Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**J.T. MAHAJAN COLLEGE OF ENGINEERING**
Name of the head of the Institution	**Dr. Nandini M. Chaudhari**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02585248179**
Mobile no.	**9823133113**
Registered Email	**jtmcoef@rediffmail.com**
Alternate Email	**principal@jtmcoef.ac.in**
Address	**Jivramnagar, Nhavi marg,Tal: Yawal, Dist: Jalgaon**
City/Town	**Faizpur**
State/UT	**Maharashtra**
Pincode	**425524**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. D. K. Kirange**
Phone no/Alternate Phone no.	**02585248179**
Mobile no.	**9422780366**
Registered Email	**jtmcoef@rediffmail.com**
Alternate Email	**principal@jtmcoef.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.jtmcoef.ac.in

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://jtmcoef.ac.in/downloads/administration/Academic%20Calendar%202019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**2.09**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC	**16-Nov-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
acdemic audit	**01-Mar-2019**	**250**

	12	
No Files Uploaded !!!		

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	[View File](#)
10. Number of IQAC meetings held during the year :	**2**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

Analyzed University result. Monitoring overall effective Teaching Learning Process. Enhance faculty participation in research activities. Suggested improvement in Teaching Learning Process

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

Plan of Action	Achivements/Outcomes
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
College development committee	18-Jul-2018

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:	Yes
Year of Submission	2019
Date of Submission	02-Jan-2019
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 affiliating university notifies the academic schedule term-wise at the beginning of every academic session. It includes dates for start and end of each of term, and university examination (Theory and Practical) schedule. Based on the same the Institute prepares academic calendar, It includes schedule for two internal tests, co- curricular and extra-curricular activities etc. In addition to the regular academic activities, Institute organizes co-curricular and extracurricular activities such as conference, seminars, guest/expert lectures, Annual sports, cultural program, industrial visit etc As a part of Teaching – Learning Process, the Institute follows the procedure: • Prepares Academic Calendar in accordance with University Calendar • Department prepares Time Table • Faculty prepares/updates Course files • Faculty Prepares Course material • Faculty prepares Lesson Plan • Faculty prepares Practical list in the curriculum prescribed and schedule for the conduct Two Tests per Term • Feedbacks are collected when teaching is in process and concerned faculty are informed • Evaluation and assessment of Laboratory Work • University/mid semester examination and declaration of result • Internship / Industrial training are organised • Result Analysis is done for further improvement.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
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

No Data Entered/Not Applicable !!!	
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
No Data Entered/Not Applicable !!!		

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

	Certificate	Diploma Course
Number of Students	Nil	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
No Data Entered/Not Applicable !!!		
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	NA	Nill
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Feedback is taken from the college Alumni Association, guardians and other stake holders for obtaining their views and information on the overall development of the institution. In Alumni Meet along with faculty, some of the suggestions given by alumina regarding curriculum are discussed and forwarded to BOS Chairman for enrichment of curriculum. Feedback from every regular admitted student is collected analyzed and accordingly interdisciplinary subjects are introduced. Various industry Employer feedback is taken and subjects like communication skill and soft skill are incorporated.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled

Programme	Specialization	available	Application received	
BTech	**Mechanical**	**60**	**4**	**4**
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	**782**	**31**	**72**	**6**	**Nill**

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	Numberof smart classrooms	E-resources and techniques used
78	**15**	**4**	**4**	**Nill**	**1**
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

For individual faculty 15 students have been allotted, who looks after all activities carried out by the students. Slow learners are identified and are given special care, academic advice and personal counseling. Advanced learners are directed to special classes, seminars, advanced courses, and innovative projects. Some of the students lacking in confidence and having inferiority complex are boosted by proper counseling. If students have personal problems that too be some extents are solved through individual Faculty members and / or tutor. In addition senior faculty members and administrators in the institute help the students to accomplish mental health, wellness, human growth and development for a rewarding career path. If students face any academic problems, advice is provided to help students to find solutions by concern faculty. Difficulty solving sessions are being arranged in hostels and college in preparation leave.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
813	**78**	**1:10**

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
118	**49**	**69**	**69**	**11**

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
No Data Entered/Not Applicable !!!			

