YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	MATSYODARI SHIKSHAN SANSTHA'S COLLEGE OF ENGINEERING AND TECHNOLOGY, JALNA
• Name of the Head of the institution	Shantisagar K. Biradar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02482262055
• Mobile no	9822628679
• Registered e-mail	msscetjalna@gmail.com
• Alternate e-mail	mssprincipal.naac@gmail.com
• Address	Matsyodari Shikshan Sanstha's College Of Engineering And Technology, Aurangabad Road, Nagewadi,Jalna
• City/Town	JALNA
• State/UT	Maharashtra
• Pin Code	431203
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 LONERE.**
• Name of the IQAC Coordinator	**Prof.R.L.Karwande**
• Phone No.	**02482262055**
• Alternate phone No.	**7499190622**
• Mobile	**9960754738**
• IQAC e-mail address	**msscet.iqac@gmail.com**
• Alternate Email address	**ravindrakarwande@yahoo.com**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://mail.google.com/mail/u/0/?tab=rm&ogbl#search/AQAR/FFNDWLvmjrLknTqnddPvqmPJCzjdTLCN?projector=1&messagePartId=0.1
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://assessmentonline.naac.gov.in/public/index.php/postaccreditation/generatePDF_aqar/eyJpdiI6IlNwS2pEdm9hUFpIcjhhMVdwS002SXc9PSIsInZhbHVlIjoiUWIzNHk3WFYzXC93R0trRGo1TXdSXC9BPT0iLCJtYWMiOiJmNW

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B+**	**2.64**	**2019**	**15/07/2019**	**14/07/2024**

6.Date of Establishment of IQAC	**21/07/2017**

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	2	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	

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)

Focused efforts for improving association with industry for internships, training and placements.

Social activities during pandemic through MSS CET NSS unit.

Motivated Faculties for effective use of ICT Tools in Teaching Learning Process.

Motivated students for participating in national and international technical events such as GOKART,TIFEN,SMART INDIA HACKATHON.

IQAC initiated the process to define Program Outcomes, Program Educational Objectives, and Program specific objectives course objectives in curricular framework

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
Development and modification of Quality assurance SOP manual	Updated
Improved interaction with stakeholders	Suggestions and support received from parents, alumni, employers and other all stakeholders
Industry Institute Interaction initiative	Significant improvemnets in number of industrial visit organized, MoUs, Sponsored projects, internships and training
Social activities during COVID-19 pandemic	Mask and sanitizer distribution, awareness activities for vaccination etc
Alumni Engagement	Effective interaction with Alumni
Planned for NBA	Started the Preparation of NBA

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

- Name of the statutory body

Name	Date of meeting(s)
MATSYODYARI SIKSHAN SANATHA'S COLLEGE DEVELPOMENT COMMITTE	14/08/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2022	27/12/2022

15.Multidisciplinary / interdisciplinary

MSSs CET affiliated to DBATU Lonere & Dr BAMU Aurangabad has certain limitations in curriculum designing, however, many more initiatives have been taken in promoting interdisciplinary academic activities. In the curriculum, subjects like Robotics, Mechatronics, IoT and sensors have been added. MSSs CET has started various value added /

add on courses providing platform to students to have education with interdisciplinary approach. Most important is that many more student associations are there in the institute and always curricular activities are organized with the participants from all the disciplines. Various courses are there in the curriculum such as Energy conservation Management, Aerospace Engineering, Computational Fluid Dynamics, Basic human rights, Human Resource Management etc. Expert lectures are arranged on various topics such as Financial Wealth, Banking, innovation and startup, etc

16.Academic bank of credits (ABC):

MSSs CET is affiliated to DBATU Lonere & Dr BAMU Aurangabad and is working on the concept of Academic bank of credits (ABC), to establish "credit transfer" mechanism for providing academic mobility to students. University curriculum is based on choice based credit system.

17.Skill development:

Skill development is one of the crucial quality feature on which MSSs CET is focusing. MSS CET is focusing on skill development through In plant trainings, Industry Institute Interactions, extension sessions, industry internships and industry projects. Even skill development is concentrating through academic with suitable changes in teaching learning process, curriculum and assessment and evaluation of students. MSSs CET has established Training & Placement Cell, Entrepreneurship Development Cell and Skill development Cell, Institution's Innovation Council for providing different platforms for skill development of students and faculty for improving the employability of students and to make them professionally capable.

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

Fundamental adequacy of MSSs CET is leadership and cultural heritage, honesty and integrity, freedom of thought and expression, social responsibility. All these core desirability's are the guidelines for energizing quality Indian knowledge system in the institute. Ethics, art and craft, cultural activities, motivational talks and different activities such as celebration of anniversaries of great leaders of India are organized for the integrated development of the students. Health camps, yoga day celebrations, blood donation camps, Voters day celebrations, teachers' day

celebrations, Constitution of India day celebration and many more extension and social activities are organized in the institute for inverting of students towards societal issues and for civilization of students. Annual sports and cultural function "Abhyudaya" is celebrated. Indian and regional culture is contemplated through various staging during these episodes and special attempts are put for the same. Active NSS unit of MSSs CET and SRC committee of MSSs CET organizes various activities promoting Indian ethos among students. College magazine "Smrutigandh" is published with three segments of Marathi, Hindi and English in order to encouraging regional language and for implementation of three language articulation.

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

MSSs CET has committed to have outcome based education and for every subject course outcomes are lay down and plotted with program outcomes. Based on mapping of CO and PO, distinct curricular activities are arranged. Departments have specified program specific outcomes also and CO's of the subjects are mapped with PSO. Outcome of assessment and evaluation of students through unit tests, assignments and course activities assigned, continuous assessment is used to measure course outcomes, as internal assessment tools. University examination performance of students is used as external assessment tools for CO attainment.

20.Distance education/online education:

At MSSs CET, after pandemic we are conducting Lectures & Practical's in hybrid mode whereas during pandemic all the academic activities are carried out with online mode. Google Meet and ZOOM, these two platforms were used mainly. Apart from this, Google class room and few other online platforms are used by faculty. Various ICT tools are also endorsed by faculty during teaching learning process. Use of virtual labs, virtual industry visits is uplifted in MSSs CET. Students are encouraged to join online courses on Swayam, MOOC, EDx platforms. MSSs CET library is also dedicated in reaching to students through distance and online education.

Extended Profile

1.Programme

1.1   07

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

File Description	Documents
Data Template	[View File]()

2.Student

2.1   **899**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File]()

2.2   **992**

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

File Description	Documents
Data Template	No File Uploaded

2.3   **166**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File]()

3.Academic

3.1   **62**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File]()

3.2   **56**

Number of sanctioned posts during the year

Extended Profile

1.Programme

1.1	07
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	899
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2	992
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	No File Uploaded

2.3	166
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	62
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	56

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	22
4.2 Total expenditure excluding salary during the year (INR in lakhs)	64.79
4.3 Total number of computers on campus for academic purposes	368

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

The MSS College of Engineering is affiliated to the Dr.Babasaheb Ambedkar Technological University Lonere(Dr.BATU Lonere) and approved by AICTE. It conducts four UG, two PG program in engineering and one management program affiliated to the Dr.Babasaheb Ambedkar Marathwada University Aurangabad(Dr.BAMUAurangabad). The Institute follows the curriculum approved by Dr.Babasaheb Ambedkar Technological University Lonere(Dr.BATU Lonere) & Dr.Babasaheb Ambedkar Marathwada University Aurangabad (Dr.BAMU). Before the commencement of every academic semester, the affiliating university gives a tentative academic calendar. Principal and Head of departments discuss and prepares the academic calendar of the institute which states beginning of semester, schedule for defaulter list, class tests, academic monitoring, internal term work submission, end of semester and different types of activities. Apart from the traditional chalk and talk teaching method, the teachers are encouraged to use power point

presentations,animations, NPTEL videos and also conduct field visits, industrial visits, surveys for content beyond syllabus. The description of effective implementation of the curriculum is stated as below: The academic load calculation is done by the head of department as prescribed in the curriculum stated by the affiliating university.

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

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

Institute adopts all the major reforms in curriculum, examination pattern and evaluation process prescribed by the affiliated university. The syllabus and evaluation scheme are revised by Dr.Babasaheb Ambedkar Technological University Lonere (Dr.BATU Lonere) & Dr.Babasaheb Ambedkar Marathwada University Aurangabad (Dr.BAMU) periodically. Institute makes reforms in CIE, according to the reforms made by the university. In earlier syllabus, examination pattern consisted of 20 Marks for Internal assessment based on Class Test and 80 Marks for Theory examination along with assessment of subject based on internal Term work and also for subjects based on External Practical Examination which is evaluated by External Examiners. There is also internal assessment for seminars and projects as prescribed in the curriculum of the University for Individual Department. The Dr. B.A.M. University has introduced Choice Based Credit System (CBCS) from the year 2016-17. In CBCS based curriculum, Elective subjects are offered for Third Year students which were previously only offered to final year students. The concept of Open Elective is available to final year students. Every department in the institute conducts class test at specified intervals which is integral part of internal assessment.

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

B. Any 3 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	**No File Uploaded**

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

22

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)

13

File Description	Documents
Any additional information	View File
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

543

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

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

1 Online workshop on Smart Girls 2 Workshop on Epert talk with teacher 3 Online webinar on International womens day 4 Online webinar on wome education and development 5 Percentage of Annual Power requirement of institutions met by renewable energy sources (52/110)100 47.27 A] MSS's College of Engineering Technology Max. Load Demand 110 KVA (Measured using power meter installed on DG set) B] MSS's College of Engineering Technology Solar PV capacity Share 52 KVA 7.1.3.1 Annual Power requirement of institutions met by renewable energy sources (in KWH) 46987 KWH 6 The code of conduct for the institute has been revised on 23/01/2021.In order to make sure that proper implementation of policies, code of conduct has been made available to each stakeholder. Meetings of Principal, , HoDs are being conducted periodically. HoDs have been conducting meetings with all the faculty members on weekly basis. A general meeting of all the staff members is being conducted preceding to every semester start.

