



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	J D College of Engineering and Management
• Name of the Head of the institution	Dr.Shrikant Sonekar
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	9823583089
• Alternate phone No.	7720039691
• Mobile No. (Principal)	
• Registered e-mail ID (Principal)	principal@jdcoem.ac.in
• Address	Near Hanuman Mandir, Borgaon Fata, Kalmeshwar Road,
• City/Town	Nagpur
• State/UT	Maharashtra
• Pin Code	441501
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	05/08/2019
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Self-financing				
• Name of the IQAC Co-ordinator/Director	Dr.Ujwala Dange				
• Phone No.	9011010038				
• Mobile No:	9421632159				
• IQAC e-mail ID	usdange@jdcoem.ac.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://i3k898.n3cdn1.secureserver.net/wp-content/uploads/2021/12/Aqar_report-2019-2020.pdf?time=1622208866				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	yes				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.16	2017	12/09/2017	31/12/2024
6.Date of Establishment of IQAC			16/08/2016		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Nil	Nil	Nil	Nil	Nil	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year	4				

Plan of Action	Achievements/Outcomes				
To attract admissions during pandemic	After several brainstorming sessions, Admission Automation Software was procured. The admissions were 400+ during the severe pandemic situation				
To initiate effective connect with alumni	Taking into account the significance of alumni connect, the Alumni portal was subscribed due to which the college is actively connected with alumni				
To strengthen the IT infrastructure	Sensing the need of IT infrastructure to undertake online teaching, the departments were equipped with necessary infrastructure.				
Employee engagement practices during pandemic	Faculties attended several online FDPs with respect to specific domains and in association with Spoken Tutorials, FDPs were conducted by the college				
Training of faculty in CO PO mapping	Since the Autonomy was entering into 2nd year, the faculties were further trained and evaluated towards COPO mapping				
13. Was the AQAR placed before the statutory body?	No				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	Nil	Nil
Name of the statutory body	Date of meeting(s)				
Nil	Nil				
14. Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					

Year	Date of Submission
2020	17/01/2020

15. Multidisciplinary / interdisciplinary

Through Online portals such as NPTEL, Coursera, the students are encouraged to pursue multidisciplinary and interdisciplinary courses. With advancing of Autonomy to further semesters, pursuing such courses has become order of the day. Through Open electives the students are pursuing other domains.

The college offers major and minor specialization which enables students to pursue the specialization of their choice along with their first branch in which they have been admitted.

16. Academic bank of credits (ABC):

On receiving the guidelines from the sanctioning authorities the college has initiated to enroll students for Academic Bank of Credit through NAD and Digi Locker. Pro active efforts are made to create awareness about credit transfer and mobility amongst students.

17. Skill development:

Skill development in various domains is imparted at departmental level by undertaking expert/guest lectures from time to time. The students are encouraged to pursue online certifications from time to time. Students also undertake internships offline and online to enhance their skills and employability. Soft skill being the important attribute, the students are encouraged to pursue Online courses in Softskill and personality development, organization behaviour, English for engineers etc.

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

To keep students grounded to their roots, they are imparted formal training in dance, drama, music by the dedicated faculty. The various cultural festivals like Garba, Lohri, Makar Sankranti helps them to know the Indian Culture. The college is actively associated with the SPICMACAY, The Society for Promotion Indian Culture, Music and Arts amongst youth. Has hosted various stalwarts in the campus on behalf of SPICMACAY. The college buildings and laboratories are named after the great Indian scholars, scientists etc. The buildings are named as Nalanda, Vikramshila, Takshshila etc., which helps students to know the rich Indian legacy. To ensure students develop right proficiency for local language and national language

i.e. Marathi & Hindi the newspapers in vernacular languages are subscribed in college library. Apart from library the newspapers are made available in Academic blocks so that students are able to access them from their respective academic blocks, while on the go.

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

The very reason for seeking autonomy by the college is to impart the outcome based education. The constant efforts are taken to empower the ability of teachers to undertake outcome based pedagogy. FDPs in association with NITTR have been attended by the faculties. The subjects have been divided into Basic Science courses, Humanities and Management Courses, Engineering Science courses, open electives, professional elective, program core course alongwith Projects, internships which gives exposure to the students in multiple areas where the thrust is on performance rather than writing the answer.

20.Distance education/online education:

Institute has been prioritizing online education. Blended learning and usage of technological tools are being used to increase students engagement and enhance learning outcome. Students are encouraged to pursue online courses and are given the option of pursuing major and minor specialization through MOOC courses. To facilitate seamless teaching learning in online mode, the teachers have been oriented towards effective use of online platforms. Few notable practices to develop flair for online teaching learning we use:

- Collaborative tools like google forms, google docs, google sheets for information sharing
- Google classroom to maintain the class records
- Online platforms such as Webex, Zoom, Google Meet etc.

Extended Profile

1.Programme

1.1 7 Under graduate
Engg.Programs, 2
M.Tech 1 MBA
Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student2.1 **2066**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **601**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **925**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic3.1 **10**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **148**

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 Number of programmes offered during the year:	7 Under graduate Engg. Programs, 2 M.Tech 1 MBA
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File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 Total number of students during the year:	2066
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File Description	Documents
Institutional data in Prescribed format	View File

2.2 Number of outgoing / final year students during the year:	601
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File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 Number of students who appeared for the examinations conducted by the institution during the year:	925
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File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 Number of courses in all programmes during the year:	10
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File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	148
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	140
Number of sanctioned posts for the year:	
4.Institution	
4.1	0
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	31
Total number of Classrooms and Seminar halls	
4.3	825
Total number of computers on campus for academic purposes	
4.4	23.60
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Program Outcomes for every course are as mandated by All India Council for Technical Education. Course Outcomes are decided keeping in view the demographics of the students in terms of their qualifying examination marks, other previous academic credentials. For curricular branches, the Course Outcomes, Programme Specific Outcomes are attributed adhering to National and global needs of the concerned industry.