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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
BTech	UG	semester	11/06/2019	31/07/2019

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

The college has adopted al the reforms of the affiliated universities as it is an affiliated institution. Credit Grade base performance and Assessment (CGPA) system has been adopted for overall evaluation. Continuous internal evaluation of the student is carried out by conducting two internal sessional examination (ISE) and also through tutorials and/ assignments. In addition to this sessional improvement test/remedial tests are carried out for slow learners. Answer sheets of this examination are shown and further discussed with students. Internal Continuous Assessment (ICA) carried through students attendance in theory/practical/ tutorial classes. Student performance is continuously monitored by respective class teachers and tutors.

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

Yes ,In the beginning of the every academic year, the college prepare an academic calendar. This calendar is prepared on the basis of academic calendar issued by University. Academic calendar is placed before the executive council for approval. After getting approval, all the entire activities such as teaching -learning process, Internal continuous assessment test and the various cocurricular and extracurricular activities are conducted as per the schedule. Most of the scheduled activities are carried out strictly carried out as per academic calendar. This academic calendar is displayed on the notice board and also informed to faculty and staff members well before the start of semester for proper planning.

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)

http://jtmcoef.ac.in/

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
ME	BE	MECHANICAL	102	53	52.00
CE	BE	CIVIL	63	61	97.01
CM	BE	COMPUTER	42	41	97.00
ETC	BE	E&TC	63	63	100

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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)

 http://jtmcoef.ac.in/

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	00	NA	0	0

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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
No Data Entered/Not Applicable !!!		

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
Smart Tap	Nikitesh Kawana	Dipex 2019	05/03/2019	c2 first prize

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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
No Data Entered/Not Applicable !!!					

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
00	Nill

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	COMPUTER	5	00
International	Mechanical	11	00

No file uploaded.

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
NA	Nill

No file uploaded.

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NA	NA	NA	2019	0	0	Nill

No file uploaded.

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	2019	Nill	Nill	0

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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	Nill	Nill	4	Nill

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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
NA	NA	Nill	Nill

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NA	NA	NA	Nill

No file uploaded.

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites

tree plantation	civil	tree plantation	2	8
No file uploaded.				

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
na	0	0	0
No file uploaded.			

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
Non Monitory	visit	Jain Farm fresh food Ltd.Shirsoli	21/09/2018	21/09/2018	60
Non Monitory	visit	MSSK LTD. Faizpur	31/08/2018	31/08/2018	45
Non Monitory	visit	Bhusawal Thermal Power Station	19/03/2018	19/03/2018	102
Non Monitory	visit	Imedita pune	27/09/2018	27/09/2018	45
No file uploaded.					

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
CAD CAM GURU solutions Pvt.Ltd.Pune	06/09/2018	Training for students	102
No file uploaded.			

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
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added

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
Soul 2.0	Partially	2.0.0.14	2012

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	50807	14070034	124	50208	50931	14120242
Reference Books	2740	111838	Nill	Nill	2740	111838
Journals	36	133460	12	54000	48	187460
CD & Video	793	17738	Nill	Nill	793	17738

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

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	350	16	1	5	1	10	330	56	10
Added	0	0	0	0	0	0	0	0	0
Total	350	16	1	5	1	10	330	56	10

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

56 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

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 incurredon maintenance of physical facilites
400000	75745	1080000	6157978

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)

We have the process for creation and enhancement of infrastructure that facilitate effective teaching learning. The process is as follows: • The institute follows the norms provided by AICTE for creating and enhancing the infrastructure that facilitate effective teaching and learning in proportion to the student strength in different streams. • The institution constantly and continuously expands and upgrades the required infrastructure facilities, in view of the changes of the university syllabus and current needs of modern aids. • Requirements collected from various departments with justification are put up to the 'Executive Council' by Principal for approval. • Further, it is put forward to 'Governing Council' for final approval. • The provision of budget is done in final approval as per the requirement and availability of funds. • Accordingly the execution of the approved requirements is carried out as creation of infrastructure and maintenance of existing infrastructure, creation and enhancement of facilities in the laboratories, strengthening of computers and internet surfing laboratories, purchase of books / e books / periodicals /journals / ejournals, playground, sports facilities and other student centric activities etc. Institute has well developed infrastructure in line with AICTE norms

http://jtmcoef.ac.in/facilities/sports/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	JTM Memorial	164	1387500
Financial Support from Other Sources			
a) National	NA	Nill	0
b)International	NA	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
YOGA	21/06/2018	150	Yoga coach Shri Haribhau Ingale
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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 passedin the comp. exam	Number of studentsp placed
2019	NA	Nill	Nill	Nill	Nill

