



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		MATOSHRI COLLEGE OF ENGINEERING AND RESEARCH CENTRE
Name of the head of the Institution		Dr. Gajanan K Kharate
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02532406611
Mobile no.		9604788280
Registered Email		matoshricoe.hr@gmail.com
Alternate Email		gkkharate@rediffmail.com
Address		Eklahare, Near Odha Gaon, Aurangabad highway, District- Nashik
City/Town		Nashik
State/UT		Maharashtra
Pincode		422105

2. Institutional Status					
Affiliated / Constituent		Affiliated			
Type of Institution		Co-education			
Location		Rural			
Financial Status		private			
Name of the IQAC co-ordinator/Director		Dr. Varsha H. Patil			
Phone no/Alternate Phone no.		02532406621			
Mobile no.		7588619283			
Registered Email		iqac.mcoerc@gmail.com			
Alternate Email		matoshri.hr@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		https://engg.matoshri.edu.in/home			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		https://engg.matoshri.edu.in/home			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.14	2016	19-Feb-2016	18-Feb-2021
6. Date of Establishment of IQAC			20-Jan-2016		
7. Internal Quality Assurance System					
Quality initiatives by IQAC during the year for promoting quality culture					
Item /Title of the quality initiative by IQAC	Date & Duration		Number of participants/ beneficiaries		
National Programme on Technology Enhanced Learning	01-Jun-2019 60		100		

FDP of National Programme on Technology Enhanced Learning	01-Jan-2020 60	110
Matoshri Knowledge Base	01-Jun-2020 120	110
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
No Data Entered/Not Applicable!!!				
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

2

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

Yes

Upload the minutes of meeting and action taken report

[View File](#)

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

No

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

NPTEL certified courses by faculty at least two in a year. Internal academic administrative audit. REMEDIAL CLASSES for backlog students. Feedback analysis twice a year. Ecofriendly and green campus.

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

Plan of Action	Achievements/Outcomes
Improvement in Library	Digital media have been added. Reading room capacity has been increased.

Faculty development and improvement	NPTEL courses were offered to the faculties and 60 per cent faculty secured significant score. Expert talks were arranged for the faculty for the improvements.
Development of special skills	Student training for soft skills and personality development in view of increasing the employability has been scheduled regularly
Aptitude training	Aptitude refers to the competency of a person to learn or acquire knowledge. Most of the jobs in the corporate world require employees to expand their skill set through additional training. So regular aptitude sessions are conducted for students.
Improvements in Support Services : Canteen, Transport	Canteen cleanliness and hygiene have been continuously monitored. Bus drivers were tested and trained. Separate counseling was provided to all bus drivers . Number of buses are increased.
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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">LMC</td> <td style="text-align: center;">18-Mar-2019</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	LMC	18-Mar-2019
Name of Statutory Body	Meeting Date				
LMC	18-Mar-2019				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	No				
17. Does the Institution have Management Information System ?	No				

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

The institution follows the curriculum prescribed by the affiliating university. The curriculum is well transacted to the students by the concerned teachers. The institute plans for effective implementation of curriculum given by the university and its detail process as Stage I: Before Commencement of Semester. The curriculum is prescribed by university and university declares

academic calendar every year. The curriculum of the upcoming semester is made available to all faculty members and is also available at institute's website.