In case of core branches of engineering such as Civil, Electrical, Mechanical, the requirement at local and regional level are also considered. Thrust is given of self employment opportunities as well as placement in the local industries. To decide the COsPSOs alongwith departmental faculties, valuable insights are offered by industry representation at respective Board of Studies. Vital inputs are shared by Academic Council and Governing Body as well to enhance the student centric interventions in curriculum and other aspects.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

1

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

00

File Description	Documents
Curriculum / Syllabus of such courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

00

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	No File Uploaded

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	View File
List of Add on /Certificate programs (Data Template)	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institute has introduced courses like Basic human rights (BHR) and Universal Human Values (UHV) to integrate cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The objective of these courses are to: 1. Development of a holistic perspective based on self-exploration about themselves (human being), family, society and nature/existence. 2. Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence 3. Strengthening of self-reflection. 4. Development of commitment and courage to act.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

11

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

232

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

129

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

B. Any 3 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	Nil
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

2066

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

At entry level, the slow learners and bright students are identified based on their overall performance in Internal Assessment. The mentors regularly monitor the progress of their mentees. The class teachers along with mentors assess the progress of the students after every IA test and the parents are intimated.

Guidelines to identify slow learners

Students scoring less than 40% of marks in Internal Assessment.

- Mentor follows the student's progress regularly; advise them about attending classes and making up missed classes.
- Intimating parents about their ward's performance.
- Conduction of remedial classes.

Guidelines to identify Bright students

Students awarded as First Class with Distinction (FCD) in their Semester exams.

Students are motivated to take up mini projects and encouraged to participate in inter college national fests.

- Encouraged to attend conferences, workshops and publish papers.
- Encouraged to take up competitive examinations like GATE, GRE etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
28/12/2020	2066	148

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

To ensure the effective delivery of teaching learning processes involving active students participation the following student centric methodologies are adopted apart from conventional chalk and talk method.

- The pedagogical interventions include Powerpoint presentation by the teachers and students. The students are assigned various topics within and beyond the syllabus for their scheduled presentation before the class. This helps students to understand the topic in detail as they have to undergo in-depth preparation for the same.
- Video lectures from youtube, NPTEL, Coursera etc are shared amongst the students ahead of the scheduled class so that the students get to know the topic in better manner. The links for these lectures are shared through departmental semesterwise whatsapp groups.
- The students are assigned various subject specific activities to enhance their practical knowledge. Activities selected are such that they cover the most of the topics of the particular subject.
- Mini and major projects are assigned to students to implement their theoretical underpinnings.
- During pandemic times the students were provided appropriate assistance in case of difficulties faced while using online meeting platforms like google meet, zoom etc.
- During online mode of teaching, to check the understanding daily quizzes were carried out.
- Based on the daily analysis of the above, the questions which got most incorrect response were discussed in the next class during first 10 minutes.
- The students were encouraged to access National Digital

Library for remote access as during pandemic they were not in campus.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

To optimize effective teaching learning process , the following tools are used by the Institute:

1. Projectors- projectors are available in different classrooms/labs.
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
3. Printers- They are installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.
5. Scanners- Multifunction printers are available at all prominent places.
6. Seminar Rooms- Three seminar halls are equipped with all digital facilities.
7. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
8. Online Classes through Zoom, Google Meet,)
9. MOOC Platform (NPTEL, Coursera, etc)
10. Digital Library resources (DEL NET, etc).

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

148

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar is prepared before the commencement of the academic session. The office of the Dean Academics initiates the preparation of academic calendar in consultation with HOD's and section heads. All the norms laid out by AICTE regarding the duration of courses, National holidays, College level cultural events, co-curricular events, etc. are considered while preparing academic calendar.

End semester examination dates (Tentative) are also considered for the same. As soon as the Dean Academics office prepares and circulates the college level academic calendar, all the respective departments are required to prepare department level academic calendars in accordance with the college level academic calendars. Events like faculty feedback, parent teacher meeting, meeting of Class Representative with HOD, Forum installation etc are mentioned in the academic calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

148

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

23

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

616

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

15.33

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

15

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

During Covid-19 Pandemic, all the examinations were conducted online including Mid Semester Examinations (MSE) and End Semester Examinations (ESE). All the exams were conducted online and papers were set adhering to Blooms Taxonomy using Goole suit provided by the college.

1. The question paper was shared to the students Google Classroom 20-30 minutes before the start of exam. 2. Students were asked to note down the questions on the paper. The entire examination was proctored by the invigilator on camera 3. Around 20-25 students were assigned to every teacher (Invigilator). 4. After the exam 15 minutes were given to the students to upload the pdf of answers written by them on Google classroom. Students were allowed to challenge the evaluation. If required, the Grade Moderation is done and the grades are submitted to COE and results are processed in Examination Sections. The presentation of results is done with the Principal and the committee before declaration. All possible efforts are made to declare the results within 15 days from the last date of Exam. In Oct.2019 we purchased the services of JUNO (EMS)howeverdue to technical glitches the contract was terminated inFEB. 2021.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The college has adequately displayed and communicated the CO's, PO's and PSO's for the concerned stakeholders on prominent displays in the departments and on the website. Sensitization about the same is done from time to time on various platforms such as :

- Induction programs for first year & lateral entry students.
- stationary materials
- Question papers
- Scheme & Syllabus Documents
- Assignments, etc.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

For every subject course outcomes are predefined in the scheme and syllabus. (The inputs for the same are sought from the academic and industry experts semi annually during BOS meetings). During entire teaching learning process various direct and indirect means and methods of evaluations are used such as assignments, tests, presentations, report writing, poster competition, quizzes, paper publications etc. to achieve desired course outcomes. Evaluation of attainment of COs is done at the end of the each semester after the declaration of results. This evaluation is done on the basis of the rubrics designed by the Dean (Academics) in consultation with all BOS (Chairman). Grade moderation sheet is provided to all the concerned subject teachers for mapping the CO attainment.