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
Nill	Nill	Nill

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Nahars Engg. India Pvt Ltd .Aurangabad	42	1	NA	Nill	Nill

View File

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	6	JTMCOE Faizpur	Mech.engg.	JTMCOE Faizpur	M.Tech . (Design)

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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	Nill

No file uploaded.

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

Activity	Level	Number of Participants
SPORTS	NATIONAL	11

View File

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
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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)

No Data Entered/Not Applicable !!!

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institute has a registered 'Alumni Association'. Name of Association: JTM Alumni Association, Faizpur, Tal: Yawal, Dist: Jalgaon Registration Details: Maha / 14540 / Jalgaon JTM Alumni Association formally founded in 2012 is a thriving and growing group of people working towards nurturing a lifelong relationship between alumni and with their college. The JTM Alumni association strengthen the past students' relationship with their particular departments and give them an opportunity to provide guidance to young students who share their dreams and aspire to become someone like them. Based on the suggestions of past JTMians, placements, industrial interactions and other developmental activities of the college are highly benefitted. The Alumni Association conducts various programs like recognizing professional and social achievements of fellow JTMians through the presentation award of 'Shining Star of JTM", organizing interaction session with sponsoring technical events, facilitating placements mentoring, career guidance etc.

5.4.2 – No. of enrolled Alumni:

270

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

270000

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The college adopts decentralized governance system in the following way: The college has appointed faculty as VicePrincipal, Dean Academics, HODs, T P officer, Librarian, Physical director, Workshop Superintendent, Registrar are the decision makers along with the Principal. The HOD regularly conduct departmental meetings in which important aspects of the departments such as equipment, laboratory materials, books, journals and others are discussed. This is brought to the notice of Head of institution who in turns put it to the management for further action. Accordingly the management council approves the budget and communicates to the departments / sections through the Principal. Moreover the college adopts the practical way of delegating responsibilities to a person to enhance the leadership capabilities of each faculty, their teaching skills and interpersonal skills. Based on this, the college has formed various

committees. The committees are: Internal examination committee, Library Committee, Cultural Committee, Sports Committee, T P Cell, Hostel Committee, Student Welfare Committee, Student Staff Grievance Committee, Women Cell, Anti Ragging Committee, Internal Complaint Committee, SC / ST Cell, Discipline Committee, Alumni Parents Meet Committee, Admission Committee, Event Management and Social Responsibility Committee and Website Committee.

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

Partial

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	As college is affiliated to DBATU Lonere and KBCNMU Jalagaon, we follows the curriculum prescribed by aforesaid university. however faculty from various departments are encourage to attend Curriculum Development workshops organized by university while designing the contents of the curriculum, the course objectives and the course outcomes are considered during these workshops. Also to bridge the gap between industry and curriculum, we timely arrange Entrepreneurship Development Program, Soft Skill Development Program.
Teaching and Learning	According to the affiliated university schedule, an academic calendar for conduction of courses is prepared in every semester. Subject allotment is done well in advance before the commencement of each semester in departmental faculty meetings. Subsequently, the course file, lecture notes, laboratory manuals and time table are prepared. Students are continuously assessed through internal continuous assessment based on attendance, sessional test marks, depth of understanding, assignments and practical performance etc.) and also through end semester (University) theory examinations. Accordingly, slow learners are identified and are counseled through tutor / class teacher and remedial classes are organized for them. Advanced learners are given special attention. Teaching learning process is analyzed through student's feedback. The institute has well qualified faculty with good retention ratio. Faculty are also allowed and encouraged to acquire higher qualifications. Institute motivates the