File Description	Documents
Any additional information	View File
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

07

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

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

330

File Description	Documents
Any additional information	View File
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

A. All of the above

**from the following stakeholders Students
Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	**Nil**
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	View File

1.4.2 - Feedback process of the Institution may be classified as follows   **B. Feedback collected, analyzed and action has been taken**

File Description	Documents
Upload any additional information	View File
URL for feedback report	**Nil**

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

125

File Description	Documents
Any additional information	**No File Uploaded**
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

51

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 institute conducts induction program for freshly admitted students in the institute every year, in which basic knowledge of core engineering branches and information about every department is given by Principal and every head of department to the students and their parents. After the program there is free discussion sessionarranged for parents and students, which is followed by detailed visits to each department. Before commencement of every course the faculty gives introduction about the course curriculum and completes the pre requisite part of each course. During the academic tenure of the students their learning levels are basically identified by the institute using two approaches: 1.Class test and its analysis 2.Examination Result of Previous Exams Depending upon this, slow learners and advanced learners are identified. Strategies for Slow learners are as stated below: Remedial Classes are planned and conducted for slow learners which is followed by improvement test for them which increases their academic performanceExpert lectures, guest lectures and extra classes are conducted Extra learning notes and material such as NPTEL Videos, E-books, PPT's, Animations are available in the Library database which are accessible through intranet within college campus.

File Description	Documents
Paste link for additional information	**Nil**
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
899	**62**

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

To make learning more student centric different activities are carried out at departmental level such as Assignments, Tutorials, Mock tests, seminars, workshops, industrial visits, surveys and different competitions. To enhance learning experience of the students Institute has adopted following methods: Experiential Learning: Inplant training for students at the end of every semester is conducted by Training & Placement Cell Every department conducts Industrial Visits and site visits for more practical exposure Various Workshops and seminars are conducted by expert faculty orindustry person Mock group discussions and personal interviews are conducted so that student get prepared for placement drives Online Aptitude test are conducted by institute Participative Learning: Every department has working and active student association which conducts different competitions like poster competitions, technical events and quiz competitions etc The institute also promotes students to participate in National, International and other competitions organized at different colleges across the region and information about the same is conveyed to students through departmental and college Notice Board Students participate in different project competitions like Bharat Formula Karting, Student Kart Design Challenge, Avishkar etc.Problem solving Methodologies: Final year students takes up industrial project to solve real time problems of industries.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	**Nil**

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

Apart from the traditional teaching method of chalk and talk, the institute encourages and promotes thefaculty to go for Faculty development Programs, Short term training programs, and use ICT resources such as NPTEL videos, Power point presentations,

animations etc to inculcate creativity in teaching. Institution nurtures creativity among the students to transform them into lifelong learners and innovators. Following are the implemented strategies for innovation and creativity in teaching-learning: Institute organises the events like paper presentation, art exhibitions, software development competitions, poster competitions etc. which offers a platform for students to express their creativity and soft skills. Institute also encourages and guides students to participate in prestigious competitions organised by various Institutes, recognised bodies and industries. The Students participate in various Massive Open Online Courses (MOOC) like NPTEL, EDX etc The students prepares and delivers seminars on recent innovations and trends in technologies at every department The Students participates in various technical quiz and technical events organized by department associations, college and other organizations.

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

56

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

62

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

0

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

62

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 maintains complete transparency in the internal assessment of student. Institute evaluates Theory Assessment (20 Marks) and Term work, Practical and Oral Examination. The Theory Examinations (80 Marks) are conducted and evaluation is done by the university. For internal assessment of student's class test performance, regularity of the student (attendance) both in theory and practical are taken into account along with overall performance of the student. Students' attendance is maintained regularly by every faculty. At the End of each month attendance list of the students are displayed on departmental notice board. For internal evaluation, Institution conducts two unit tests per course per semester. Two unit testanswer papers are shown to the students to address their grievance in the assessment if any. Evaluation of laboratory sessions, project work and assignments is done rigorously by every faculty on regular basis. For the final year students, a Project and seminar is evaluated through presentations and demonstrations. The transparency in term work assessment is ensured by informing the student about assessment process in the beginning of the semester.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	Nil

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

The institute has adopted fair and transparent process for the evaluation of student prescribed by the Dr.B.A.T.University Lonere & Dr. B.A.M. University Aurangabad. Institute follow the scheduleas given by the affiliating university to solve examination related grievances. Institute has appointed Chief Superintendent of examination as per directives by the affiliating university who looks after all the ongoing examination related grievances like paper redressal, revaluation etc. The Theory Examinations (80 Marks & 60 Marks) are conducted and evaluation is done by the university CAS centres. The masking of answer books are done so that the assessors are unaware about the exam seat no and other details of students. This is totally secure and transparent system. After the result of examinations, Students can apply for a photocopy of the answer sheet and revaluation of answer books of university end semester examination as per the procedures of the Dr. B.A.M. University. After receiving photocopies, the students can cross check the papers with

concerned staff member and if student is not satisfied about its assessment, he/she may apply either for rechecking or revaluation. The application is forwarded to the University for Necessary Action.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

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

The institute has recently adopted steps towards outcome based education. Every department has defined Program outcomes, Program educational objectives and Program Specific outcomes. Same is displayed on notice board and institute website. At the end of every semester, faculty evaluates their course outcomes by considering formats given for assessments. Every department maintains the mapping of course outcomes to program outcomes. All faculty members prepare detailed lesson plan with clearly stated outcomes. They also map their course outcomes to the program outcomes. Each and every test or assignment is also mapped with the COs satisfied. CO attainment for subjects is calculated using an excel tool provided by IQAC. The progress of the students in the form of test marks, assignments, quiz etc. is mapped with the course outcomes (CO).

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	**Nil**
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.

IQAC has provided a format for calculating the course outcome attainment. At the end of every semester, faculty evaluates their course outcomes by considering formats given for assessments. Every department maintains the mapping of course outcomes to program outcomes. All faculty members prepare detailed lesson plan

with clearly stated outcomes. They also map their course outcomes to the program outcomes. Each and every test or assignment is also mapped with the COs satisfied. CO attainment for subjects is calculated using an excel tool provided by IQAC. The progress of the students in the form of test marks, assignments, quiz etc. is mapped with the courseoutcomes (CO). The result of Internal Assessment is analysed and mapped with the Course Outcomes. This enables faculty to adopt any remedial action. The Final Theory Exam is also taken into consideration for attainment of Course Outcomes.

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

2.6.3 - Pass percentage of Students during the year

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

147

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	Nil

2.7 - Student Satisfaction Survey

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

https://docs.google.com/forms/d/1pAYnRjGzL33lfXNqpo9XLFvubyKUkvLreEA_H-NHNd8s/viewform?gxids=7757&edit_requested=true

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)

01

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

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

02

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

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
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

The Institute has established an incubation centre to enable its students get first-hand experience in entrepreneurship, promote innovation driven activities at the institute and provide comprehensive and integrated range of support including space, mentoring, training programs and other benefits. Through the incubation centre, students gain hands-on experience in innovation and entrepreneurship while being nurtured and encouraged by faculty, management and industry experts. Physical Facilities includes fully furnished Office Space, Meeting room, and Office productivity equipment like Photocopier, Scanner, Projector, and Access to Innovation, Design Centre and Labs Equipment and software tools. Along with this the students also have Advisory and coaching, Mentoring, Trainings and workshops, Free advisory from Experts etc. The students have taken up innovation project on MSME Live sponsored by MASSIA (Marathwada Association of Small Scale Industries & Agriculture) like development of innovative mechanism for cardboard / paper recycling system, system to monitor the execution of customer orders, Design and Manufacturing of solar cooking cart etc.The student also participated in AVISHKAR (State Level inter University Research Competition).

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

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

4

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

0

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

39

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

0

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

It is our mission to impart Social, Ethical and Environmental Awareness among the students. Our extension activities are crafted to achieve the same. Extension activities groom the students for overall development. It teaches them to be socially responsible hence resulting them to be good citizens. It inculcates qualities in the students like empathy, leadership, team building, communication, responsible social behaviour etc. Objectives of the extension activities are as follows: Increase communication with underprivileged sections of society to understand their problems To use technology and expertise to address their problems To use young minds and their efforts to improve the standard of living of the society Create awareness among society to save natural resources Contribute to societal needs through activities like supporting blood donation camp The institute has active National Service Scheme (NSS) unit which plans and implements events to achieve above objectives. Besides this, there are groups like Young Inspirators Network (YIN) and active student association of various departments for the same.

File Description	Documents
Paste link for additional information	Nil
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

2

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

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

20

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

423

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

64

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

16

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.