The choice of the electives is taken well in advance from students by acquainting them to the elective subjects Before the commencement of the semester well in advance the subject choice is collected from teachers. Based on the specialization, experience and their choice the subjects are allotted to respective teachers with discussion in staff meeting. The academic calendar, activity calendar and class timetable of forthcoming semester is prepared and conveyed to teachers and students after approval from principal. The course files are prepared/updated by respective teacher that contains course teaching plan, teaching material, and learning material. Lab Manual are prepared and supplied to the novices. Stage II: During Semester Effective implementation of curriculum is periodically reviewed by academic review committee. The academic review committee consists of Class coordinators, academic coordinator and department head. They take the review of the academics, academic progress of students and accordingly suggestions are provided orally. Mid semester feedback is collected from the students to know the know-how's of the subject being taught. If required corrective measures are taken to improve the performance: such as counselling/ mentoring of individual by HOD for any shortfall and improvements. In attendance monitoring process- subject teachers records the attendance during each lecture, class coordinator checks weekly, head of department checks and signs monthly and corrective measures are taken if required. The monthly status of attendance is conveyed to every student and the defaulter's attendance is posted to the parents. In semester, periodic exams are conducted to assess the students on continuous basis and results are declared. Remedial measures are applied for the weak students to pay the personal attention. For the final year Project the expert aquatints student in third year itself and all the guidelines are provided well in advance. As a part of curriculum third year students prepare and deliver the technical seminar on current trends, technology or exotic topics under the guidance of guide. The titles and domain for project are identified and finalized during first week of final year through rigorous process. The allotted guide monitors the progress of the project continuously and the log is maintained. Expert talks, technical event and industry visits are scheduled regularly to enhance the capabilities of the students Stage III: End Semester Conduct of end semester university examination Compilation of term work marks by concerned subject expert/department and submission to student section. Circulation of results after declaration by university Results are analysed by Principal, Dean, HODs and corrective measures are taken, if required.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Artificial Intelligence and Data Science	01/07/2020
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting	Programme Specialization	Date of implementation of
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CBCS		CBCS/Elective Course System
BE	Automobile Engineering	15/06/2019
BE	Energy Audit and Management	15/06/2019
BE	Finite Element Analysis	15/06/2019
BE	Industrial Engineering	16/12/2019
BE	Advanced Manufacturing Processes	16/12/2019
BE	Power Quality	15/06/2019
BE	Electric and Hybrid Vehicles	15/06/2019
BE	Smart Grid	16/12/2019
BE	High Voltage Engineering	16/12/2019
BE	System Approach in Civil Engineering	15/06/2019
BE	Architecture and Town planning	15/06/2019
BE	TQM & MIS in Civil Engineering	15/06/2019
BE	Hydropower Engineering	16/12/2019
BE	Construction Management	16/12/2019

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

	Certificate	Diploma Course
Number of Students	50	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Quantitative aptitude	28/01/2020	300
RUBICON softskill training	30/01/2020	130
PLC and SCADA workshop	23/03/2019	88
Electrical installation, maintenance and testing	09/09/2019	104
Android security and hacking	04/09/2019	152
Rural electrification through solar PV system	26/06/2020	106
Workshop on LATEX	07/06/2020	60
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1.3.2 – Field Projects / Internships undertaken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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BE	Mechanical Engineering	78
BE	Mechanical Engineering	150
BE	Computer Engineering	4
BE	Electrical Engineering	4
BE	Civil Engineering	11
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>Formal mechanism to obtain feedback from students and stakeholders regarding Curriculum and related topics exist in the institute like, 1. Feedback is collected from students, parents, and alumina and industry persons aiming at the enhancement of curricula. These feedbacks are shared among the staff and further to office bearers and authorities during syllabus discussion and finalizations. 2. Dean, members of BOS and Senior faculties are involved in providing guidelines for consideration of this feedback during syllabus design.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
ME	Civil Engineering	24	9	9
BE	Civil Engineering	120	15	15
ME	Computer Engineering	18	10	2
BE	Computer Engineering	60	60	48
ME	Electrical Engineering	24	3	3
BE	Electrical Engineering	120	38	38
ME	Mechanical Engineering	24	1	1
BE	Mechanical Engineering	120	60	44

BE	Information Technology	60	40	40
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1810	58	124	4	124

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
No Data Entered/Not Applicable !!!					
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

Successful mentoring relationships go through four phases: preparation, negotiating, enabling growth, and closure. These sequential phases are built on each other and vary in length. Mentors are allotted to the students. Weekly meetings are conducted with the students by their respective mentors. During these meetings mentors serve as a thought partner for students on their academic journey and help empower students to become autonomous learners and agents of their own change. They express understanding of students aspirations and fears, and support their success by acting as an advocate for students best interests. The following points are focused in mentoring: Improve communication and personal skills, Develop leadership and management qualities, Reinforce your own study skills and knowledge of your subject(s), Increase your confidence and motivation. Engage in a volunteering opportunity, valued by employers.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1868	124	15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
124	124	Nil	10	1

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Nil	Nil	Nil

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
ME	50	2	12/06/2020	30/10/2020
ME	50	1	11/09/2019	30/10/2020
BE	40	2	27/04/2020	20/10/2020
BE	40	1	12/07/2019	19/01/2020
BE	30	2	27/04/2020	29/07/2020
BE	30	1	12/07/2019	20/01/2020
BE	20	2	27/04/2020	20/07/2020
BE	20	1	12/07/2019	22/01/2020

