institute has formed student counseling committee which addresses the issues of the students from time to time. Also Director, HOD and senior faculty members resolve student issues from time to time. Institute has constituted committees such as Internal Complaints Committee, Anti Ragging Committee, Anti Ragging Squad and Hostel committee which look after student grievances as and when needed. From current academic year institute has appointed Ms. Mona Shah as student counsellor.

Common Room: Institute has separate girls and boys common rooms with adequate facilities. Separate washrooms are also available for Men and Women.

File Description	Documents
Annual gender sensitization action plan	https://docs.google.com/document/d/1TlvpKWNXc_4uB7cJS71kp3zJWtTBZ7U4/edit?usp=sharing&oid=110149840996302763609&rtpof=true&sd=true
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://drive.google.com/file/d/1SjOFCahP2MOXARHupqW4_Fyd-ZMYtdFF/view?usp=sharing

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	No File Uploaded

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

Institute practices waste management including solid waste management, liquid waste management and ewaste management.

A. Solid Waste Management: Institute practice solid waste management through following initiatives

1. Appropriate numbers of dust bins are placed at various places in institute for collection of solid waste.
2. The food waste from boys hostel mess is used for generation of biogas.
3. The food waste from the canteen is used to generate compost with the help of vermin culture
4. Old newspapers, used papers and journal files, workshop scrap etc. are given for recycling to external agencies.
5. From current academic year the use of single use plastic is banned in the institute campus

B. Liquid Waste Management: Institute practice liquid waste management through following initiatives

1. Waste water outlets of washrooms are connected to municipal corporation drainage line.
2. Waste water from girls hostel is recycled using recycling plant and the same is used for gardening purpose.
3. No hazardous liquid waste is generated from the laboratories of the institute.
4. Rain water harvesting is available in the institute in order to recollect the rain water and the same is used to recharge the bore wells.

C. E- Waste Management: Institute practice E- waste management through following initiatives

1.E- Waste management is done by collecting all e-waste at a central place in the institute and the same is sent to E- waste recycler for recycling purpose.

2.Periodically institute write off old computers, printers, keyboards, mouse etc. and are disposed with the help of vendors.

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

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

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

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

A. Any 4 or all of the above

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

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	View File

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

Institute plays a crucial role in overall and holistic development of students. Various Efforts are taken by Institute to provide an inclusive environment. It helps to promote the Experiential Learning, Teamwork and Coordination among the students. Inclusive environment is provided through various activities.

Annual social Gathering and participation of students in various cultural activities at Institute and University Level helps to have better understanding. Students are distributed in Batches and groups for Experiments and competitions which help to overcome the regional barrier. Institute has Mentor-Mentee as the Best Practice which helps the students to overcome the Linguistic Barrier if any through activities conducted under this scheme. Student representation is promoted in various committees which help to overcome the discrimination amongst the students if any. Day celebration activity provides an inclusive environment. Students from all regions Classes participate in this activity creating a environment of Harmony towards Cultural, regional, linguistic, communal socioeconomic and other diversities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	View File

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

Institute is Sensitive to the constitutional obligations. Day in an Institute starts with a National Anthem. Every Department organize the Expert Talk which include the Talk addressing the issues such as Values, Rights, Duties, and responsibilities of Citizens. Day Celebration is one of the activities conducted in the Institute which helps the students and employees to remember and follow the path showed by great personalities in History including Freedom Fighters social reformers.

Institute has a Code of Conduct and rule Book which helps to maintain the discipline within Institute. Curriculum is having Courses such as Basic Human Rights and Constitution of India which help the student to become a responsible Citizens.

Apart from these activities such as Blood Donation, Grain Collection, visit and donation to Orphanage Homes, helps in sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties, and responsibilities of citizens

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://drive.google.com/file/d/1yWrILlR966WnYC9C2JF9zhO_-6zE7O5B/view?usp=sharing
Any other relevant information	https://drive.google.com/file/d/1yWrILlR966WnYC9C2JF9zhO_-6zE7O5B/view?usp=sharing

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this

A. All of the above

regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	View File

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

The institute organizes various National Festivals and birth / death anniversaries of the great Indian personalities every year as mentioned below:

1. Republic Day and Independence Day - Every year the institute celebrates Independence Day and Republic Day with great enthusiasm and all teaching as well as non-teaching staff members and students are invited for the function. Flag hoisting is done at the hands of freedom fighter or office bearers of parent trust followed by patriotic songs, speeches by Chief Guest and voluntary student members.