Institute has developed the infrastructure as per the norms of AICTE, University and State Government. The experts from the regulatory authorities regularly monitor and visit the Institute. This enables the Institute to ensure the infrastructure adequacy and optimum use for academic growth. Institute has aesthetically constructed infrastructure for its academic, administrative, and support facilities. For the conducive academic and energetic environment the new building has constructed aesthetically and developed the class rooms, labs, tutorial rooms and seminar halls to meet the requirement of regulatory bodies and also for effective implementation of academics.An aesthetically constructed infrastructure with well furnished, well ventilated and well lit Classrooms,smart classrooms , computer laboratories , well equipped laboratories , seminar halls and Amphitheatre.The Institute has a workshop which consists of different facilities for mechanical based practicals like machine, fitting, carpentry, welding, black smithy etc. Institute has spacious and wellfurnished library with reading room, digital library, e-journals, print journals and e-resource facilities like DELNET, Amenities and facilities such as students activity centre, well maintained lawn, biotechnical garden, ramp facility for physically challenged, CCTV surveillance at all strategic locations

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 Institute promotes cultural and sports events which provides platform for the students to show their talent, skills and responsibility leading to holistic personality development. The college have the following Sports and Cultural facilities: Facilities for Outdoor Games: Cricket, Football, Kho-Kho,Volleyball, Kabbadi Facilities for Indoor games: Table tennis, Chess, Carrom Cultural activities: Open Air Theatre (Amphitheatre)

The institute also has gym and other sports facilities at the parent institution which is accessible to all the students of the institute. The student's sports and cultural committees are actively involved in organising different events. The students participate in various institute level and university level events like ASHWAMEDHA, SRUJAN, annual social gathering Abhyudaya, Ran Sangram, Ras Dandiya, Shiv Janmotsava, Engineering Teachers Day, Art Exhibition, Rangoli Competition, Days celebration during gathering, Picturesque, Bird Utsav etc. Sports activities organised by the institute: Gully Cricket – Team of 7 with 4 boys and 3 girls participate for cricket match with small ground and distinguished rules Volley ball tournament, Kabbadi, Kho-Kho as outdoor games Chess, Carrom, Table Tennis as indoor games with single, doubles and mix doubles participants allowed. Cultural activities organised by the institute: Dance Competition – Solo, Group, Western, Lok Kala Nritya etc Drama and Skit – Solo, Group, MIME Singing Competition – Solo, duets Road Shows and plays Sangeet Mehfil – Poetry Competition Fashion Show etc

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

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

06

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)

61.97

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
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)

Institute has well equipped, spacious, properly and systematically managed library with reading room attached having separate section for boys and girls having carpet area of 430.12 Sq. m. The Library has rich collection of engineering and management books including various journals, magazines, local and national newspapers and online reference for students and staff. The Institute uses Software for University Libraries (SOUL) version 2.0 as integrated library management software designed and developed by the Information and Library Network (INFLIBNET) Centre, Gandhinagar which is an Autonomous Inter-University Centre (IUC) of University Grants Commission (UGC) of India.Majority of staff and students are registered to National Digital Library and have access to its resources. Digital Library has a stock of NPTEL lecture series. The Library has access to ejournals like IEEE, Springer, Science Direct, ASCE, Wiley Computer, J-Gate, DELNET etc. The Library has Remote access to e- Shodhsindhu via Dr. B.A.M. University for facilities of e-books, databases, e-journals etc. The Library has book bank facilities for SC/ST students as well as 5 topper students of each branch. Library facility is open to all students and faculty members and is continuously updated with latest books and journals.

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

4.2.2 - The institution has subscription for the   B. Any 3 of the above

following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
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)

5

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

100

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

IT has forever changed the world we live in and in today's era

they hold too much importance. Taking into consideration the institute always take positive initiatives to adhere with the recent trends in IT. To fulfil the norms of AICTE and University, the institute has 418 computers all together for students and other faculties with high configuration such as Core I5 processor, 4 GB Ram, 1 TB HDD. Every department has its own computing facilities and all the computers are connected in LAN and have high speed internet connectivity with Lease Line and Broad Band connectivity.The Institute has number of academics related software such as MATLAB R14.5, CREO 2.0, Oracle, MS Operating System software such as Windows 10.0, Windows 8.0, Windows 7.0, Windows Server R2 etc.The Institute also promotes and uses Open source and free softwares such as UBUNTU 14.0 OS, Red Hat6.0, Endian Firewall, Android Development Toolkit, JAVA, Star UML, Net Beans 8.2 IDE, MySQL Server, PHP, XAMP Server etc. The Institute has Computer Centre with 100 computers having high configuration and internet connectivity for interrupted usage open for all students and staff.

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

4.3.2 - Number of Computers

368

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

B. 30 - 50MBPS

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

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)

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
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 separate cells for maintenance and upkeep of the infrastructure, facilities and equipment and have their standard operating procedure. The Institute has Building Maintenance committee that monitors the maintenance of infrastructure and facilities. For major civil work the management representative and committee decides the course of action. The Institute has Computer maintenance committee who overlooks the maintenance and upkeep of the equipment and computer facilities. The activities related to maintenance of electrical fittings, public address system, diesel generator (DG) etc. are supervised and done by Institute's Electricity and Electrical maintenance committee. Lab Incharge along with the lab assistant is appointed for respective laboratories. They monitorthe smooth working of the equipment's in the labs and get them repaired as per requirement. The calibration of concern equipment is undertaken periodically as per requirement by the respective departments. The maintenance and housekeeping of the classrooms, laboratories, library, and the institute are taken care by nonteaching staff. The cutting, cleaning, watering, soiling etc. activities in the garden is taken care by the gardener of the institute. Team of dedicated staff looks after the cleaning and sweeping of the passages, classrooms, washrooms, surroundings etc. The office staff monitor's their work and maintenance issues.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

993

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

973

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	**Nil**
Any additional information	<u>View File</u>
Details of capability building and skills enhancement initiatives (Data Template)	<u>View File</u>

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

493

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

493

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

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

B. Any 3 of the above

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

110

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

7

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

0

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	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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 Institute has an active student council. The Student Council carries out various student welfare activities throughout the year. The selection of students in student's council is carried

out by the respective Head of department along with the help of faculty coordinators. The Selection for core committee member is based on criteria such as previous working experience in the committee, good academic record, good communication skills, good public relations etc. Interviews of the aspirants are conducted to finalise the members. Approval of selected committee members are validated by the Principal. Faculty and students are involved in coordinating the selection process. The activities are funded by the college and also from sponsorships received. Besides this The Institute has various academic and administrative bodies that have student representatives on them such as T&P, IQAC, Library, DAB, Student Grievance Committee, Class Representatives, Alumni Association, Various professional bodies, Anti Ragging Committee, Departmental Student Associations etc. These Committees and cells organises various activities and competitions for the specialised interest of students.

File Description	Documents
Paste link for additional information	Nil
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

390

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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 Institute has registered the Alumni Association in the year 2019, previously also the Alumni Association existed unregistered but functional under which Alumni meet and other activities used to be conducted at institute level. The Alumni's contributed to the association which was utilized for the development of students such as providing funds for sports teams of various department for different sports events, donated books in the institute library, arranged lecture and expert industry talks for respective departments. The interactions with Alumni's have provided invaluable feedback for improvements, and have helped in the development of the Institute.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)   **D. 1 Lakhs - 3Lakhs**

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

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision: "To be a Premier Institute in the Region which develops Competent Engineers and Managers, capable of Leading Team with Social, Ethical and Environmental values" Mission: Imparting Quality Education through best Academic Practices Enabling the students to develop Practical Skills through Laboratory Experimentation and Technical, Managerial, Research and Innovative Projects Developing Managerial and Leadership Competence amongst the students through Industry Institute Interaction and Co-Curricular activities Imparting Social, Ethical and Environmental Awareness among the students through Extra- Curricular activities Quality Policy: "We at MSSCET, Jalna are committed to develop

Engineers & Managers through Best Teaching Learning practices with team spirit. Our students and Teachers are enabled to Excel in the Technical & Industrial field with Values of Life and participate in Nation building. We also commit for continuous improvement in Skills, System, Infrastructure and Services to satisfy all the Stakeholders" The top management of the Institute comprises of Governing Body (GB), LMC, Principal, HODs, Incharges of various committees and IQAC. They play significant strategic role in the evolutionary process of transformational initiatives of the institute. The Institute believes in promoting a culture of delegation of powers through strategic policies.

File Description	Documents
Paste link for additional information	Nil
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 system is effectively decentralized for a better governance and performance. The strategic plans and major decisions relatedto academic and administrative tasks are thoroughly discussed in the Governing Council meeting. The decisions taken are executed by the Head of the institution. The Heads of the Departments and the faculty members ensure proper implementation of the policies given by the Governing Council. Decision making authority is well decentralized in this system. The Management gives autonomy to the Principal to execute the strategic plan in order to fulfil the Vision and Mission of the institution. Heads of the Departments are delegated with department level authority and operational autonomy but take important decisions with Principal's endorsement. Mostly, Heads of the Departments along with faculty members actively govern and administer the department. The Heads of the Departments also conduct meetings periodically and the academic activities are planned as per the academic schedule. Also, the Principal organizes regular meeting of all faculty members with Heads of the Departments periodically to review the academic related matters. All other administrative tasks are carried out under the control of Administrative officer.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	[View File](#)

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

An Engineering institution requires high level of goals with long range of planning and strategies to accomplish the Vision and Mission, which it dreams of Strategic planning is a continuous process with a specific focus on accomplishing short, mid and long term goals in this highly competitive era. Strategic Development Plan (SDP) analyses current environment expected future scenarios and predicts the direction towards which the institution should move to achieve its set goals and objectives. The first part of SDP addresses vision, mission and working on bringing out a good quality policy along with core values. These are achieved through many deliberations with all the stake holders (management, leadership, HODs, faculty, staff, industry, students and parents). Scientific scanning of internal and external environment is done through SWOC analysis. After scanning the environment, institutional goals were set up and strategies to achieve them are arrived at for the institution. Asa good practice, inputs are drawn from stake holders through active participation and collective inputs. The SDP will stream line the processes and progress of the institution, it will also ensure that MSS's CET becomes a torch bearer among technical education institutions at National and Asia-pacific level by 2023.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	**Nil**
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.