Based on the attained COs target for the next years CO attainment are set. If required additional scurtiny is done to ensure the efficacy of the target set . This is done to prevent the overambitious CO target setting and effective monitoring of quality content delivery by teachers.

The Co attainment sheets are randomly evaluated during academic audits.

Program Outcome evaluation will be done on completion of program.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

436

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://jdcoem.ac.in/about-us/mandatory-disclosure/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy

for promotion of research which is uploaded on the institutional website and implemented

JD College of Engineering and Management (JDCOEM) strongly believe that our service is to disseminate knowledge through teaching and create new knowledge through research. For this it is necessary to foster a research culture amongst the faculty members and students along with necessary infrastructure and support facilities.

The R&D Cell is constituted with the following aims: 1. To cultivate strong research culture amongst faculty members and students. 2. To embed research in all levels of academic activity (undergraduate, postgraduate and PhD). 3. To increase the quantity and quality of our research outcomes. 4. To increase the sources of external research funding in order to build capacity, create new knowledge and research quality. Following document viz. R&D Policy is the collection of all the policies which are constituted for achieving our aims and objectives. The management reserves the right to take a decision over and above in special cases, in the interest of the college the policy of performance-based incentive financial assistance for career development of faculty's. The purpose of the Research Policy is to bring a vibrant atmosphere.

Highlights of our R&D policy are

1. Financial assistance to faculties
2. Special rewards for faculties
3. Incentives for higher studies to faculties.
4. Incentives for external funding received.
5. Rewards for faculty performance appraisals.
6. Incentives to students.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)**

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

3.2.3 - Number of teachers recognised as research guides

9

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Entrepreneur Development Cell (EDC) of JDCOEM has been established in the year 2017-18 to encourage graduating engineers to consider Self-employment as a career option. This cell promotes

the Entrepreneurship through expert lectures, workshops, seminars, business plan, idea pitching competitions and outdoor activities. It also provides technical and marketing support from innovation to entrepreneurship. The advisory board of ED Cell continually contribute to the Innovation Ecosystem through breakthrough solutions and suggestion for solving critical problems, and motivating students to become Entrepreneur.

Entrepreneurship Centre also helps students from family business background to implement new ideas and scale new horizons by redefining traditional way of doing business. We assist students in developing and sustaining family businesses in the age of changing dynamics of global competition and organization. We aim to install qualities in students to contribute to efficiency and growth of their organizations.

We have eminent personalities on the Advisory Board of Entrepreneurship Centre who have made remarkable contribution to their respective business field. Students receive regular guidance from these industry stalwarts and understand the know-how of contemporary business to develop community oriented entrepreneurial spirit.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

15

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for

B. Any 3 of the above

Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

3

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

3

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

3

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

18

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

0

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

To inculcate the virtues of responsible citizenship apart from curricular and cocurricular activities the extension activities under the edges of students club, departmental forum and Kaushalya are undertaken round the year. The activities renege from bringing awariness about glaring social issues such as drug abuse, save girl child, each one teach one, etc. The interventions such as roleplays, streetplays, various competitions, health checkup camps etc. are carried out in association with the neighbouring villages. Students are encouraged to reach out oldage homes, orphanages, railway footpaths and alike to conduct various outreach activities. All these helps students to relate with the

societal problems and they are also able to empathise with the sufferings of such people. Participation in such activities leads to holistic development in students and students are able to relate better with societal issues.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

24

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1734

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

129

File Description	Documents
Copies of documents highlighting collaboration	No File Uploaded
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

0

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	No File Uploaded
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

JDCOEM is situated amidst lush green and eco freindly campus encompassing sprawling area of 10.24 acres.The following is the detailed despcrition of the physical facilties meant for teaching learning, laboratories and computing equipments.

Total 29 classroom area 41306 sq ft

59 laboratories 50930 sq ft

Central library 610 sq ft

Auditorium 3000 sq st

Common rooms 2170 sq ft

Administrative area 6272 sq ft.

There are 5 buildings which accomodates the above facilities and are equipped with wi fi connctivity. Class rooms are enabled with ICT facilities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

Adequate facilities are provided to conduct outdoor and indoor games alongwith facilities to conduct various programs. Outdoor sports facility include cricket, football, volleyball and other native games such as Kho kho, Kabbadi etc. Indoor sports facility include table tennis, badminton, carrom, chess. Yoga sessions are conducted on expansive green lawns of the college.

Auditorium is equipped with PA system, projectors etc to conduct the various events of departmental students forums and student clubs.

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

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

29

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

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

00

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	No File Uploaded
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource**4.2.1 - Library is automated using Integrated Library Management System (ILMS)**

Library is automated and used Synchronic Lintegrated Library Management System. Acquisition, circulation, issue, return etc are conducted through this Synchroc ILMS since inception. There are 8847 titles and volume 34283. Apart from the physical books, the library has E resources such as DELNET, e books, journals etc for the use of students and faculties. The college is the member of National Digital Library. All the studnets and faculties are registered on NDL.

Synchronic version 2.5 ensures the following:

Cataloging:

- Bibliographic details
- Search Cataloging

Circulation:

- Issue, Return
- Check in check out

OPAC:

- Various types of searches

Reports:

- Accession register
- Gaphical data
- Finacial data
- Member history
- Branchwise inventory of books
- Detailed circulation transaction

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: C. Any 2 of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

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

Nil

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

14311

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The campus is Wi-Fi enabled with a Wi-Fi controller, secured through a UTM firewall and is hosted through server. The configurations of server are as follows:

Intel Xeon E5-2603V4 1.7 GHZ

Procesor: 32GB RDIMM 2400MT/S Dual Rank/

2 TB 7.2 k RPM SATA 6GBPS 3.5in Hot

Plug Hard Drive/DVD+/RW/PERC H330 Raid

Controller, Mini Card/Dual, Hot Plug

Redundant Power Supply 495W, Dell USB Key/

Dell USB Optical Mouse/Dell 18..5 inch Wide LED Monitor.