2. Marathwada Mukti Sangram Din -Institute celebrates Marathwada Mukti Sangram Din every year on 17 September as liberation day from the state of Nizam of Hyderabad

. 3. Maharashtra Din 1 May is celebrated by institute as Maharashtra Din, for commemorating the formation of the state of Maharashtra from the division of the Bombay State on 1 May 1960.

4. **Teachers Day:** Teachers day is celebrated on 5th September every year in the memory of birth anniversary of Dr Sarvepalli Radhakrishnan, a great teacher and a strong believer of education. Students organize this event and interact with their faculty members (Gurus) in an informal way by conducting a few games/competitions, singing songs with teachers and giving small gifts as a token of appreciation to the teachers

.5. **Engineers Day -** Engineers Day is celebrated on 15th September every year in honour of Bharat Ratna Sir M. Visvesvaraya, an eminent Engineer.

For inspiration to our students, birth and death anniversaries of following national legends are celebrated in the institute.

1. Shivaji Maharaj Jayanti
2. Mahatma Gandhi Jayanti
3. Mahatma Jyotirao Phule Jayanti
4. Savitribai Phule Jayanti
5. Dr. Babasaheb Ambedkar Jayanti
6. Netaji Subhash Chandra Bose Jayanti
7. Rashtramata Jijabai Jayanti
8. Swami Vivekanand Jayanti
9. Sant Sevalal Maharaj Jayanti
10. Lal Bahadur Shastri Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice I

Title of the Practice: Mentor Mentee Scheme

Objective of the Practice

1. One to one counseling of students through faculty-student interaction at individual level.
2. To motivate the students for participation in various curricular, co curricular and extracurricular activities.
3. To identify the talent of the students in various areas such as sports, cultural, technical, etc.
4. To counsel students regarding their academic as well as personal problems.
5. To enable the students to identify their strengths and weaknesses.
6. To inculcate the values of good citizenship among students.

The Context:

The mission of the institute is to provide educational platform for students of rural and urban background. Naturally there exist a diversity among admitted students in terms of academic, financial and cultural background. To prepare these bunch of diverse students it is important to bring them on a common platform, wherein they can share their views and ideas and problems if any. In order to achieve excellence, it is important to groom the students for curricular, co-curricular and extracurricular activities. In this context, mentor mentee mechanism is a platform where each faculty member is assigned a group of students as mentor and it is the responsibility of the mentor to provide all support to the students satisfying his academic and other needs. This mentoring program would add the quality of self-reliant and judicious use of leisure time apart from daily academic routine. Students are enabled to learn the real practical facts of industrial life under the roof of

educational institute.

The Practice In this mechanism

1. Every faculty member is assigned a group of 15 to 20 students.
2. Mentors conduct regular meetings with the respective mentees to understand their academic and personal problems and guide them accordingly.
3. The mentor motivates the mentees for participation in various co-curricular and extra-curricular activities.
4. In annual social gathering mentor has freedom to nominate a student or group of students for different events depending upon the skills of the mentees.
5. Many of the messages / notices are conveyed to the students through this mechanism.
6. Mentor motivate students to give presentation on at least one technical and one non technical topic.

Evidence of Success

The evidence of the success of this mechanism can be evaluated from the points mentioned below.

1. Increase in the results of the students.
2. Increase in the overall participation of students in different activities and events
3. Improvement in the presentation skills and critical thinking ability of the students.
4. Increase in participation of the students in various Technical competitions like Avishkar, Hackthon, SAE-BAJA, Go Kart, Mitsubishi, GIZ MASSIA etc.

Problems Encountered During the implementation of this mechanism

institute encountered following problems

1. Non participation of some of the students.

2. Because of different socio economic background of students mentor face challenge to motivate and counsel them using the same methodology. Resources Required 1. No additional resources are required to carry out this activity other than institute infrastructure.