Matsyodari Shikshan Sanstha's College of Engineering and

Technology well established organizational structure designed at central level to have proper communication mechanism and smooth functioning of administrative and academic processes.College Development Committee includes representatives of members of sanstha, Principal, three members elected from teaching faculty and one member of nonteaching staff.We at MSS's College of Engineering and Technology follow the prescribed service rules and regulations by AICTE, DTE and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Recruitment procedure of the college can be simply bifurcated into two types; firstly the UGC recruitmentfor which the recruitment advertisement is published in National level newspaper and on college website also and applications are invited, committee from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on given date conducts the interview and appointments are given to selected candidates by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad itself; secondly college receives applications from various eligible candidates on regular basis as and when need arises, college through advertisement on website and news in local paper calls for interview on ad-hoc basis and appointments are given same. College runs promotional policies under various heads; for faculties college provides with half fees and ODL for attending conferences, and FDP's.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
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

We at Mss providing social security in the form of provident fund and group insurance to all the employees. We have sufficient number of women faculties to whom we provide maternity leaves benefits under social security scheme to the beneficiaries. We have been providing medical emergency help to teaching & Nonteaching staff. As far infrastructure facilities concern we have Wi-Fi campus, reprographic facilities, central stores, good nutritious food in the cafeteria with RO System fresh drinking water facilities for the employees. CCTV's facility at strategic location. We have women's redressal grievance cell, look after all the issues related to women. Institution follows strict code of conduct and zero tolerance policy related all the staff. We have very hygienic, eco-friendly having trees and green lawns for feel good ambience as a whole the institution. A uniform for the teaching and non-teaching staff (security person & Peon) has been maintained as a code of discipline. As a safety measures we haveinstalled fire extinguishers at the important places of the institutions. Compensatory off, restricted holidays for celebrating regional festivals. Regular get together and festival advances to class IV employees (on request).

File Description	Documents
Paste link for additional information	**Nil**
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

06

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

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

300

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

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

We follow the performance based appraisal system for faculty and nonteaching staff. Annual selfassessment is done by every faculty to find out his/her strength and weaknesses. For this, the selfappraisal form is designed by the Institute that consists of:Teaching Performance Department Level Activities & responsibility Institute Level Activities & responsibility Number of Papers published in Journals and Conferences Number of STTP's attended Number of workshops / FDP's attended The form is designed to enable overall evaluation of the faculty. A meeting is held with individual faculty by Principal and HOD to discuss the filled form. The faculty are appreciated for excellence in performance and also asked to improve in areas they lag. This ensures transparency in evaluation and improves accountability of the staff.

File Description	Documents
Paste link for additional information	**Nil**
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

The institute has a keen strategy to conduct the internal and external audit every financial year. The internal audit of

expenditure is conducted by our office account department, which
is then audited by charted account, the internal audit team checks
all the account, vouchers, leave records etc and submitted to the
principal. The external audit team conduct annual audit of the
institute and issue the audit reports. Finalization of the account
and audited statements are prepared which is duly signed by the
Principal, and chartered accountant. Then audited report is
submitted by chartered accountant. No major objections are found
in the audit by the statutory auditors and minor audit suggestions
are compiled as per procedure.

File Description	Documents
Paste link for additional information	**Nil**
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	[View File](#)
Any additional information	[View File](#)
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	[View File](#)

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

The college has a well-planned 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.Before the financial
year begins, Principal, Heads of Departments prepare the college
budget. College budget includes recurring & non-recurring expenses
such as salary, electricity and internet charges, equipment and
facilities, maintenance cost, stationery and other consumable etc.
It includes planned expenses such as purchase of lab equipment,

consumables, patent, industrial visit, student association expenses, conferences/ STTP/FDP and other development expenses. The major source of the funding is Tuition fee from students, besides conduction of various off-line & online examination of competitive nature. The optimal utilization of fund is as given below: For salary, arrears, & welfare measures. For infrastructure development and academics. For purchasing of equipments and software. For research and development. For conduction of Curricular, Co-curricular, Extra-curricular activities. For purchasing the new book Financial support for attending conferences, workshops, FDP etc. Financial support is also provided for participation of students at various national and international level events like Go-Kart

File Description	Documents
Paste link for additional information	Nil
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

The Institute has established IQAC in July 2017. The IQAC is responsible for devising measures to improve quality in all facets of the institution and for streamlining the procedures already in existence. Two practices institutionalized as a result of IQAC initiatives are updation of Teacher Guardian Scheme and introduction of Pre Submission Card. 1. Teacher Guardian Scheme As most of the students admitted to the institute come from rural region, they face many problems in understanding the concept of Engineering education hence academic progress is not so good. So to increaseacademic performance of students by personal counselling and to encourage students participate in curricular, co-curricular and extra-curricular activities for holistic development the Teacher Guardian Scheme was adopted in the institute four years ago. 2. Pre Submission Card It's a general practice that after all the teaching and learning activity the student go for internal submission process before end of individual semester and commencement of university examinations. But during the hectic schedule of teaching learning and other activities which regularly are organised by the institute or individual department, there are certain activities that every student must do to achieve soundness in academics and their

holisticdevelopment.

File Description	Documents
Paste link for additional information	Nil
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 provides suggestions for improvement of the Institute in areas related to teaching-learning, cocurricular, environment, and extension activities of the Institute. IQAC has organised workshops and training programs on pedagogy, accreditation etc. The IQAC has been instrumental in improving the use of ICT by faculty. IQAC also conducts an internal audit of course files andhas recently started to made efforts towards implementing outcomebased education. The two examples of implementation of teaching learning reforms are use of ICT by faculty and introduction of MOOC and online test series. 1. Use of ICT by faculty After the load distribution in the beginning of every semester the faculty prepares his individual course plan and execution. To enhance the ICT based educational practices the IQAC has given additional format for ICT based course plan in which the faculty need to specify which units or topics in the syllabus are covered with the help of ICT tools such as PPT's, NPTEL Videos, Animations, Webinars, online links etc. 2. MOOC and Online Test Series To promote global education culture the IQAC has started the activity that every student must at least go for one MOOC course per semester. The MOOC provides a chance of distance education with the best institutes in the world that too free of cost. Many MOOCs have communities that have interactive sessions and forums between the student, professors and Teaching Assistants (TAs) along with the study/course material and video lectures.

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

6.5.3 - Quality assurance initiatives of the   **C. Any 2 of the above**

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)

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	[View File](#)
Upload any additional information	[View File](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View File](#)

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

We at MSS College of Engineering and Technology have strict security at entrance for all the people. The security guards are present 24x7 in the campus.The institution has taken numerous safety and security measures in the campus. 96 CCTV cameras have been installed at prominent places in the campus, including main gate, important corridors, Library, workshop, cafeteria.Specific rules and regulations about the timings, visitors etc are followed in boys and girls hostels. The appointed warden takes care of all the requirements, problems, rules and regulations, in the hostel.The college has a Women grievance Cell (WGC) / Internal Compliance Committee and Vishakha Samiti, which deals with the safety and security of girl students and female staff in the campus. These committees also organize activities to motivate, strengthen and spread awareness about health, nutrition, etc. among the females in the campus. Not a single case of eve teasing, misbehaving or any other ever happened in the institute.

Counselling: Counselling of students is carried out under the Women Grievance Cell (WGC) or Internal Complaint Committee (ICC)

and Vishakha Samiti. These committees have been formulated to deal with issues related to gender bias, promote gender sensitivity and educate male and female members regarding gender equality.

File Description	Documents
Annual gender sensitization action plan	Nil
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	Nil

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Solid waste management: The main objective of the solid waste management system in the campus is to promote the Environment Management and Conservation in the College Premises. The Institute have good solid waste management in the Campus. The solid waste is collected in the dustbins and then segregated at source. If solid waste is decomposable then it is dump into the pit and remaining is given to external agency for recycling. The dry waste bins are also placed in laboratories, library, classrooms, etc. Composting methods adopted by the institute for tree droppings, lawn management and kitchen/Food waste through wet dust bins placed in college premises. Old newspapers, used papers and journal files etc. are given for recycling to external agencies after frequent intervals. Scrap from the workshop is used to manufacture various articles like paper weight, drawing boards, etc. The remaining

scrap is sold out to external agencies.

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: **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	View File
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

B. Any 3 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	View File
Any other relevant information	View File

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

B. Any 3 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	View File
Details of the Software procured for providing the assistance	View File
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).

1.Institute is well known for its endeavour towards academic excellence but also because of its HR policies of empathy, societal consciousness, and harmonious relationship with its ambient culture and sensitivities. 2.Faculty / Staff Members and the students of the Institute have an all India mix and they celebrate each others' festivals. 3.Linguistic differences are assimilated by ensuring a common professional language like English during working hours. 4.Communal divides are rare. The Institute has a robust and longstanding commitment to its social responsibilities. The NSS Cell has undertaken many a socially responsible drive in the areas of charity initiatives towards the underprivileged in society.1.Institute is well known for its endeavour towards academic excellence but also because of its HR policies of empathy, societal consciousness, and harmonious relationship with its ambient culture and sensitivities. 2.Faculty / Staff Members and the students of the Institute have an all India mix and they celebrate each others' festivals. 3.Linguistic differences are assimilated by ensuring a common professional language like English during working hours. 4.Communal divides are rare. The Institute has a robust and longstanding commitment to its social responsibilities. The NSS Cell has undertaken many a socially responsible drive in the areas of charity initiatives towards the underprivileged in society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
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

1.The Institute is fully aware of its noble role as architect of India's generation next. The Institute is committed to the philosophy espoused by the Indian Constitution, in word and spirit. 2.A copy of the Constitution Preamble is preserved in the reception of Main office building to ensure the expression of the value the Institute puts on it. 3.On Constitution Day, Institute renews its pledge to the Constitution by repeating aloud, word for word, the Preamble. 4.Institute focuses on installing a sense of responsibility in its students towards the Constitution through

various efforts some notable being New India Pledge taking
ceremony on Republic Day and Independence Day.