Operating System:- Windows Server 2012

The institue has various computer laboratories catering to the

needs of the students. In all 786 computers are available in the college across all labs and departments. Various freeware softwares are also provided to students. Licensed softwares are also available.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2011	786

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

D. 5 Mbps - 20 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

23.60

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	No File Uploaded

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

Standard operating Procedures (SOP's) for maintaining and utilizing academic infrastructure and other facilities are laid down.

Annually Laboratory audits are carried out and stock verification is also carried out and equipment are identified for repair / write-off purpose.

Various common facilities are assigned to respective incharges such as maintenance incharge who is responsible for maintenance of entire physical infrastructure of the college such as classrooms, sports grounds, laboratories, etc. Team of plumbers and carpenters and other assistants work with maintenance supervisor. The various issues regarding maintenance are routed through google sheets. Apart from this the maintenance supervisor periodically inspects various facilities personally. Prior approvals of director is taken in case of monetary requirements to carry out the work. Routine pest control is also done by the maintenance team.

Electrical supervisor along with the team of electricians is responsible for maintenance of electric fittings and fixtures

acrossthe college premisis. electrical supervisor is also responsible for maintaining generator facility.

Computing facilities are lookedafter by a dedicated team of IT & networking techincians. The maintenance and repairs are routed through google sheets.

Sports infrastructure is looked after by sports incharge. Departmental sports incharges reporting to Dean students.

Dedicated team of gardeners is present for looking after the lush green gardens availbel at campus.

The above teams also ensure to address the issues of maintenance nad other requirements of administrative buildings.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1902

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

00

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology **A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

00

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances **A. All of the above**

through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year**

204

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

00

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	No File Uploaded
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

00

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute believes in involving all the stakeholders in the various processes. The students are given due representation in following academic and administrative bodies of the institution:

1. Class representatives are nominated on the basis of academic performance of the students. These CRs are the bridge between students and teachers to address the related issues if any.
2. Students are given representation on Internal Complaint Committee, Grievance Cell, Anti Ragging Cell etc.
3. 15+ students clubs which are by the students for the students give adequate exposure to the students in decision making, crisis management, people management etc. The club members are selected based through rigorous interview process based on their nominations by the jury constituting departmental forum incharges, Dean(Students), outgoing studentsclub president etc.
4. Departmental forums are there to conduct various co-curricular activities by the students. The forum office bearers are appointed by the respective HoDs and their teams.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

24

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

JD College of Engineering & Management registers every passing out student into its Alumni association to effectively connect with alumni and enhance the network. The college is in process of subscribing to online alumni portal Waave.

The communication with alumni is coordinated by departmental faculty alumni incharges. The central TPO and alumni incharges will share the updates about job opportunities, training domains and also the achievements of college time to time through various departmental alumni group of every batch. In order to enable the alumnis to stay connected with the teachers. The teachers are also registered on the portal. Since the alumni base is expanding to various cities, efforts will be in progress to form the alumni chapters of the college in cities such as Mumbai, Pune, Bangalore, etc. Alumni are invited/ connected by the departments to deliver experience sharing sessions, expert lectures, etc.

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

5.4.2 - Alumni's financial contribution during the year E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of the institution is reflective of an effective leadership in accordance with the vision and mission of the institution. The management firmly believes in nurturing human resources and enable every resource to explore their maximum potential in all aspects of academics, management administration.

The participative governance, bottom up approach in decision making is helping human resources to realize their latent potential. The teachers have been given representation on Governing Body, Academic Council, Board of studies, other administrative offices such as Controller of Examination, Training and Placement dept etc. Extensive consultation amongst various academic units, IQAC, finance committee College Development committee and other statutory bodies are instrumental in effective decision making. It may be noted that these bodies ensure proper communication without any bottlenecks and hurdles.

Through Effective governance of leadership, the efforts are to empower employees to excel and contribute towards the development of the organization.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jdcoem.ac.in/leadership/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Teaching and non teaching staff of the college is rprovided opportunity in decision making through decentralized, democratic participative manangement. Roll up approach is adopted by the management so as to give freedom to every individual so as to help the person to express freely on the matters of academics and various administrative issues.Various policies, procedures are finallized based on the feedback of the concerned. Their creative and critical suggestions are considered before finalizing the document.

The principal and his team of deans, heads of the department and section heads are involved in every important strategic decision. With the inputs from the various boards, Heads of the department the decision regarding starting of new course, redcution of intake etc is taken. Since the first batch of autonomy is yet to roll out so instead of very ambitious targets our strategic plan documents the strategies toenhance teaching learning, research and development, training and plaement, start up and entreprenurship, faculty devepment and admissions.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jdcoem.ac.in/leadership/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

In view of strategic plan implementation is its first phase following are the significant outcomes:

1. Training of teachers in outcome based pedagogy

2. Development of Elearning environment.

3. Funded projects

4 Training in concurrent technologies

5. Holistic development of students. These thrust areas have witnessed significant improvement.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	View File

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

The functioning of various institutional bodies are formed for effective and efficient implementation of various administrative and academic protocols. The HR manual adequately reflects the procedure for recruitment, leave management and other service rules. The faculties have been elevated to the higher administrative post to leverage their experience and expertise in the respective domains. The various bodies in the institute are:

1. College development committee

2. Governing body

3. Academic Council

4. Board of studies

5. IQAC

6. IIIC

7. Grievance Cell

8 ICC

9 Anti ragging cell**10 Examination cell**

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination
B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The teachers and non teachers are encouraged to give heightened performance in the allotted tasks. The faculties are provided various leaves such as medical leaves, Compensatory leaves, Grief Leave, Marriage leaves, duty leaves to carry out official duties and research work. The provisions are there to reimburse the travelling expenses, petrol allowance etc.