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

University evaluation reforms • The CEO and Examination Committee schedules and executes the evaluation process with strict monitoring on regular basis. • The Principal also takes stock of the progress in weekly HOD meetings. • Internal squad comprising of senior faculty members oversees the smooth conduction of university theory examination. • CCTV cameras are deployed at all class rooms, exam cell and laboratories to monitor the online examinations. Internal evaluation reforms: • Each department has Examination Coordinator for smooth conduction of Internal Tests. The results of each test are strictly declared within a week of the conclusion of the test. The students can see their respective answer sheets and discuss their queries with concerned staff. • The term work evaluation is done by respective course teachers in the mid and at the end of semester. The students re notified about their performance evaluation of students is displayed on notice board through Continuous Assessment Report (CAR). Student can discuss any queries about CAR with the concerned teacher. Continuous Assessment The institute believes firmly in continuous evaluation of the students for their sustained performance. Hence a structured evaluation process has been designed and implemented. The tests are prepared and conducted as per the University examination pattern. To prepare students for practical and oral examinations, institute conducts mock Oral/Practical exams. The institute conducts two unit tests, Prelim Exam, Mock Online MCQ Tests and Mock Pr/Or Exams appropriately as per the requirement of the concerned syllabi of different classes.

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

The academic calendar is a very useful document, which contains the most important dates to guide the teachers and students. Our academic calendars provide important information about teaching dates examination dates extra co-curricular activities, semesterbased and annual based examinations. Before the commencement of every semester respective departments prepare a detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the Routine subcommittee of the Teachers' Committee prepares a detailed timetable and academic calendar for the

entire semester. Finally this is distributed to the departmental teachers and the students and also made available on college Website. The effectiveness of the process is maintained through effective monitoring by the Principal/Vice-Principal. The Principal/Vice Principal sees to it that all departments follows academic calendar. The college has a vibrant culture of instilling inquisitiveness and scientific temper among the students through a number of activities.

2.6 – Student Performance and Learning Outcomes

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

<https://engg.matoshri.edu.in/academics>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
402041	BE	Mechanical Engineering	144	137	95.14
410241	BE	Computer Engineering	55	54	98.8

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2.7 – Student Satisfaction Survey

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

No Data Entered/Not Applicable !!!

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	3	DST-NIMAT Project 2019-20	40000	40000

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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
3D Printing Workshop	Mechanical Engineering	07/02/2020
Samvad Consultancy, Nashik	Mechanical Engineering	15/12/2019
EduCAD Nashik	Mechanical Engineering	03/03/2020
Redhat Cisco certification introduction	Computer Engineering	18/02/2020

Workshop on C# . Net programming by Agies Software, Mumbai	Computer Engineering	03/09/2019
Workshop on Python Django by Leadsoft Software, Usmanabad	Computer Engineering	16/12/2019
Career Options and Opportunities in Electronics	Electronics and Telecommunication	04/07/2020
Microsoft Python Certification Workshop	Information Technology	09/03/2020

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Lokamat Prerana Award	Dr. N.C.Ghuge	Lokmat	24/01/2020	Lokamat Prerana Award
Lokamat Prerana Award	Dr. S.A. Bhavsar	Lokmat	24/01/2020	Lokamat Prerana Award
Saving water with saving Energy	Krushni Mauli Purskar	Krushni Mahotasav	23/01/2020	Saving water with saving Energy

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
3D Printing Workshop	Anet Industry China	Mechanical Engineering Department	3D Printing Workshop	Workshop	21/02/2020
EduCAD Nashik	EduCAD Nashik	Mechanical Engineering Department	EduCAD	Workshop	15/03/2020
Udyogvardini Nashik	Entrepreneurship development program	Mechanical Engineering Department	Udyogvardini	Workshop	02/04/2020

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
No Data Entered/Not Applicable !!!		

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

Name of the Department	Number of PhD's Awarded
Computer Engineering	1
Electronics and Telecommunication Engineering	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering Department	10	3
International	Civil Engineering	2	2
International	Electronics and Telecommunication Engineering	1	4
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering	5
Electrical Engineering	3
Computer Engineering	3
Civil Engineering	2
Information Technology	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Notch To Radiating Edge With Novel Loading Of Capacitance To Wideband Microstrip Patch Antenna	Dr.Ahire Dnyaneshwar, Kharate Gajanan	INTERNATIONAL JOURNAL OF SCIENTIFIC TECHNOLOGY RESEARCH	2020	0	Yes	Nil
An efficient author information retrieval tool for bibliographic record analysis	Varsha H. Patil, Swati A. Bhavsar	Journal of Intelligent Fuzzy Systems (SCIE)	2019	1.851	SCIE	1
Differential equation based Voltage	Tidke Ashwini Vilas	Third international conference on Electro	2019	1	IEEE	1