5.World Environment Day is celebrated every year with great
enthusiasm by planting trees in campus.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	Nil
Any other relevant information	Nil

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

B. Any 3 of the above

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	View File
Any other relevant information	View File

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

All Jayantis, Punya-tithis, National and International Days,
National Festivals, etc is celebrated by the Institute. Institute
conducts Jayanti and Punyatitithi of great leaders like Mahatma

Gandhi, Dr. A.P.J.Abdul Kalam, Sardar Vallabhbhai Patel, Dr. Bhimrao Ambedkar, Chatrapati Shivaji Maharaj Jayanti, Dr.Sarvepalli Radhakrishanan, Dr. Mokshagundam Vishveshwarayya,Indira Gandhi, Lal Bahadur Shastri, etc with great enthusiasm. The Institute celebrates Teachers Day and Engineers day collaboratively in open air theatre. The eminent personalities are called for this program to encourage and motivate the students. Also Institute celebrates Chatrapati Shivaji Maharaj Jayanti with full enthusiasm and for this event Shivvyakhate is called for sharing their views.

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	View File
Any other relevant information	View File

7.2 - Best Practices

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

Karmayogi Ankushraoji Tope Fee Waiver Scheme (K.A.T.F.W.S) Objectives of the practice: To provide financial support to students belonging from economically weaker section of society for pursuing their Higher and Technical Education The Context: The Institute is located in the rural vicinity of Jalna city, which is one of the cities in the Marathwada Region facing severe Draught conditions from past seven to eight years. The Aim of Visionary Ex. President and Founder of Matsyodari Shikshan Sanstha, Hon'ble Late. Adv. Ankushraoji Tope, was that despite of financial incapability, every child especially belonging to rural region should get education in his interested field Title of the Practice: Teacher Guardian Scheme (TGS) Objectives of the practice: To increase academic performance of students by personal counselling To encourage students participate in curricular, co-curricular and extra-curricular activities for holistic development The Context: Most of the students come from Rural region and they face many problems in understanding the concept of Engineering education hence academic progress is not so good Students need personal attention and encouragement for academic, co-curricular and sports activities. The Practice: Every Teacher

Guardian isassigned a group of 15 to 20 students The TG conducts meet twice in a month to discuss several issues related to personal, academic, social etc.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The vision of our college is, "To be a Premier Institute in the Region which develops Competent Engineers and Managers, capable of Leading Team with Social, Ethical and Environmental values". Coping up with the vision we at MSS's CET are continuously committed to uplift the educational standards in the instituteby conducting number of activities. The Sanstha has been awarded "ADARSH SHIKSHAN SANSTHA" by the Government of Maharashtra. As most of our students come from rural region, we are clearly aware of their social and economic situation and hence to make them competent, we have started number of practices in Teaching and learning that ultimately results in the achievement of desired aim for our student. While describing the distinctiveness of the college the Teaching Learning activity i.e. The Pre-Submission Card is practised at our institute.Pre-Submission card is the printed card with following mentioned details: Library registration NDL registration Class Test Record Verified Online Aptitude Test Feedback Mechanism Given Online MOOC Courses details The Teacher Guardian is solely responsible to motivate and guide the students to complete the set of activities mentioned in the card before actual commencement of submission process for the respective semester. The student need to complete all said set of activities in the Pre-Submission card thereupon is permitted for actual term submission of the semester.

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

The MSS College of Engineering is affiliated to the Dr.Babasaheb Ambedkar Technological University Lonere(Dr.BATU Lonere) and approved by AICTE. It conducts four UG, two PG program in engineering and one management program affiliated to the Dr.Babasaheb Ambedkar Marathwada University Aurangabad(Dr.BAMUAurangabad). The Institute follows the curriculum approved by Dr.Babasaheb Ambedkar Technological University Lonere(Dr.BATU Lonere) & Dr.Babasaheb Ambedkar Marathwada University Aurangabad (Dr.BAMU). Before the commencement of every academic semester, the affiliating university gives a tentative academic calendar. Principal and Head of departments discuss and prepares the academic calendar of the institute which states beginning of semester, schedule for defaulter list, class tests, academic monitoring, internal term work submission, end of semester and different types of activities. Apart from the traditional chalk and talk teaching method, the teachers are encouraged to use power point presentations,animations, NPTEL videos and also conduct field visits, industrial visits, surveys for content beyond syllabus. The description of effective implementation of the curriculum is stated as below: The academic load calculation is done by the head of department as prescribed in the curriculum stated by the affiliating university.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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

Institute adopts all the major reforms in curriculum, examination pattern and evaluation process prescribed by the affiliated university. The syllabus and evaluation scheme are revised by Dr.Babasaheb Ambedkar Technological University

Lonere (Dr.BATU Lonere) & Dr.Babasaheb Ambedkar Marathwada University Aurangabad (Dr.BAMU) periodically. Institute makes reforms in CIE, according to the reforms made by the university. In earlier syllabus, examination pattern consisted of 20 Marks for Internal assessment based on Class Test and 80 Marks for Theory examination along with assessment of subject based on internal Term work and also for subjects based on External Practical Examination which is evaluated by External Examiners. There is also internal assessment for seminars and projects as prescribed in the curriculum of the University for Individual Department. The Dr. B.A.M. University has introduced Choice Based Credit System (CBCS) from the year 2016-17. In CBCS based curriculum, Elective subjects are offered for Third Year students which were previously only offered to final year students. The concept of Open Elective is available to final year students. Every department in the institute conducts class test at specified intervals which is integral part of internal assessment.

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	B. Any 3 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	No File Uploaded

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

22

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)

13

File Description	Documents
Any additional information	View File
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

543

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	**No File Uploaded**

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human

Values, Environment and Sustainability into the Curriculum

1 Online workshop on Smart Girls 2 Workshop on Epert talk with teacher 3 Online webinar on International womens day 4 Online webinar on wome education and development 5 Percentage of Annual Power requirement of institutions met by renewable energy sources (52/110)100 47.27 A] MSS's College of Engineering Technology Max. Load Demand 110 KVA (Measured using power meter installed on DG set) B] MSS's College of Engineering Technology Solar PV capacity Share 52 KVA 7.1.3.1 Annual Power requirement of institutions met by renewable energy sources (in KWH) 46987 KWH 6 The code of conduct for the institute has been revised on 23/01/2021.In order to make sure that proper implementation of policies, code of conduct has been made available to each stakeholder. Meetings of Principal, , HoDs are being conducted periodically. HoDs have been conducting meetings with all the faculty members on weekly basis. A general meeting of all the staff members is being conducted preceding to every semester start.

File Description	Documents
Any additional information	View File
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

07

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

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

330

File Description	Documents
Any additional information	View File
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	Nil
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	View File

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

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

125

File Description	Documents
Any additional information	No File Uploaded
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

51

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 institute conducts induction program for freshly admitted students in the institute every year, in which basic knowledge of core engineering branches and information about every department is given by Principal and every head of department

to the students and their parents. After the program there is free discussion sessionarranged for parents and students, which is followed by detailed visits to each department. Before commencement of every course the faculty gives introduction about the course curriculum and completes the pre requisite part of each course. During the academic tenure of the students their learning levels are basically identified by the institute using two approaches: 1.Class test and its analysis 2.Examination Result of Previous Exams Depending upon this, slow learners and advanced learners are identified. Strategies for Slow learners are as stated below: Remedial Classes are planned and conducted for slow learners which is followed by improvement test for them which increases their academic performanceExpert lectures, guest lectures and extra classes are conducted Extra learning notes and material such as NPTEL Videos, E-books, PPT's, Animations are available in the Library database which are accessible through intranet within college campus.

File Description	Documents
Paste link for additional information	Nil
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
899	62

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

To make learning more student centric different activities are carried out at departmental level such as Assignments, Tutorials, Mock tests, seminars, workshops, industrial visits, surveys and different competitions. To enhance learning experience of the students Institute has adopted following methods: Experiential Learning: Inplant training for students

at the end of every semester is conducted by Training & Placement Cell Every department conducts Industrial Visits and site visits for more practical exposure Various Workshops and seminars are conducted by expert faculty orindustry person Mock group discussions and personal interviews are conducted so that student get prepared for placement drives Online Aptitude test are conducted by institute Participative Learning: Every department has working and active student association which conducts different competitions like poster competitions, technical events and quiz competitions etc The institute also promotes students to participate in National, International and other competitions organized at different colleges across the region and information about the same is conveyed to students through departmental and college Notice Board Students participate in different project competitions like Bharat Formula Karting, Student Kart Design Challenge, Avishkar etc.Problem solving Methodologies: Final year students takes up industrial project to solve real time problems of industries.

File Description	Documents
Upload any additional information	[View File]()
Link for additional information	Nil

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

Apart from the traditional teaching method of chalk and talk, the institute encourages and promotes thefaculty to go for Faculty development Programs, Short term training programs, and use ICT resources such as NPTEL videos, Power point presentations, animations etc to inculcate creativity in teaching. Institution nurtures creativity among the students to transform them into lifelong learners and innovators. Following are the implemented strategies for innovation and creativity in teaching-learning: Institute organises the events like paper presentation, art exhibitions, software development competitions, poster competitions etc. which offers a platform for students to express their creativity and soft skills. Institute also encourages and guides students to participate in prestigious competitions organised by various Institutes, recognised bodies and industries. The Students participate in various Massive Open Online Courses (MOOC) like NPTEL, EDX etc The students prepares and delivers seminars on recent

innovations and trends in technologies at every department The Students participates in various technical quiz and technical events organized by department associations, college and other organizations.