Best Practice II

Title of the Practice: Inspire Series

Objective of the Practice

1. To inspire the students through real life experiences of eminent personalities.

2. To make aware the students about real life challenges and ways to overcome the same.

The Context

In today's competitive world it is required to build confidence and attitude among students. These things can be inculcated among students through face to face interaction with real life heroes in different walks of life. The success stories are helpful for motivation and inspiration of the students. By interacting with great personalities students get answer to many questions directly and indirectly. By keeping this ideology in mind institute has started unique lecture series named "Inspire" The Practice In this practice every department is suppose to conduct at least 3 talks per semester under "Inspire" series. The names of the persons to call for this series are finalized in consultation with the Director, HOD, faculty and students. The institute tries to invite speakers such as social entrepreneurs, academicians and entrepreneurs for this series who have built their career in adverse situations and the experiences shared by these speakers highly inspire the students. Once the speaker is identified due follow up is taken by department coordinator for finalizing the date and time of talk, an official invitation letter is sent to the speaker, students are made aware about the talk by concerned coordinator so that students can ask questions to the speaker if any. It is the tradition of the institute to present a hand drawn portrait of the speaker as a token of love from institute side.

Evidence of Success

The evidence of the success of this talk series can be evaluated from the points mentioned below.

1. Good connect with society and industry.
2. Improvement in the attitude and approach of the students.
3. Development of problem solving capability of students.

Problems Encountered During the implementation of this mechanism

institute encountered following problems

1. Because of the busy schedule of the speakers some talks are postponed or cancelled.

Resources Required 1.No additional resources are required to carry out this activity other than institute infrastructure.

File Description	Documents
Best practices in the Institutional website	https://drive.google.com/file/d/1KDP5X3_Z6OjKJpGbo01qtxPN5YYCl0hq/view?usp=sharing
Any other relevant information	https://docs.google.com/spreadsheets/d/1xOtpPHtZMHGbJm7zkr-IUgRGGo-15_CL/edit?usp=sharing&ouid=110149840996302763609&rtpof=true&sd=true

7.3 - Institutional Distinctiveness

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

Deogiri Institute of Engineering and Management Studies' Vision clearly state about Nation building by creating opportunities for rural and urban students through excellence in education and research in the field of Engineering and Management and hence is committed for developing the students for best academic and industrial practices by implementing teaching learning methodology, promoting all round development by series of activities which also prepares the students to face the

global challenges. In a very short span of time DIEMS developed a distinctive position in the crowded scenario of Engineering and Management education in the region. This resulted the performance of the institute in various area Viz. academics, sports, culture and discipline etc.

We strongly believe that following are the skill set required in this competitive world for a student

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with others
6. Emotional Intelligence
7. Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive flexibility

To inculcate this we have introduced an additional subject "Engineering Exploration" which is a team taught course that focuses on problem solving, engineering design, multidisciplinary skill etc. by forming interdisciplinary groups with 72 hours training and then identifying the need statement which is followed by a survey. The need statement is then converted into problem statement which is resulted into a product. This process resulted in development of above mentioned skills. The students start thinking little bit off bit or out of box. They understand the concept of Engineering, trying for solving the problems and we are sure that as the students will be participating in "Engineering Explorations" throughout their academic career they will be passing out with an experience of working on live projects and in the final year they will have marketable product or service as their final year project. They may become Entrepreneur. We are providing them mentors and may be the need statement up to second year and from third year

onwards they have to find out the need statement and mentor also. Hence we feel very proud of running such activity which makes DIEMS distinctive.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

The Institute has a strategic plan for development where the goals and action plans are stated and are aligned with the Institutes Vision and Mission. The plans are developed by a group of people involving Management, Director, HOD and senior faculty members of the institute in consultation with IQAC. The strategic plan was developed for the year 2017-22 by keeping in mind the needs of the students, changing industry scenario, competitive market etc. The strategic plan is also available on the institute website.

Plan of action for the next academic year of the Institute is as Follows

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.