Injection Scheme for Maintaining Constant Load Voltage		nics, Communication, Aerospace Technology (ICECA 2019) June 2019 IEEE				
COMPARATIVE ANALYSIS OF FOC BASED THREE LEVEL DCMLI FED PMSM DRIVE	Digambar Ramrao Bhise	1st international conference on INNOVATIVE TRENDS AND ADVANCES IN ENGINEERING AND TECHNOLOGY	2019	19	IEEE Bombay section	19
COMPARATIVE ANALYSIS OF FOC BASED THREE LEVEL DCMLI FED PMSM DRIVE	Dr. Rakesh Shrivastava	1st international conference on INNOVATIVE TRENDS AND ADVANCES IN ENGINEERING AND TECHNOLOGY	2019	54	IEEE Bombay section	15
Experimental study of Magnetic Field on Refrigeration	Dr.N.C.Ghuge	International Journal of Technical Innovation in Modern Engineering and Science(IJTISES)	2019	0	IJTISES	Nil
Accident Forecast Modeling of Oil and Gas Industries: A Research Proposal	Mr.Y.K.Mogal	International Journal of Engineering Research in Mechanical and Civil Engineering	2019	0	IJERMCE	Nil
Experiment and Numerical Delving of Full Spiral Shell and	Dr. J.H. Bhangale	International Journal of Recent Technology and Engineering(IJRT E)	2019	0	Scopus	Nil

Tube EGR Cooler						
CFD analysis for investigation of design parameter of cyclone separator	Dr. J.H. Bhangale	International Journal of Engineering Development and Research	2019	0	IJEDR	Nil
Experimental Analysis of Convective Heat Transfer from Plate Fin Array on a Exhaust Pipe of EGR System	Dr. J.H. Bhangale	International Journal of Scientific Research Engineering Trends	2019	0	IJSRET	Nil
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Experiment and Numerical Delving of Full Spiral Shell and Tube EGR Cooler	Dr. J.H. Bhangale	International Journal of Recent Technology and Engineering (IJRTE)	2019	Nil	Nil	Scopus
COMPARATIVE ANALYSIS OF FOC BASED THREE LEVEL DCMLI FED PMSM DRIVE	Rakesh Shrivastava	1st international conference on INNOVATIVE TRENDS AND ADVANCES IN ENGINEERING AND TECHNOLOGY	2019	4	54	IEEE Bombay section IEEE Bombay section
COMPARATIVE ANALYSIS OF FOC BASED	Digambar Ramrao Bhise	1st international conference on INNOVATIVE	2019	1	19	IEEE Bombay section

THREE LEVEL DCMLI FED PMSM DRIVE	TRENDS AND ADVANCES IN ENGINEE RING AND TECHNOLOGY				
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	82	Nil	Nil
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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
RTO Rally for Organ Donation	NSS unit D-80 and RTO Nashik	4	48
NSS Special Camp Electrical Safety Pathanaty Water Conservation, Construction of Bandhara Women Empowermen Entrepreneurship Development Career Guidance	NSS unit D-80 and Grampanchayat Wadzire	6	50
Ganesh Idol Collection	NSS unit D-80 and Rotary Club Nashik	4	48
Tree Plantation	NSS unit D-80 and Grampanchayat Jakhori	4	47
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachha Bharat Abhiyan	NSS unit D-80 and	Clean Village	4	48

	Grampanchayat Wadzire			
Swachha Bharat Abhiyan	NSS unit D-80 and Rotary Club Nashik	Cleaning of River banks	4	47
Swachha Bharat Abhiyan	NSS unit D-80 and Matoshri Education Society	Swachha Campus	6	50
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Guest Lecture	SE Mechanical Engineering Students	MESA	1
Internship	TE Mechanical Engineering Students	Industries	30
BE project	BE Mechanical Engineering Students	Industries	16
Guest Lecture	SE Computer Engineering Students	Pinnacle	1
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Udyogvardini Nashik	08/03/2020	Entrepreneurship development program	150
3D Printing Shenzhen Technology Co. Limited China	27/01/2020	3D Software Learning Program	33
Samvad	15/12/2019	Student	150