	faculty to participate in STTP, workshops, conferences and refresher courses. Institute library has an excellent collection of books, ebooks, ejournals and NPTEL videos, various cocurricular, extracurricular and entrepreneurship development programs are organized time to time by the institution for overall academic as well as holistic development of students.
Examination and Evaluation	A transparent Examination Evaluation process is implemented Two class tests in each semester and one sessional examination are conducted to evaluate the student's performance and are conducted according to college guidelines. Continuous evaluation in laboratories helps to enhance the practical knowledge. Projects are evaluated by a committee at the department level and finally by the industry experts
Research and Development	The institutes have a wellestablished and equipped research centre for pursuing master degree and Ph. D. program. Number of faculty are involved and engaged in research activities and guiding student and some of the research scholars have completed their Ph. D. from our research Laboratory. Students and facultymembers are encouraged to present their research work in various seminars and conferences and publish their work in various national and international journals of repute. Many technical activities are organized at department, college and national level which include paper poster presentations, project competition, bread board competition, clay modeling and bridge making to showcase the technical talents of students to the students and teachers of other colleges. Project evaluation of final year students is done by experts from industry and academia. During their interaction with students they give valuable suggestion and guidance for improvement. Faculty members are encouraged to register for Ph D .Faculty members and students are encouraged to do collaborative research with industry.
Library, ICT and Physical Infrastructure / Instrumentation	Library: Institute have well stacked library having built up area of 539.80 Sq. M which provides Facilities like •

	Reference section, reading room, stacking and reprography. • Institute provides book bank facilities to all regular students. • SC / ST book bank facilities to concern students. • The library is governed by OPAC for information to the user. • The library automation is done by SOUL2.0 software. • Library is having membership of IIT Mumbai library, DELNET, ARAI Pune. IT Infrastructure: the institute have well developed IT infrastructure having 519 PCs with 56 Mbps WiFi and Internet facility and various applications and system software. For ICT resources we use LCD projector and NPTEL videos to enhance teaching learning process.
Human Resource Management	• Group insurance for Staff and faculty. • Recruitment of teaching and nonteaching staff as per requirement. • Orientation programmes for newly recruited faculty and students. • Motivating the faculty for Ph.D. • Incentives for research publications.
Industry Interaction / Collaboration	Memorandum of Understanding between the college and industries to bridge the gap between curriculum and practical implementation. Industry exposure to students and faculty through industry visits. Practical trainings/Summer Internship of students in industries. Inviting industry professional to deliver expert lectures. We are in process of signing up more MoUs with the various industries to get opportunity for students? projects/dissertation work in industries under joint guidance of the faculty and experts from industry.
Admission of Students	All admissions at J.T.Mahajan College of Engineering are carried out on the basis of merit (Centralized Admission Process) and in a transparent manner by the way of counseling. The complete admission procedure is carried out as per the rules and regulations of Directorate of Technical Education, Government of Maharashtra. Computerization of Process of Admission: • All the admissions are to be finally uploaded on DTE website as per schedule prescribed. • All the admissions are also to be submitted online to admission regulating authority (MS)
6.2.2 – Implementation of e-governance in areas of operations:	

E-governace area	Details
Administration	Most of the official communication is carried out through email and SMS system
Student Admission and Support	The admissions process is carried out through Centralized Admission Process of DTE and in a transparent manner to be finally uploaded on DTE website as per schedule prescribed. All the admissions are also to be submitted online to admission regulating authority (MS)
Examination	Student use e Suvidha online portal for examination form filling, to download hallticket, redressal and verification of university examination marks etc.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr.D.A.Warke	Refrigeration and air conditioning	I.I.T.Roorkee	1200
2019	Dr.D.A.Warke	Energy conservation and waste heat recovery	I.I.T.Khargapur	1200
2019	DrD.A.Warke	Enhancing soft skill and Personality	I.I.T.Kanpur	1200
No file uploaded.				

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)
No Data Entered/Not Applicable !!!						
No file uploaded.						