Based on the requirement of the faculties, the salary advance is provided to tie up the emergency. The faculty ward concession is provided for the faculties whose children are interested to pursue education at JDCOEM.

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

291

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

To ensure the regular checks and necessary corrective action, the internal and external audits are conducted. The internal audits are conducted after the completion of the semester. The department are share prior formats and necessary sensitization is being done in regular meetings of HODs, Deans.

External audits are conducted after every semester to get the peer feedback about the teaching learning processes. So that the institute can improve upon the seemingly weak areas.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The major source of revenue for the college is reimbursement of tuition fees of reserved category students by Govt. of Maharashtra, since these students are in majority in the college. The maximum dependency of the college is on the Govt. of Maharashtra. The delay in receipt of these funds affects the resource planning and mobilization of funds. The paucity of funds plays hindrance in meeting the operational and developmental expenses at certain times.

Based on the requirement and the availability of funds, the resources are mobilized.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

This is the first cycle of NAAC and our Autonomous batch is in second year, IQAC has been instrumental in improving the all spheres of teaching learning process as various criterions of NAAC focusses on different aspects like curricular, student support progression, research etc. In view of the same various committees are responsible to improve the performance in the respective domains.

Improvements are visible in placement, lifelong learning, research activities of students such as copyrights, research papers etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of

operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution periodically reviews the teaching learning process through various means such as surprise visits by the respective HOD's in classes. Regular counselling of teachers, monthly feedbacks from students, regular departmental meetings etc. Also semi annually audits are conducted. And these audits are designed to be very thorough and intends to improve the teaching learning process. Incentives and motivation to teachers performing well is also provided in the form of appreciation letters and annual best teacher awards. The findings of the audit are communicated to the departments for further improvements.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute ensures that gender equity prevails across all the departments and cadres. Moreover based on the merit and performance, the higher posts and promotions are given irrespective of the gender. More than 50% Heads of the departments are females. 50% of the deans are females. At other offices also the female faculties are occupying the higher posts and responsibilities.

To encourage the participation of female students, under various clubs and forums, the female representation is adequate. The gender audit is conducted annually to ensure that gender equity prevails. Various women empowerment initiatives are conducted. Both male and female students and faculty are oriented about the safety and interaction protocols they have to follow through Internal Complaint Committee.

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

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

D. Any 1of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The college is located amidst greenery. The huge well manicured lawns, gardens and other plantation areas is managed by the team of garden staff. The organic waste from the plants is processed for composting. Other organic waste is processed through sewerage lines. The campus propagates "No plastic Policy" The furnitures and fixtures are made of wood. We proactively avoid the usage of

plastic whenever and wherever possible.

During ebents, instead of bouqutes the saplings are offered to the guestsand dignitaries.Studnets are encouraged to avavoid reckless use of plastic. No litter policy is strictly followed. Necessary oreintation is given to the students during their induction program about the same.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: A. Any 4 or All of the above

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

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

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

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

E. None of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

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

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance,

D. Any 1of the above

reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

The institute proactively advocates inclusive environment without any discrimination based on caste, creed, religion, socio economic background etc. The HR manual documents zero tolerance towards such discrimination. The greetings of all the festivals of all the religion sare are share through whats app broadcast group for whats app status of all the facutlies and students. Celebrations such as garbha, Shankranti, Dahi Handi, Eid Iftar, etc are regularly carried out in the colege recieving active participation of all students and faculties. The HR manual clearly states zero tolerance for any sort of discrimination.

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

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

The institution takes additional efforts in ensuring that the students are Sensatized regarding constitutional obligations: values, rights, duties and responsibilities of citizens. Various subjects pertaining to topics such as universal human values are also included in the syllabus. Ocassions such as 26th January Republic Day and 15th August Independance Day are accompaniedby plays and music sensitizing about the responsibility of citizens. Also such events inclue speeches by eminent personalities having

same theme.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized C. Any 2 of the above

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

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

The institution takes additional efforts in ensuring that the students are sensitized regarding constitutional obligations: values, rights, duties and responsibilities of citizens. Various subjects pertaining to topics such as universal human values are also included in the syllabus. Occasions such as 26th January Republic Day and 15th August Independence Day are accompanied by plays and music sensitizing about the responsibility of citizens. Also such events include speeches by eminent personalities having same theme.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Teacher Guardian Scheme:

Objectives of the Practice ? To bridge the gap between the Students and Faculty ? To monitor the academic involvement and progress of students ? To solve issues faced by the students ? To inspire and motivate for higher studies and competitive examinations

Students Club:

Objectives of the practice: 1. To help students to explore and excel in their area of interest. 2. To provide the platform to the students to exhibit their latent potential. 3. To enable students to overcome stage fright. 4. To inculcate the spirit of brotherhood throughout the campus.

Centre for Performing Arts:

Objectives of the practice: 1 To provide proper training to the students in various performing arts such as dance, drama, music. 2 To prepare students for various competitions. 3 To help students to develop sense of appreciation for Indian music, dance etc.

Dedicated team for training of soft skills and aptitude:

Objectives: 1.To develop strong numerical aptitude & verbal abilities amongst the students. 2 To provide necessary soft skill interventions to the students so that they can ace the personal

interview. 3 To enhance the placement offers for the students.

And many more such practices are uploaded on the website.

File Description	Documents
Best practices in the Institutional website	https://jdcoem.ac.in/wp-content/uploads/2023/05/best-practices-1-2.pdf?time=1622208866
Any other relevant information	https://jdcoem.ac.in/wp-content/uploads/2023/05/best-practices-1-2.pdf?time=1622208866

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Holistic students development, enhancing the employability of the students and nurturing them as responsible citizens is the priority area of the college along with boost in research activities and consultancy. The efforts are being taken on both the fronts. The student-centric activities in curricular and co-curricular domains have been visible in the overall personality of the students.