Consultancy, Nashik		Understanding of life skills, Psychological counseling, stress management and Extra-Curricular Activity	
EduCAD Nashik	03/03/2020	Modeling Software beyond Syllabus program	100
Gawade Electricals	22/09/2019	Knowledge Exchange	117
Ms. TREEZEC-SOLUTIONS PVT LTD	12/04/2019	Training/Prject? Placement assistance	182
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
10200000	10620000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Newly Added
Video Centre	Newly Added
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4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
DELPLUS	Partially	2	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Journals	74	144485	99	223126	173	367611
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	500	19	19	19	19	1	6	10	0
Added	90	0	0	0	0	0	0	4	4
Total	590	19	19	19	19	1	6	14	4

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

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Matoshri Education Society Online Lecture Series	https://learning.matoshri.edu.in//

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1225000	1319055	5000000	5686035

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

Laboratory: Record of maintenance account is maintained by lab technicians, Lab In charge and supervised by HODs of the concerned departments. **Library:-** 1. The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalized list of required books is duly approved and signed by the Principal. 2. Suggestion box is installed inside the reading room to take users feedback. Their continuous feedback helps a lot in introducing new ideas regarding library enrichment. 3. To ensure return of books, 'no dues' from the library is mandatory for students before appearing in exam. 4. Other issues such as weeding out of old titles, schedule of issue/ return of books etc. are chalked out / resolved by the library committee. **Sports:** - Regarding the maintenance of sports equipment the college sports in charge is deputed. He monitors the sport activities which are held in campus and out of campus. **Computers:** - 1. Centralized computer laboratory established to enrich the students. 2. Each Department having appropriate computer for their requirements. 3. Internet and WIFI Enabled campus. 5. Open access journals facilities are available. **Classrooms:** - 1. The college has various committees for maintenance and upkeep of infrastructure. At the departmental

level, HODs submit their requirements to the Principal regarding classroom furniture and other. 2. Administrative officers will take in charge for student's academic requirements.

mcoerc.org

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Aptitude Sessions	15/06/2019	118	Civil Department
Entrepreneurship Awareness Camp	07/01/2020	100	Udyogwardhini
Expert Lecture on " Energy Conservation and Audit " for TE Electrical Students by Prof. S. P. Gawade	17/01/2020	57	Director, Gawade Electricals, Nashik
Under Bridge Courses, PLC SCADA Workshop for BE Electrical Students (8 days) by Nikhil Sonawne	23/09/2019	88	Technocrat Academy of Automation Control, Ambad MIDC
Soft Skill Development Training Program for BE Electrical Students (2 days) by Shital Khade	30/01/2020	130	Rubicon Soft Skill training
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	TPO Competative Exam Scheme	30	30	2	2
No file uploaded.					

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

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
16	1320	208	14	96	52
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	Matoshri College of Engineering and Research Centre, Eklahare, Nashik	Mechanical Engineering	VIT VELLORE TAMILNADU	M Tech
2019	1	Matoshri College of Engineering and Research Centre, Eklahare, Nashik	Mechanical Engineering	Veermata Jijabai Technological Institute, Matunga, Mumbai	M Tech Thermal
2019	1	Matoshri College of Engineering and Research Centre, Eklahare, Nashik	Computer Engineering	VIT, Mumbai	MBA
2019	1	Matoshri College of Engineering and Research Centre, Eklahare, Nashik	Civil Engineering	School of Engineering & Technology, Sandip University	M.Tech. (Construction Management)
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3
TOFEL	1
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Tech Feast 1	Institute	65
Tiffan Competation 1	National	16
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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Tech Feast AutoQuiz held in MCOERC Nashik	National	Nil	Nil	71833883k	Yash Gupta
2019	Tech Feast AutoQuiz held in MCOERC Nashik	National	Nil	Nil	7193201M	Abeed Sayyad
2019	Wonder Book of Record	International	Nil	1	559220988815	Mrunal Hajare
2019	MINDSPARK 19 in survey	National	3	Nil	71932010	Team
2019	MINDSPARK 19 in survey	National	3	Nil	71932015	Team

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

Cultural and Sports Committees: Students have strong representations in all cultural and sports and games committees and help in organization and management of events. Hostel Administration: Students provide strong support in the administration and management of hostel affairs. Each hostel has a Captain, Vice Captain, Mess Committee, Cultural Committee, Sports Committee and Cleanliness Committee. Students manage the entire functioning of the cooperative mess and organize extra-curricular events and competitions