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	Number of teachers who attended	From Date	To date	Duration

development programme				
Refrigeration and air conditioning	**1**	**31/08/2018**	**07/09/2019**	**15**

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
49	**69**	**102**	**102**

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Group insurance scheme ,Gratuity ,Encashment of earn leaves	**Group insurance scheme ,Gratuity ,Encashment of earn leaves**	**Group insurance scheme ,In house Motivational scholarship, free bus facility**

6.4 – Financial Management and Resource Mobilization

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

Yes, The college has a mechanism for internal and external audit. Internal audits are carried out by the account section. External audit is being done by statutory auditors quarterly. Annual audit report is submitted at the end of year and is uploaded on institute website.

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
NA	**0**	**NA**

No file uploaded.

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	**No**	**Nill**	**No**	**Nill**
Administrative	**No**	**Nill**	**No**	**Nill**

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

ParentTeachers meetings are regularly being conducted. Academic performance is discussed. Parents are being kept in touch through SMS/ social media.

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

NA

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

NA

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
No Data Entered/Not Applicable !!!					
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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
Annual social gathering UTSAV2019	11/01/2019	13/01/2019	250	350
Teacher day	05/09/2019	05/09/2019	200	300
Fresher day	14/09/2019	14/09/2019	41	30
Engineers day	15/09/2019	15/09/2019	150	80
Science day	29/03/2019	29/03/2019	40	25
Farewell	08/04/2019	08/04/2019	100	120

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
The renewable energy resources of 200KW Solar panel installation process are completed

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational	Number of initiatives taken to engage with	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff

advantages and disadvantages	and contribute to local community					

<div align="center">**No Data Entered/Not Applicable !!!**</div>

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

Title	Date of publication	Follow up(max 100 words)
Human resource manual	03/07/2018	The Institute monitors and evaluate the quality of its enrichment programs through Continuous academic monitoring Result analysis Overview of placement Parent's suggestion / feedback Visitor's feedback / Expert's Comments Feedback from the students SelfAppraisal of Teaching and NonTeaching Staff Alumni Feedback

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants

<div align="center">**No Data Entered/Not Applicable !!!**</div>

<div align="center">**No file uploaded.**</div>

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

Green audit is conducted • The renewable energy resources of 200KW Solar panel sucssfully installed. • Water harvesting system is developed

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICES I Title of the practice: Entrepreneurship Development Program Goal: The main aim of this initiative is to create awareness in entrepreneurship and the process of developing entrepreneurs, to ignite the spirit of entrepreneurship and to emphasize a need of introducing entrepreneurship among the students. The context: The prime focus of this initiative is to develop a sustained platform that supports students of the institute in starting up thereby realizing their ideas and converting them to reality in order to meet the global demand and the new challenges thrown to the Indian Industry and also to generate the employment. The practice: Every year institute arranges one week training program on Entrepreneurship Development. The program helps the students to get acquainted with the knowledge of the 5 step process, understanding Finance and Numbers, Break Even Analysis, Cost Sheet, Fund Flow, The Essential Mindset, Idea to Execution, Cautions of Entrepreneurship. Evidence of success: After successful completion of the program, it has been observed that, the students get better understanding of awareness in entrepreneurship and the process of developing entrepreneurs which gives exposure to the students to the comprehensive entrepreneurship development process. BEST PRACTICES II Title of the practice: "college to

corporate" program Goal: The main aim of this initiative is to develop corporate awareness among student. The context: The prime focus of this initiative is to develop a soft skills among the students of the institute. The various programs such as aptitude test ,group discussion , mock interview ,resume writing ,public speaking and adequate are carried out The practice: Every year institute arranges one week training program on Human Resource development. The program helps the students to get acquainted with the knowledge of personality development and employability assessment test is also carried out so as to cope with present corporate needs.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
http://jtmcoef.ac.in/

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

Civil engineering department of our college provides consultancies and guidance to various government and nongovernment organizations such as: 1 .Water testing 2. Concrete testing 3. Steel testing 4. Soil testing

Provide the weblink of the institution
http://jtmcoef.ac.in/

8.Future Plans of Actions for Next Academic Year

• To conduct academic audit regularly • To start NBA accreditation process • To start Online courses for each department