The research activity has seen marginal increase during covid times. The teachers have filed, published patents in the recent past.

Improvement is the continuous process and all out efforts are being made to enhance the performance for the institute in thrust areas.

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Program Outcomes for every course are as mandated by All India Council for Technical Education. Course Outcomes are decided keeping in view the demographics of the students in terms of their qualifying examination marks, other previous academic credentials. For curricular branches, the Course Outcomes, Program Specific Outcomes are attributed adhering to National and global needs of the concerned industry.

In case of core branches of engineering such as Civil, Electrical, Mechanical, the requirement at local and regional level are also considered. Thrust is given of self employment opportunities as well as placement in the local industries. To decide the COs/PSOs along with departmental faculties, valuable insights are offered by industry representation at respective Board of Studies. Vital inputs are shared by Academic Council and Governing Body as well to enhance the student centric interventions in curriculum and other aspects.

File Description	Documents
Upload additional information, if any	View File
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

1

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

00

File Description	Documents
Curriculum / Syllabus of such courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

00

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	No File Uploaded

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

1

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	View File
List of Add on /Certificate programs (Data Template)	No File Uploaded

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The institute has introduced courses like Basic human rights (BHR) and Universal Human Values (UHV) to integrate cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

The objective of these courses are to: 1. Development of a holistic perspective based on self-exploration about themselves (human being), family, society and nature/existence. 2. Understanding (or developing clarity) of the harmony in the human being, family, society and nature/existence 3. Strengthening of self-reflection. 4. Development of commitment and courage to act.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

11

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

232

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**129**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

B. Any 3 of the above

File Description	Documents
Provide the URL for stakeholders' feedback report	Nil
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

C. Feedback collected and analysed

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile**2.1.1 - Enrolment of Students****2.1.1.1 - Number of students admitted (year-wise) during the year**

2066

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

0

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

At entry level, the slow learners and bright students are identified based on their overall performance in Internal Assessment. The mentors regularly monitor the progress of their mentees. The class teachers along with mentors assess the progress of the students after every IA test and the parents are intimated.

Guidelines to identify slow learners

Students scoring less than 40% of marks in Internal Assessment.

- Mentor follows the student's progress regularly; advise them about attending classes and making up missed classes.
- Intimating parents about their ward's performance.
- Conduction of remedial classes.

Guidelines to identify Bright students

Students awarded as First Class with Distinction (FCD) in their Semester exams.

Students are motivated to take up mini projects and encouraged to participate in inter college national fests.

- Encouraged to attend conferences, workshops and publish papers.
- Encouraged to take up competitive examinations like GATE, GRE etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
28/12/2020	2066	148

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

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

To ensure the effective delivery of teaching learning processes involving active students participation the following student centric methodologies are adopted apart from conventional chalk and talk method.

- The pedagogical interventions include Powerpoint presentation by the teachers and students. the students are assigned various topics within and beyond the syllabus for their scheduled presentation before the class. This helps students to understand the topic in detail as they have to undergo indepth preparation for the same.
- Video lectures from youtube, NPTEL, Coursera etc are

shared amongst the students ahead of the scheduled class so that the students get to know the topic in better manner. The links for these lectures are shared through departmental semesterwise WhatsApp groups.

- The students are assigned various subject specific activities to enhance their practical knowledge. Activities selected are such that they cover the most of the topics of the particular subject.
- Mini and major projects are assigned to students to implement their theoretical underpinnings.
- During pandemic times the students were provided appropriate assistance in case of difficulties faced while using online meeting platforms like Google Meet, Zoom etc.
- During online mode of teaching, to check the understanding daily quizzes were carried out.
- Based on the daily analysis of the above, the questions which got most incorrect response were discussed in the next class during first 10 minutes.
- The students were encouraged to access National Digital Library for remote access as during pandemic they were not in campus.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

To optimize effective teaching learning process, the following tools are used by the Institute:

1. Projectors- projectors are available in different classrooms/labs.
2. Desktop and Laptops- Arranged at Computer Lab and Faculty cabins all over the campus.
3. Printers- They are installed at Labs, HOD Cabins and all prominent places.
4. Photocopier machines - Multifunction printers are available at all prominent places in the institute.
5. Scanners- Multifunction printers are available at all prominent places.

6. Seminar Rooms- Three seminar halls are equipped with all digital facilities.
7. Auditorium- It is digitally equipped with mike, projector, cameras and computer system.
8. Online Classes through Zoom, Google Meet,)
9. MOOC Platform (NPTEL, Coursera, etc)
10. Digital Library resources (DEL NET, etc).

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

148

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic calendar is prepared before the commencement of the academic session. The office of the Dean Academics initiates the preparation of academic calendar in consultation with HoD's and section heads. All the norms laid out by AICTE regarding the duration of courses, National holidays, College level cultural events, co-curricular events, etc. are considered while preparing academic calendar.

End semester examination dates (Tentative) are also considered for the same. As soon as the Dean Academics office prepares and circulates the college level academic calendar, all the respective departments are required to prepare department level

academic calendars in accordance with the college level academic calendars. Events like faculty feedback, parent teacher meeting, meeting of Class Representative with HOD, Forum installation etc are mentioned in the academic calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

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

148

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

23

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

616

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

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

15.33

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

15

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

During Covid-19 Pandemic, all the examinations were conducted online including Mid Semester Examinations (MSE) and End Semester Examinations (ESE). All the exams were conducted online and papers were set adhering to Blooms Taxonomy using Google suit provided by the college.