throughout the year. Organization of Special Events: Students organize, and celebrate the National Teachers Day, on 5th September every year by honoring senior teachers and presenting cultural programmes, celebrate Engineers day on 15th September by felicitating the engineers(faculty) who publish their papers in reputed journals and attend conferences. Intra-faculty and inter-faculty cultural and sports competitions, National celebrations that include, Independence Day, Republic Day, Science Day and various NSS and social service activities. Jamboree and Techfeast: Students organized Techfeast on 12 February 2020, various technical events are organized by the students on this day. They also organize Jamboree, an annual Cultural Fest that involves a variety of innovative competitions, guest lectures and games. The above activities enhance their communication skills, management skills, leadership skills, team-work, time-management, resource management skills and builds confidence in each student.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institute has Alumni Association. Alumni as one of the stakeholders are contributing to better the existing practices by providing the useful feedbacks. The exit feedback and employee feedback significantly contributes in refining, updating and reviewing the practices, policies and processes at the institute. All the suggestions and recommendations are collected by the respective departments and then analyzed. The department is always in constant touch with the alumna and all updates are available about them. Institute has significant retention of the faculty. The former faculty also helps in providing useful feedback voluntarily

5.4.2 – No. of enrolled Alumni:

450

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

01

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The Institution has adopted the decentralisation and participative management in the process of academic and administration. The Top management gives generous freedom and flexibility to the Principal together with the academic council to lead all the academic activities of the college. They regularly meet and take necessary steps to formulate and implement the perspective plan of the institution. As part of quality improvement and quality initiative the institution and its concern IQAC and College Development Committee and other statutory Committees continuously work on quality improvement. In the beginning of academic year all faculty members conduct a meeting and discuss the smooth functioning of the institution. Various committees are constituted and responsibilities are assigned to them. Committee Chairman and members of the committee report to the principal and IQAC about the planning and implementation of the decision. They get the feedback from all the stakeholders of the institution and take steps for further improvements as far as they are

within the capacity and recommend the management for further corrective action. The Administrative and academic duties are controlled by the Principal of the Institution. Head of the department works under the guidance of the Principal and Internal Quality Assurance Cell. The Heads of the Department are given specific duties and responsibilities to attend the day to day routine work. Every faculty member is involved in the various academic and administrative or other statutory and non-statutory committee. Internal Quality Assurance Cell monitors the academic and administrative activities. Mentorship is introduced in all the departments and it is effectively monitored by the Principal. The Management of the Institution prioritizes in ensuring the quality level of faculty members during appointment. 1. President (M.C.O.E.R.C) 2. Board of Trustee 3. Principal 4. Internal Quality Assurance Cell 5. Departments and Heads of the Departments 6. Examination 7. Research Committee 8. N.S.S and Sport 9. Discipline Committee 10. Anti- Ragging Committee

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

No

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	The faculty is contributing for Quality Improvement directly or indirectly. Many of the faculties are involved in Conduction/attending FDPs for the implementation of syllabi at university level. Few of the faculties are members of the bodies and participate/lead actively in curricular activities.
Teaching and Learning	In continuation with our policies and practices we always try to enhance the teaching learning process. We organize/attend various content enrichment programmes contributing to the learning. Staff has to appear for NPTEL course and many of the staff have secured higher ranks in various subjects.
Examination and Evaluation	All the eligible faculties are involved in the examination and assessment processes. The staff carry out the tasks with integrity and honesty.
Research and Development	Institute has recently established the Incubation centre to promote research activities. The aspirant teachers for Ph.D. are guided in-house by the experienced faculty. The staff has been promoted for career advancement and specialized skill development.
Library, ICT and Physical Infrastructure / Instrumentation	New resources have been added to the library, ICT and laboratories.

Human Resource Management	Existing human resources have been trained/upgraded regularly and identified resources are procured when needed.
Industry Interaction / Collaboration	Existing MoUs were strengthened and new MoUs were signed with various organizations.
Admission of Students	Slight increase in the quality of input has been observed recently.