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

56

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

62

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

0

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

62

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 maintains complete transparency in the internal assessment of student. Institute evaluates Theory Assessment (20 Marks) and Term work, Practical and Oral Examination. The Theory Examinations (80 Marks) are conducted and evaluation is done by the university. For internal assessment of student's class test performance, regularity of the student (attendance) both in theory and practical are taken into account along with overall performance of the student. Students' attendance is maintained regularly by every faculty. At the End of each month attendance list of the students are displayed on departmental notice board.For internal evaluation, Institution conducts two unit tests per course per semester. Two unit testanswer papers

are shown to the students to address their grievance in the assessment if any. Evaluation of laboratory sessions, project work and assignments is done rigorously by every faculty on regular basis.For the final year students, a Project and seminar is evaluated through presentations and demonstrations.The transparency in term work assessment is ensured by informing the student about assessment process in the beginning of the semester.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The institute has adopted fair and transparent process for the evaluation of student prescribed by the Dr.B.A.T.University Lonere & Dr. B.A.M. University Aurangabad. Institute follow the scheduleas given by the affiliating university to solve examination related grievances. Institute has appointed Chief Superintendent of examination as per directives by the affiliating university who looks after all the ongoing examination related grievances like paper redressal, revaluation etc. The Theory Examinations (80 Marks & 60 Marks) are conducted and evaluation is done by the university CAS centres. The masking of answer books are done so that the assessors are unaware about the exam seat no and other details of students. This is totally secure and transparent system. After the result of examinations, Students can apply for a photocopy of the answer sheet and revaluation of answer books of university end semester examination as per the procedures of the Dr. B.A.M. University. After receiving photocopies, the students can cross check the papers with concerned staff member and if student is not satisfied about its assessment, he/she may apply either for rechecking or revaluation. The application is forwarded to the University for Necessary Action.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The institute has recently adopted steps towards outcome based education. Every department has defined Program outcomes, Program educational objectives and Program Specific outcomes. Same is displayed on notice board and institute website. At the end of every semester, faculty evaluates their course outcomes by considering formats given for assessments. Every department maintains the mapping of course outcomes to program outcomes. All faculty members prepare detailed lesson plan with clearly stated outcomes. They also map their course outcomes to the program outcomes. Each and every test or assignment is also mapped with the COs satisfied. CO attainment for subjects is calculated using an excel tool provided by IQAC. The progress of the students in the form of test marks, assignments, quiz etc. is mapped with the course outcomes (CO).

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

IQAC has provided a format for calculating the course outcome attainment. At the end of every semester, faculty evaluates their course outcomes by considering formats given for assessments. Every department maintains the mapping of course outcomes to program outcomes. All faculty members prepare detailed lesson plan with clearly stated outcomes. They also map their course outcomes to the program outcomes. Each and every test or assignment is also mapped with the COs satisfied. CO attainment for subjects is calculated using an excel tool provided by IQAC. The progress of the students in the form of test marks, assignments, quiz etc. is mapped with the courseoutcomes (CO). The result of Internal Assessment is analysed and mapped with the Course Outcomes. This enables faculty to adopt any remedial action. The Final Theory Exam is

also taken into consideration for attainment of Course Outcomes.

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

2.6.3 - Pass percentage of Students during the year

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

147

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	**Nil**

2.7 - Student Satisfaction Survey

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

https://docs.google.com/forms/d/1pAYnRjGzL33lfXNqpo9XLFvubyKUkv LreEA_H-NHNd8s/viewform?gxids=7757&edit_requested=true

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)

01

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

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

02

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

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
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

The Institute has established an incubation centre to enable its students get first-hand experience in entrepreneurship, promote innovation driven activities at the institute and provide comprehensive and integrated range of support including space, mentoring, training programs and other benefits. Through the incubation centre, students gain hands-on experience in innovation and entrepreneurship while being nurtured and encouraged by faculty, management and industry experts. Physical Facilities includes fully furnished Office Space, Meeting room, and Office productivity equipment like Photocopier, Scanner, Projector, and Access to Innovation, Design Centre and Labs Equipment and software tools. Along with this the students also have Advisory and coaching, Mentoring, Trainings and workshops, Free advisory from Experts etc. The students have taken up innovation project on MSME Live sponsored by MASSIA (Marathwada Association of Small Scale Industries & Agriculture) like development of innovative mechanism for cardboard / paper recycling system, system to monitor the execution of customer orders, Design and Manufacturing of solar cooking cart etc.The student also participated in AVISHKAR (State Level inter University Research Competition).

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

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

4

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

0

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

39

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

0

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

It is our mission to impart Social, Ethical and Environmental Awareness among the students. Our extension activities are crafted to achieve the same. Extension activities groom the students for overall development. It teaches them to be socially responsible hence resulting them to be good citizens. It inculcates qualities in the students like empathy, leadership, team building, communication, responsible social behaviour etc. Objectives of the extension activities are as follows: Increase communication with underprivileged sections of society to understand their problems To use technology and expertise to address their problems To use young minds and their efforts to improve the standard of living of the society Create awareness among society to save natural resources Contribute to societal needs through activities like supporting blood donation camp The institute has active National Service Scheme (NSS) unit which plans and implements events to achieve above objectives. Besides this, there are groups like Young Inspirators Network (YIN) and active student association of various departments for the same.

File Description	Documents
Paste link for additional information	**Nil**
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

2

File Description	Documents
Any additional information	[View File](#)
Number of awards for extension activities in last 5 year (Data Template)	[View File](#)
e-copy of the award letters	[View File](#)

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

20

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

423

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

64

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

16

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.

Institute has developed the infrastructure as per the norms of AICTE, University and State Government. The experts from the regulatory authorities regularly monitor and visit the Institute. This enables the Institute to ensure the infrastructure adequacy and optimum use for academic growth. Institute has aesthetically constructed infrastructure for its academic, administrative, and support facilities. For the conducive academic and energetic environment the new building has constructed aesthetically and developed the class rooms, labs, tutorial rooms and seminar halls to meet the requirement of regulatory bodies and also for effective implementation of academics.An aesthetically constructed infrastructure with well

furnished, well ventilated and well lit Classrooms,smart classrooms , computer laboratories , well equipped laboratories , seminar halls and Amphitheatre.The Institute has a workshop which consists of different facilities for mechanical based practicals like machine, fitting, carpentry, welding, black smithy etc. Institute has spacious and wellfurnished library with reading room, digital library, e-journals, print journals and e-resource facilities like DELNET, Amenities and facilities such as students activity centre, well maintained lawn, biotechnical garden, ramp facility for physically challenged, CCTV surveillance at all strategic locations

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 Institute promotes cultural and sports events which provides platform for the students to show their talent, skills and responsibility leading to holistic personality development. The college have the following Sports and Cultural facilities: Facilities for Outdoor Games: Cricket, Football, Kho-Kho,Volleyball, Kabbadi Facilities for Indoor games: Table tennis, Chess, Carrom Cultural activities: Open Air Theatre (Amphitheatre) The institute also has gym and other sports facilities at the parent institution which is accessible to all the students of the institute. The student's sports and cultural committees are actively involved in organising different events. The students participate in various institute level and university level events like ASHWAMEDHA, SRUJAN, annual social gathering Abhyudaya, Ran Sangram, Ras Dandiya, Shiv Janmotsava, Engineering Teachers Day, Art Exhibition, Rangoli Competition, Days celebration during gathering, Picturesque, Bird Utsav etc. Sports activities organised by the institute: Gully Cricket – Team of 7 with 4 boys and 3 girls participate for cricket match with small ground and distinguished rules Volley ball tournament, Kabbadi, Kho-Kho as outdoor games Chess, Carrom, Table Tennis as indoor games with single, doubles and mix doubles participants allowed. Cultural activities organised by the institute: Dance Competition – Solo, Group, Western, Lok Kala Nritya etc Drama and Skit –

Solo, Group, MIME Singing Competition – Solo, duets Road Shows and plays Sangeet Mehfil – Poetry Competition Fashion Show etc

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

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

06

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)

61.97

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
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)

Institute has well equipped, spacious, properly and systematically managed library with reading room attached having separate section for boys and girls having carpet area of 430.12 Sq. m. The Library has rich collection of engineering and management books including various journals, magazines, local and national newspapers and online reference for students and staff. The Institute uses Software for University Libraries (SOUL) version 2.0 as integrated library management software designed and developed by the Information and Library Network (INFLIBNET) Centre, Gandhinagar which is an Autonomous Inter-University Centre (IUC) of University Grants Commission (UGC) of India.Majority of staff and students are registered to National Digital Library and have access to its resources. Digital Library has a stock of NPTEL lecture series. The Library has access to ejournals like IEEE, Springer, Science Direct, ASCE, Wiley Computer, J-Gate, DELNET etc. The Library has Remote access to e- Shodhsindhu via Dr. B.A.M. University for facilities of e-books, databases, e-journals etc. The Library has book bank facilities for SC/ST students as well as 5 topper students of each branch. Library facility is open to all students and faculty members and is continuously updated with latest books and journals.

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

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
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)

5

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
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

100

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

IT has forever changed the world we live in and in today's era they hold too much importance. Taking into consideration the institute always take positive initiatives to adhere with the recent trends in IT. To fulfil the norms of AICTE and University, the institute has 418 computers all together for students and other faculties with high configuration such as Core I5 processor, 4 GB Ram, 1 TB HDD. Every department has its own computing facilities and all the computers are connected in LAN and have high speed internet connectivity with Lease Line and Broad Band connectivity.The Institute has number of academics related software such as MATLAB R14.5, CREO 2.0, Oracle, MS Operating System software such as Windows 10.0, Windows 8.0, Windows 7.0, Windows Server R2 etc.The Institute also promotes and uses Open source and free softwares such as UBUNTU 14.0 OS, Red Hat6.0, Endian Firewall, Android

Development Toolkit, JAVA, Star UML, Net Beans 8.2 IDE, MySQL Server, PHP, XAMP Server etc. The Institute has Computer Centre with 100 computers having high configuration and internet connectivity for interrupted usage open for all students and staff.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	**Nil**

4.3.2 - Number of Computers

368

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution	B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	[View File](#)
Details of available bandwidth of internet connection in the Institution	[View File](#)

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)

File Description	Documents
Upload any additional information	View File
Audited statements of accounts	View File
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 separate cells for maintenance and upkeep of the infrastructure, facilities and equipment and have their standard operating procedure. The Institute has Building Maintenance committee that monitors the maintenance of infrastructure and facilities. For major civil work the management representative and committee decides the course of action. The Institute has Computer maintenance committee who overlooks the maintenance and upkeep of the equipment and computer facilities. The activities related to maintenance of electrical fittings, public address system, diesel generator (DG) etc. are supervised and done by Institute's Electricity and Electrical maintenance committee. Lab Incharge along with the lab assistant is appointed for respective laboratories. They monitorthe smooth working of the equipment's in the labs and get them repaired as per requirement. The calibration of concern equipment is undertaken periodically as per requirement by the respective departments. The maintenance and housekeeping of the classrooms, laboratories, library, and the institute are taken care by nonteaching staff. The cutting, cleaning, watering, soiling etc. activities in the garden is taken care by the gardener of the institute. Team of dedicated staff looks after the cleaning and sweeping of the passages, classrooms, washrooms, surroundings etc. The office staff monitor's their work and maintenance issues.