1. The question paper was shared to the students Google Classroom 20-30 minutes before the start of exam. 2. Students

were asked to note down the questions on the paper. The entire examination was proctored by the invigilator on camera 3. Around 20-25 students were assigned to every teacher (Invigilator). 4. After the exam 15 minutes were given to the students to upload the pdf of answers written by them on Google classroom. Students were allowed to challenge the evaluation. If required, the Grade Moderation is done and the grades are submitted to COE and results are processed in Examination Sections. The presentation of results is done with the Principal and the committee before declaration. All possible efforts are made to declare the results within 15 days from the last date of Exam. In Oct.2019 we purchased the services of JUNO (EMS) however due to technical glitches the contract was terminated in FEB. 2021.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

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

The college has adequately displayed and communicated the CO's, PO's and PSO's for the concerned stakeholders on prominent displays in the departments and on the website. Sensitization about the same is done from time to time on various platforms such as :

- Induction programs for first year & lateral entry students.
- stationary materials
- Question papers
- Scheme & Syllabus Documents
- Assignments, etc.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

For every subject course outcomes are predefined in the scheme and syllabus. (The inputs for the same are sought from the academic and industry experts semi annually during BOS meetings). During entire teaching learning process various direct and indirect means and methods of evaluations are used such as assignments, tests, presentations, report writing, poster competition, quizzes, paper publications etc. to achieve desired course outcomes. Evaluation of attainment of COs is done at the end of the each semester after the declaration of results. This evaluation is done on the basis of the rubrics designed by the Dean (Academics) in consultation with all BOS (Chairman). Grade moderation sheet is provided to all the concerned subject teachers for mapping the CO attainment. Based on the attained COs target for the next years CO attainment are set. If required additional scrutiny is done to ensure the efficacy of the target set. This is done to prevent the overambitious CO target setting and effective monitoring of quality content delivery by teachers.

The Co attainment sheets are randomly evaluated during academic audits.

Program Outcome evaluation will be done on completion of program.

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

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

436

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

<https://jdcoem.ac.in/about-us/mandatory-disclosure/>

RESEARCH, INNOVATIONS AND EXTENSION**3.1 - Promotion of Research and Facilities**

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

JD College of Engineering and Management (JDCEM) strongly believe that our service is to disseminate knowledge through teaching and create new knowledge through research. For this it is necessary to foster a research culture amongst the faculty members and students along with necessary infrastructure and support facilities.

The R&D Cell is constituted with the following aims: 1. To cultivate strong research culture amongst faculty members and students. 2. To embed research in all levels of academic activity (undergraduate, postgraduate and PhD). 3. To increase the quantity and quality of our research outcomes. 4. To increase the sources of external research funding in order to build capacity, create new knowledge and research quality. Following document viz. R&D Policy is the collection of all the policies which are constituted for achieving our aims and objectives. The management reserves the right to take a

decision over and above in special cases, in the interest of the college the policy of performance-based incentive financial assistance for career development of faculty's. The purpose of the Research Policy is to bring a vibrant atmosphere.

Highlights of our R&D policy are

1. Financial assistance to faculties
2. Special rewards for faculties
3. Incentives for higher studies to faculties.
4. Incentives for external funding received.
5. Rewards for faculty performance appraisals.
6. Incentives to students.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

0

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	No File Uploaded
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	No File Uploaded
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

0

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	No File Uploaded
List of projects and grant details	No File Uploaded
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

0

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil
List of research projects during the year	No File Uploaded

3.2.3 - Number of teachers recognised as research guides

9

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

0

File Description	Documents
Supporting document from Funding Agencies	No File Uploaded
Paste link to funding agencies' website	Nil
Any additional information	No File Uploaded

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Entrepreneur Development Cell (EDC) of JDCOEM has been established in the year 2017-18 to encourage graduating engineers to consider Self-employment as a career option. This

cell promotes the Entrepreneurship through expert lectures, workshops, seminars, business plan, idea pitching competitions and outdoor activities. It also provides technical and marketing support from innovation to entrepreneurship. The advisory board of ED Cell continually contribute to the Innovation Ecosystem through breakthrough solutions and suggestion for solving critical problems, and motivating students to become Entrepreneur.

Entrepreneurship Centre also helps students from family business background to implement new ideas and scale new horizons by redefining traditional way of doing business. We assist students in developing and sustaining family businesses in the age of changing dynamics of global competition and organization. We aim to install qualities in students to contribute to efficiency and growth of their organizations.

We have eminent personalities on the Advisory Board of Entrepreneurship Centre who have made remarkable contribution to their respective business field. Students receive regular guidance from these industry stalwarts and understand the know-how of contemporary business to develop community oriented entrepreneurial spirit.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

15

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures

B. Any 3 of the above

implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

3

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	No File Uploaded

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

3

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

3

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

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

18

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	No File Uploaded

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

0

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

0

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	No File Uploaded
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

0

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	No File Uploaded
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

To inculcate the virtues of responsible citizenship apart from curricular and cocurricular activities the extension activities under the edges of students club, departmental forum and Kaushalya are undertaken round the year. The activities range from bringing awareness about glaring social issues such as drug abuse, save girl child, each one teach one, etc. The

interventions such as roleplays, streetplays, various competitions, health checkup camps etc. are carried out in association with the neighbouring villages. Students are encouraged to reach out oldage homes, orphanages, railway footpaths and alike to conduct various outreach activities. All these helps students to relate with the societal problems and they are also able to emaphthise with the sufferings of such people. Participation in such activities leads to holistic development in in students and students ar able to relate better with societal issues.

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

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	No File Uploaded
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

24

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year**1734**

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration**3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work****129**

File Description	Documents
Copies of documents highlighting collaboration	No File Uploaded
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)**0**

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	No File Uploaded
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES**4.1 - Physical Facilities**

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

JDCOEM is situated amidst lush green and eco freindly campus

encompassing sprawling area of 10.24 acres. The following is the detailed description of the physical facilities meant for teaching learning, laboratories and computing equipments.