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

E-governance area	Details
Finance and Accounts	Online payment of fees through portal
Student Admission and Support	All processes are followed as per guidelines provided and web links provided by government
Examination	Affiliated university has provided web links for online exam form filling, question paper download, online examinations, revaluation and photocopy, and declaration of results
Administration	To achieve the target of Paperless IQAC committee members of it started using Google facilities like ? Google sheet :- For data collection from Various Departments. ? Google Docs :- To prepare notices and activity reports. ? Google Forms :- To prepare Feedback forms and get Online feedbacks of Students, Parents. ? Google Drives :- To keep all department wise proofs. ? The college has Biometric attendance for teaching and non-teaching staff. ? The college campus is equipped with CCTV Cameras installed at various places of need. ? To surveillance on mobile by Principal , Hikconnect application is available and software is available for surveillance on computer for college Authorities. ? ICT has been introduced in the Administrative work. ? College staff uses smartphone with inbuilt social app like Gmail to communicate. ? WhatsApp Group helps to provide the brief notices of any event to be happened on college. ? WhatsApp Groups are also used for awareness and of smooth functioning of the same.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/	Name of the	Amount of support
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		workshop attended for which financial support provided	professional body for which membership fee is provided	
2019	Rakesh Shrivastava	1st international conference on INNOVATIVE TRENDS AND ADVANCES IN ENGINEERING AND TECHNOLOGY	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING	6000
2019	Digambar Ramrao Bhise	1st international conference on INNOVATIVE TRENDS AND ADVANCES IN ENGINEERING AND TECHNOLOGY	SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING	6000
2019	Mr.V.S.Panwar	Syllabus Implementation Training of Systems at SVIT COE NASHIK	SPPU	2000
2019	Mr. T.T.Kapade	Syllabus Implementation Training of Systems at SVIT COE NASHIK	SPPU	2000
2019	Dr. N.C.Ghuge	One week Faculty Development Program On "Scilab" From 24th May to 30th May 2020 in association with Spoken Tutorial, IIT Bombay	IIT BOMBAY	4000
2019	Mr.L.G.Kamde	Syllabus Implementation Training of Systems in Mechanical Engineering	SPPU	2000
2019	Dr .D.D.Palande	AICTE - ISTE sponsored self financing online short term training programme on Outcome Based Education Accreditation	SPPU	2000

held during
26/05/2020 to
30/05/2020

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	NPTEL	NPTEL online certification course	01/06/2019	30/10/2019	84	2
2019	NPTEL	NPTEL online certification course	01/01/2020	28/04/2020	84	3

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Short Term Training Programing on 'Patenting for Innovations' Department of Mechanical Engineering of Sanjivani College of Engineering Kopargaon	6	25/05/2020	29/05/2020	5
National level One Week Online Faculty Development Program on "R Programming Language" with included a demonstration cum hands on exposure, organised in association	1	28/04/2020	05/05/2020	7

with Spoken Tutorial Project, IIT Bombay,				
Online Faculty Awareness Program on "Research Methodology " organized by Department of Mechanical Engineering, Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering	3	20/05/2020	25/05/2020	5
AICTE - ISTE sponsored self financing online short term training programme on " Outcome Based Education Accreditation "	4	26/05/2020	30/05/2020	5
One week Faculty Development Program On "Sci lab"association with Spoken Tutorial, IIT Bombay	6	24/05/2020	30/05/2020	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
59	124	30	30

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group LIC, Term policy, Patsanstha	Group LIC, Term policy, Patsanstha	Insurance

6.4 – Financial Management and Resource Mobilization

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

The Institute has full fledged accounts department. For every financial year, internal audit audit has been carried out by the accounts department in

supervision of Finance Manager and Internal Auditor. External auditing has also been carried out by the authorized chartered Accountant at the end of financial year to ensure the transparency in the transactions and financial procedures adopted by the Institute.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
00	0	00
No file uploaded.		

6.4.3 – Total corpus fund generated

2500000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Null	Yes	Academic Dean and Head of Departments
Administrative	No	Null	Yes	Principal and Head of departments

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

1. Regular communication by Class Teachers and Head of the Department 2. Yearly Parent Teacher Meets 3. Communication at end of semesters by Head of Departments
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6.5.3 – Development programmes for support staff (at least three)

1. ICT training 2. Involvement in College activities 3. Promotional Policies
--

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

1) NPTEL FDP course is mandatory for all teaching staff. Atleast one course is completed per semester. 2) Coursera courses are mandatory for teaching staff. 3) For E-learning Video lecture series have been prepared by staff for their subjects.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	NPTEL FDP courses	01/06/2019	01/07/2019	27/12/2019	110

2019	Workshops to enhance Communication Skill of students	01/07/2019	01/07/2019	28/02/2020	500
2019	ICCCC	01/06/2019	01/06/2019	28/02/2020	100
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
No Data Entered/Not Applicable !!!				