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

993

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

973

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	**A. All of the above**

hygiene) ICT/computing skills

File Description	Documents
Link to Institutional website	**Nil**
Any additional information	View File
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

493

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

493

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 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	**B. Any 3 of the above**

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

110

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

7

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

0

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	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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 Institute has an active student council. The Student Council carries out various student welfare activities

throughout the year. The selection of students in student's council is carried out by the respective Head of department along with the help of faculty coordinators. The Selection for core committee member is based on criteria such as previous working experience in the committee, good academic record, good communication skills, good public relations etc. Interviews of the aspirants are conducted to finalise the members. Approval of selected committee members are validated by the Principal. Faculty and students are involved in coordinating the selection process. The activities are funded by the college and also from sponsorships received. Besides this The Institute has various academic and administrative bodies that have student representatives on them such as T&P, IQAC, Library, DAB, Student Grievance Committee, Class Representatives, Alumni Association, Various professional bodies, Anti Ragging Committee, Departmental Student Associations etc. These Committees and cells organises various activities and competitions for the specialised interest of students.

File Description	Documents
Paste link for additional information	Nil
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

390

File Description	Documents
Report of the event	View File
Upload any additional information	View File
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)	View File

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 Institute has registered the Alumni Association in the year 2019, previously also the Alumni Association existed unregistered but functional under which Alumni meet and other activities used to be conducted at institute level. The Alumni's contributed to the association which was utilized for the development of students such as providing funds for sports teams of various department for different sports events, donated books in the institute library, arranged lecture and expert industry talks for respective departments. The interactions with Alumni's have provided invaluable feedback for improvements, and have helped in the development of the Institute.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	D. 1 Lakhs - 3Lakhs

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

Vision: "To be a Premier Institute in the Region which develops Competent Engineers and Managers, capable of Leading Team with Social, Ethical and Environmental values" Mission: Imparting Quality Education through best Academic Practices Enabling the students to develop Practical Skills through Laboratory Experimentation and Technical, Managerial, Research and Innovative Projects Developing Managerial and Leadership Competence amongst the students through Industry Institute

Interaction and Co-Curricular activities Imparting Social, Ethical and Environmental Awareness among the students through Extra- Curricular activities Quality Policy: "We at MSSCET, Jalna are committed to develop Engineers & Managers through Best Teaching Learning practices with team spirit. Our students and Teachers are enabled to Excel in the Technical & Industrial field with Values of Life and participate in Nation building. We also commit for continuous improvement in Skills, System, Infrastructure and Services to satisfy all the Stakeholders" The top management of the Institute comprises of Governing Body (GB), LMC, Principal, HODs, Incharges of various committees and IQAC. They play significant strategic role in the evolutionary process of transformational initiatives of the institute. The Institute believes in promoting a culture of delegation of powers through strategic policies.

File Description	Documents
Paste link for additional information	Nil
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 system is effectively decentralized for a better governance and performance. The strategic plans and major decisions relatedto academic and administrative tasks are thoroughly discussed in the Governing Council meeting. The decisions taken are executed by the Head of the institution. The Heads of the Departments and the faculty members ensure proper implementation of the policies given by the Governing Council. Decision making authority is well decentralized in this system. The Management gives autonomy to the Principal to execute the strategic plan in order to fulfil the Vision and Mission of the institution. Heads of the Departments are delegated with department level authority and operational autonomy but take important decisions with Principal's endorsement. Mostly, Heads of the Departments along with faculty members actively govern and administer the department. The Heads of the Departments also conduct meetings periodically and the academic activities are planned as per the academic schedule. Also, the Principal organizes regular meeting of all faculty members with Heads of the Departments periodically to review the academic related matters. All other administrative tasks are carried out under

the control of Administrative officer.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

An Engineering institution requires high level of goals with long range of planning and strategies to accomplish the Vision and Mission, which it dreams of Strategic planning is a continuous process with a specific focus on accomplishing short, mid and long term goals in this highly competitive era. Strategic Development Plan (SDP) analyses current environment expected future scenarios and predicts the direction towards which the institution should move to achieve its set goals and objectives. The first part of SDP addresses vision, mission and working on bringing out a good quality policy along with core values. These are achieved through many deliberations with all the stake holders (management, leadership, HODs, faculty, staff, industry, students and parents). Scientific scanning of internal and external environment is done through SWOC analysis. After scanning the environment, institutional goals were set up and strategies to achieve them are arrived at for the institution. Asa good practice, inputs are drawn from stake holders through active participation and collective inputs. The SDP will stream line the processes and progress of the institution, it will also ensure that MSS's CET becomes a torch bearer among technical education institutions at National and Asia-pacific level by 2023.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	**Nil**
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.

Matsyodari Shikshan Sanstha's College of Engineering and Technology well established organizational structure designed at central level to have proper communication mechanism and smooth functioning of administrative and academic processes.College Development Committee includes representatives of members of sanstha, Principal, three members elected from teaching faculty and one member of nonteaching staff.We at MSS's College of Engineering and Technology follow the prescribed service rules and regulations by AICTE, DTE and Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Recruitment procedure of the college can be simply bifurcated into two types; firstly the UGC recruitmentfor which the recruitment advertisement is published in National level newspaper and on college website also and applications are invited, committee from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on given date conducts the interview and appointments are given to selected candidates by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad itself; secondly college receives applications from various eligible candidates on regular basis as and when need arises, college through advertisement on website and news in local paper calls for interview on ad-hoc basis and appointments are given same. College runs promotional policies under various heads; for faculties college provides with half fees and ODL for attending conferences, and FDP's.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
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	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	View File
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

We at Mss providing social security in the form of provident fund and group insurance to all the employees. We have sufficient number of women faculties to whom we provide maternity leaves benefits under social security scheme to the beneficiaries. We have been providing medical emergency help to teaching & Nonteaching staff. As far infrastructure facilities concern we have Wi-Fi campus, reprographic facilities, central stores, good nutritious food in the cafeteria with RO System fresh drinking water facilities for the employees. CCTV's facility at strategic location. We have women's redressal grievance cell, look after all the issues related to women. Institution follows strict code of conduct and zero tolerance policy related all the staff. We have very hygienic, eco-friendly having trees and green lawns for feel good ambience as a whole the institution. A uniform for the teaching and non-teaching staff (security person & Peon) has been maintained as a code of discipline. As a safety measures we haveinstalled fire extinguishers at the important places of the institutions. Compensatory off, restricted holidays for celebrating regional festivals. Regular get together and festival advances to class IV employees (on request).

File Description	Documents
Paste link for additional information	**Nil**
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

06

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

07

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
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

300

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

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

We follow the performance based appraisal system for faculty and nonteaching staff. Annual selfassessment is done by every faculty to find out his/her strength and weaknesses. For this, the selfappraisal form is designed by the Institute that consists of:Teaching Performance Department Level Activities & responsibility Institute Level Activities & responsibility Number of Papers published in Journals and Conferences Number of STTP's attended Number of workshops / FDP's attended The form is designed to enable overall evaluation of the faculty. A meeting is held with individual faculty by Principal and HOD to discuss the filled form. The faculty are appreciated for excellence in performance and also asked to improve in areas they lag. This ensures transparency in evaluation and improves accountability of the staff.

File Description	Documents
Paste link for additional information	Nil
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

The institute has a keen strategy to conduct the internal and external audit every financial year. The internal audit of expenditure is conducted by our office account department, which is then audited by charted account, the internal audit team checks all the account, vouchers, leave records etc and submitted to the principal. The external audit team conduct annual audit of the institute and issue the audit reports. Finalization of the account and audited statements are prepared which is duly signed by the Principal, and chartered accountant. Then audited report is submitted by chartered accountant. No major objections are found in the audit by the statutory auditors and minor audit suggestions are compiled as per procedure.

File Description	Documents
Paste link for additional information	Nil
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	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

The college has a well-planned 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.Before the financial year begins, Principal, Heads of Departments prepare

the college budget. College budget includes recurring & non-recurring expenses such as salary, electricity and internet charges, equipment and facilities, maintenance cost, stationery and other consumable etc. It includes planned expenses such as purchase of lab equipment, consumables, patent, industrial visit, student association expenses, conferences/ STTP/FDP and other development expenses. The major source of the funding is Tuition fee from students, besides conduction of various off-line & online examination of competitive nature. The optimal utilization of fund is as given below: For salary, arrears, & welfare measures. For infrastructure development and academics. For purchasing of equipments and software. For research and development. For conduction of Curricular, Co-curricular, Extra-curricular activities. For purchasing the new book Financial support for attending conferences, workshops, FDP etc. Financial support is also provided for participation of students at various national and international level events like Go-Kart

File Description	Documents
Paste link for additional information	**Nil**
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

The Institute has established IQAC in July 2017. The IQAC is responsible for devising measures to improve quality in all facets of the institution and for streamlining the procedures already in existence. Two practices institutionalized as a result of IQAC initiatives are updation of Teacher Guardian Scheme and introduction of Pre Submission Card. 1. Teacher Guardian Scheme As most of the students admitted to the institute come from rural region, they face many problems in understanding the concept of Engineering education hence academic progress is not so good. So to increaseacademic performance of students by personal counselling and to encourage students participate in curricular, co-curricular and extra-curricular activities for holistic development the Teacher Guardian Scheme was adopted in the institute four years ago. 2. Pre Submission Card It's a general practice that after all the teaching and learning activity the student go for

internal submission process before end of individual semester and commencement of university examinations. But during the hectic schedule of teaching learning and other activities which regularly are organised by the institute or individual department, there are certain activities that every student must do to achieve soundness in academics and their holisticdevelopment.