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

Percentage of power requirement of the University met by the renewable energy sources
25 A Solar panel has been installed in the campus (documents annexed in this regard) which is being used as a renewable source of energy to generate power. ? Date of Installation of Solar Plant: 13-2-2020 ? Rate per Unit Rs. 9.25 ? Amount Saved Rs. 3 lakhs

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Provision for lift	Yes	12
Rest Rooms	Yes	4

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2020	Nil	Nil	Nil	Nil	Nil	Nil	Nil
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
RTO Rally for Organ Donation	20/02/2020	20/02/2020	48
Swachha Bharat	15/08/2019	15/08/2019	47

Abhiyan - Clean Village			
Ganesh Idol Collection	17/09/2019	17/09/2019	50
Water Conservation, Construction of Bandhara, Women Empowerment	01/01/2020	08/01/2020	48
No file uploaded.			

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

1. To promote use of renewable energy, Solar panels and Grid have been installed. 2. Solar water heaters are installed in the hostels in the college campus 3. College construction allows for natural ventilation and lighting throughout its campus which helps conserve the energy demand 4. Large green area of the college campus allows for percolation of water into the soil thereby facilitating recharging of underground water reserves. 5. Generating awareness for water conservation, energy conservation and cleanliness through NSS camps 6. Energy efficient pumps and energy efficient LED lights have been installed

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Aptitude Training to students:

- To make the students capable for competitive exams.
- To enhance conceptual knowledge of students in particular course and disciplines through instructions particularly for solving novel problems in the respective area.
- To improve thinking skills to generalize as well as to standardize the methods and concepts to other applications.
- To develop systematic methods for learning from problem sets, including: how to apply and transfer conceptual knowledge identify common obstacles and errors and contextualize individual problems within the themes and concepts of the course.

Earn Learn Scheme

- To give benefit to the students coming from the rural areas and who are economically backward, intelligent, needy and financially hard pressed.
- To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society.
- To increase skills of beneficiary students in areas of their study, office work, technical work and field work.
- To enable needy students to earn every month to cope up with their expenses.
- To prevent students from avoidable distractions and engage them in meaningful, positive activities

Students have conducted different activities under professional club (SAEINDIA Collegiate Club) like Auto QUIZ, CATIA War etc. Industrial visits are also organized under ISHRAE student's chapter.

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

<https://engg.matoshri.edu.in/tpo/about>

7.3 – Institutional Distinctiveness

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

The Institute since conceiving has been progressively incremental to establish the state of the art infrastructure. It is the need of time to keep the pace with the technological advancements and to satisfy this need we are trying our best to provide infrastructural facilities to make them enough potent and

skillful. With that view we have adequate infrastructural resources for the learners. Discipline is one of the fortes of our Institute. Any misconduct, mischievousness, unfair mean and unethical practices are always discouraged.

The students venerate the ethics and values so as to march towards the engineering graduation with staunch ethical foundation with integrity. With the given curriculum and going beyond that, the course teacher always works with the determination to inculcate the learners with all aspects to make them armoured with information, knowledge and intelligence to solve given real world problem. Almost all teachers have at least 45 certification of NPTEL with outstanding performances. These certifications and additional training exposure tune them to understand and disseminate the modern technology to the focused learners. Frequent and wilful interaction of the faculty with the industry has established the bond to benefit the learners. Quite a few MoU are also signed in view of the progressive and coherent liaison with the Industry. This possible due to the uncompromising attitude towards systematic academics, adequacy of domain experts and tenacity of purposes. Under the leadership of the Principal, Institute is successful in attracting the appropriate and skilled human resource which is the backbone of the Institute. Once the student is admitted the institute nurtures him/her to become fit and cultured to compete the outside world. Dean academic and the authorities are always actively engaged in extending the duties for the betterment of the students. The institute has a diversified student strength and personal mentoring with active feedback system, help the students to develop. The engineers passing out from the institute definitely carry all the ?Sanskara of the institute contributing to the Vision, Mission and Quality Policies of the institute. Also, the faculty and the staff strive for the all round development aiming at the mission. Institute strives to become a center of excellence and credible center for learning. We are on the path of quantitative and qualitative progress. Starting with mere 180 intake for 3 undergraduate engineering disciplines, we have scaled to 6 undergraduate, 5 graduate and 2 research streams with an intake excess of 650. With our tenacity of purpose and progressively focused efforts we aim to serve the society and emerge as one of the renowned educational hub in decades to come.

Provide the weblink of the institution

<https://engg.matoshri.edu.in/>

8.Future Plans of Actions for Next Academic Year

1. Application for NBA 2. Improvement in ICT enabled infrastructure. 3. Conduct of Seminars 4. Training for entrepreneurship to students 5. Strengthening the support for students for cultural and sports activities. 5. Improvement in the placement opportunities for students. 6. Continuation of efforts towards ecofriendly practices 7. Conduct of External Academic and Administrative Audit.