File Description	Documents
Paste link for additional information	Nil
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 provides suggestions for improvement of the Institute in areas related to teaching-learning, cocurricular, environment, and extension activities of the Institute. IQAC has organised workshops and training programs on pedagogy, accreditation etc. The IQAC has been instrumental in improving the use of ICT by faculty. IQAC also conducts an internal audit of course files andhas recently started to made efforts towards implementing outcomebased education. The two examples of implementation of teaching learning reforms are use of ICT by faculty and introduction of MOOC and online test series. 1. Use of ICT by faculty After the load distribution in the beginning of every semester the faculty prepares his individual course plan and execution. To enhance the ICT based educational practices the IQAC has given additional format for ICT based course plan in which the faculty need to specify which units or topics in the syllabus are covered with the help of ICT tools such as PPT's, NPTEL Videos, Animations, Webinars, online links etc. 2. MOOC and Online Test Series To promote global education culture the IQAC has started the activity that every student must at least go for one MOOC course per semester. The MOOC provides a chance of distance education with the best institutes in the world that too free of cost. Many MOOCs have communities that have interactive sessions and forums between the student, professors and Teaching Assistants (TAs) along with the study/course material and video lectures.

File Description	Documents
Paste link for additional information	**Nil**
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)	**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	[View File](#)
Upload any additional information	[View File](#)
Upload details of Quality assurance initiatives of the institution (Data Template)	[View File](#)

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

We at MSS College of Engineering and Technology have strict security at entrance for all the people. The security guards are present 24x7 in the campus.The institution has taken numerous safety and security measures in the campus. 96 CCTV cameras have been installed at prominent places in the campus, including main gate, important corridors, Library, workshop, cafeteria.Specific rules and regulations about the timings, visitors etc are followed in boys and girls hostels. The appointed warden takes care of all the requirements, problems,

rules and regulations, in the hostel.The college has a Women grievance Cell (WGC) / Internal Compliance Committee and Vishakha Samiti, which deals with the safety and security of girl students and female staff in the campus. These committees also organize activities to motivate, strengthen and spread awareness about health, nutrition, etc. among the females in the campus. Not a single case of eve teasing, misbehaving or any other ever happened in the institute.

Counselling: Counselling of students is carried out under the Women Grievance Cell (WGC) or Internal Complaint Committee (ICC) and Vishakha Samiti. These committees have been formulated to deal with issues related to gender bias, promote gender sensitivity and educate male and female members regarding gender equality.

File Description	Documents
Annual gender sensitization action plan	Nil
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	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

Solid waste management: The main objective of the solid waste

management system in the campus is to promote the Environment Management and Conservation in the College Premises. The Institute have good solid waste management in the Campus. The solid waste is collected in the dustbins and then segregated at source. If solid waste is decomposable then it is dump into the pit and remaining is given to external agency for recycling. The dry waste bins are also placed in laboratories, library, classrooms, etc. Composting methods adopted by the institute for tree droppings, lawn management and kitchen/Food waste through wet dust bins placed in college premises. Old newspapers, used papers and journal files etc. are given for recycling to external agencies after frequent intervals. Scrap from the workshop is used to manufacture various articles like paper weight, drawing boards, etc. The remaining scrap is sold out to external agencies.

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	A. Any 4 or All of the above

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	View File
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	**B. Any 3 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	View File
Any other relevant information	View File

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	**B. Any 3 of the above**

enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	[View File](#)
Details of the Software procured for providing the assistance	[View File](#)
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).

1.Institute is well known for its endeavour towards academic excellence but also because of its HR policies of empathy, societal consciousness, and harmonious relationship with its ambient culture and sensitivities. 2.Faculty / Staff Members and the students of the Institute have an all India mix and they celebrate each others' festivals. 3.Linguistic differences are assimilated by ensuring a common professional language like English during working hours. 4.Communal divides are rare. The Institute has a robust and longstanding commitment to its social responsibilities. The NSS Cell has undertaken many a socially responsible drive in the areas of charity initiatives towards the underprivileged in society.1.Institute is well known for its endeavour towards academic excellence but also because of its HR policies of empathy, societal consciousness, and harmonious relationship with its ambient culture and sensitivities. 2.Faculty / Staff Members and the students of the Institute have an all India mix and they celebrate each others' festivals. 3.Linguistic differences are assimilated by ensuring a common professional language like English during working hours. 4.Communal divides are rare. The Institute has a robust and longstanding commitment to its social responsibilities. The NSS Cell has undertaken many a socially responsible drive in the areas of charity initiatives towards the underprivileged in society.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)
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

1.The Institute is fully aware of its noble role as architect of India's generation next. The Institute is committed to the philosophy espoused by the Indian Constitution, in word and spirit. 2.A copy of the Constitution Preamble is preserved in the reception of Main office building to ensure the expression of the value the Institute puts on it. 3.On Constitution Day, Institute renews its pledge to the Constitution by repeating aloud, word for word, the Preamble. 4.Institute focuses on installing a sense of responsibility in its students towards the Constitution through various efforts some notable being New India Pledge taking ceremony on Republic Day and Independence Day.

5.World Environment Day is celebrated every year with great enthusiasm by planting trees in campus.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	**Nil**
Any other relevant information	**Nil**

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students,	**B. Any 3 of the above**

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	View File
Any other relevant information	View File

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

All Jayantis, Punya-tithis, National and International Days, National Festivals, etc is celebrated by the Institute. Institute conducts Jayanti and Punyatitithi of great leaders like Mahatma Gandhi, Dr. A.P.J.Abdul Kalam, Sardar Vallabhbhai Patel, Dr. Bhimrao Ambedkar, Chatrapati Shivaji Maharaj Jayanti, Dr.Sarvepalli Radhakrishanan, Dr. Mokshagundam Vishveshwarayya,Indira Gandhi, Lal Bahadur Shastri, etc with great enthusiasm. The Institute celebrates Teachers Day and Engineers day collaboratively in open air theatre. The eminent personalities are called for this program to encourage and motivate the students. Also Institute celebrates Chatrapati Shivaji Maharaj Jayanti with full enthusiasm and for this event Shivvyakhate is called for sharing their views.

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	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC

format provided in the Manual.

Karmayogi Ankushraoji Tope Fee Waiver Scheme (K.A.T.F.W.S) Objectives of the practice: To provide financial support to students belonging from economically weaker section of society for pursuing their Higher and Technical Education The Context: The Institute is located in the rural vicinity of Jalna city, which is one of the cities in the Marathwada Region facing severe Draught conditions from past seven to eight years. The Aim of Visionary Ex. President and Founder of Matsyodari Shikshan Sanstha, Hon'ble Late. Adv. Ankushraoji Tope, was that despite of financial incapability, every child especially belonging to rural region should get education in his interested field Title of the Practice: Teacher Guardian Scheme (TGS) Objectives of the practice: To increase academic performance of students by personal counselling To encourage students participate in curricular, co-curricular and extra-curricular activities for holistic development The Context: Most of the students come from Rural region and they face many problems in understanding the concept of Engineering education hence academic progress is not so good Students need personal attention and encouragement for academic, co-curricular and sports activities. The Practice: Every Teacher Guardian isassigned a group of 15 to 20 students The TG conducts meet twice in a month to discuss several issues related to personal, academic, social etc.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

The vision of our college is, "To be a Premier Institute in the Region which develops Competent Engineers and Managers, capable of Leading Team with Social, Ethical and Environmental values". Coping up with the vision we at MSS's CET are continuously committed to uplift the educational standards in the instituteby conducting number of activities. The Sanstha has been awarded "ADARSH SHIKSHAN SANSTHA" by the Government of Maharashtra. As most of our students come from rural region, we

are clearly aware of their social and economic situation and hence to make them competent, we have started number of practices in Teaching and learning that ultimately results in the achievement of desired aim for our student. While describing the distinctiveness of the college the Teaching Learning activity i.e. The Pre-Submission Card is practised at our institute.Pre-Submission card is the printed card with following mentioned details: Library registration NDL registration Class Test Record Verified Online Aptitude Test Feedback Mechanism Given Online MOOC Courses details The Teacher Guardian is solely responsible to motivate and guide the students to complete the set of activities mentioned in the card before actual commencement of submission process for the respective semester. The student need to complete all said set of activities in the Pre-Submission card thereupon is permitted for actual term submission of the semester.

File Description	Documents
Appropriate web in the Institutional website	[View File]()
Any other relevant information	[View File]()

7.3.2 - Plan of action for the next academic year

To enhance the potency of teaching-learning process and bring the improvement in University results. To encourage the faculty for accede the applications for sponsored research projects. To motivate faculty to attend FDP's, Conferences, and Workshops at various reputed organizations for continuous exhilaration. To encourage the students, faculty & PG students for more publications in the reputed Journals & Conferences. To encourage the faculty & students for research patents registration. To promote skill development programs such Industry ready Programme, Internet of Things, Artificial Intellence, Python, Machine Learning rolling mill technology course etc. Development and up gradation of laboratories to abeam with the industrial needs. To motivate the final year students for interdisciplinary projects. To enhance activities developing Incubation centre along with Innovation centre. To focus on training and placement by providing training courses to the students through Industry interaction, communication skills etc. To enhance Industry Institute interaction by arranging Industrial Visits, Guest Lectures by Industry persons and Internship of students. To stimulate for more no. of MOUs with industry & academia for quality enhancement of the

engineering education.