Total 29 classroom area 41306 sq ft

59 laboratories 50930 sq ft

Central library 610 sq ft

Auditorium 3000 sq ft

Common rooms 2170 sq ft

Administrative area 6272 sq ft.

There are 5 buildings which accommodate the above facilities and are equipped with wi fi connectivity. Class rooms are enabled with ICT facilities.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

Adequate facilities are provided to conduct outdoor and indoor games along with facilities to conduct various programs. Outdoor sports facilities include cricket, football, volleyball and other native games such as Kho kho, Kabbadi etc. Indoor sports facilities include table tennis, badminton, carrom, chess. Yoga sessions are conducted on expansive green lawns of the college.

Auditorium is equipped with PA system, projectors etc to conduct the various events of departmental students forums and student clubs.

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

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

29

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

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

00

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	No File Uploaded
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

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

Library is automated and used Synchronic Lintegrated Library Management System. Acquistion, circulation, issue, return etc are conducted through this Synchroc ILMS since inception. There are 8847 titles and volume 34283. Apart from the physical books, the library has E resources such as DELNET, e books , journals etc for the use of students and faculties. The college is the member of National Digital Library. All the studnets and faculties are registered on NDL.

Synchronic version 2.5 ensures the following:

Cataloging:

- Bibliographic details
- Search Cataloging

Circulation:

- Issue, Return
- Check in check out

OPAC:

- Various types of searches

Reports:

- Accession register
- Gaphical data
- Finacial data
- Member history
- Branchwise inventory of books
- Detailed circulation transaction

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	C. Any 2 of the above
---	------------------------------

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**Nil**

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

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**4.2.4.1 - Number of teachers and students using the library per day during the year****14311**

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The campus is Wi-Fi enabled with a Wi-Fi controller, secured through a UTM firewall and is hosted through server. The configurations of server are as follows:

Intel Xeon E5-2603V4 1.7 GHZ

Processor: 32GB RDIMM 2400MT/S Dual Rank/

2 TB 7.2 k RPM SATA 6GBPS 3.5in Hot

Plug Hard Drive/DVD+/RW/PERC H330 Raid

Controller, Mini Card/Dual, Hot Plug

Redundant Power Supply 495W, Dell USB Key/

Dell USB Optical Mouse/Dell 18.5 inch Wide LED Monitor.

Operating System:- Windows Server 2012

The institute has various computer laboratories catering to the needs of the students. In all 786 computers are available in the college across all labs and departments. Various freeware softwares are also provided to students. Licensed softwares are also available.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
2011	786

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus D. 5 Mbps - 20 Mbps

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

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

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

23.60

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	No File Uploaded

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

Standard operating Procedures (SOP's) for maintaining and utilizing academic infrastructure and other facilities are laid down.

Annually Laboratory audits are carried out and stock verification is also carried out and equipment are identified for repair / write-off purpose.

Various common facilities are assigned to respective incharges such as maintenance incharge who is responsible for maintenance of entire physical infrastructure of the college such as classrooms, sports grounds, laboratories, etc. Team of plumbers and carpenters and other assistants work with maintenance supervisor. The various issues regarding maintenance are routed through google sheets. Apart from this the maintenance supervisor periodically inspects various facilities personally. Prior approvals of director is taken in case of monetary requirements to carry out the work. Routine pest control is also done by the maintenance team.

Electrical superviosr along with the team of electricians is responsible for maintenance of electric fittings and fixtures across the college premises. electrical supervisor is also responsible for maintaining generator facility.

Computing facilities are looked after by a dedicated team of IT & networking technicians. The maintenance and repairs are routed through google sheets.

Sports infrastructure is looked after by sports incharge. Departmental sports incharges reporting to Dean students.

Dedicated team of gardeners is present for looking after the lush green gardens available at campus.

The above teams also ensure to address the issues of maintenance and other requirements of administrative buildings.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1902

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

00

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	View File
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year	
00	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances	A. All of the above

through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression**5.2.1 - Number of outgoing students who got placement during the year**

204

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

00

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	No File Uploaded
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year**5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year**

00

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

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

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The institute believes in involving all the stakeholders in the various processes. The students are given due representation in following academic and administrative bodies of the institution:

1. Class representatives are nominated on the basis of academic performance of the students. These CRs are the bridge between students and teachers to address the related issues if any.

2. Students are given representation on Internal Complaint Committee, Grievance Cell, Anti Ragging Cell etc.

3. 15+ students clubs which are by the students for the students give adequate exposure to the students in decision making, crisis management, people management etc. The club members are selected based through rigorous interview process based on their nominations by the jury constituting departmental forum incharges, Dean(Students), outgoing studentsclub president etc.

4. Departmental forums are there to conduct various co-curricular activities by the students. The forum office bearers are appointed by the respective HoDs and their teams.

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

5.3.3 - Number of sports and cultural events / competitions organised by the institution

24

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

JD College of Engineering & Management registers every passing out student into its Alumni association to effectively connect with alumni and enhance the network. The college is in process of subscribing to online alumni portal Waave.

The communication with alumni is coordinated by departmental faculty alumni incharges. The central TPO and alumni incharges will share the updates about job opportunities, training domains and also the achievements of college time to time through various departmental alumni group of every batch. In order to enable the alumnis to stay connected with the teachers. The teachers are also registered on the portal. Since the alumni base is expanding to various cities, efforts will be in progress to form the alumni chapters of the college in cities such as Mumbai, Pune, Bangalore, etc. Alumni are invited/ connected by the departments to deliver experience sharing sessions, expert lectures, etc.

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

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance of the instittution is reflective of an effective leadership in accordance with the vision and mission of the institution. The management firmly beleives in urturing human resources and enable every resource to explore their maximum potential in all aspects of academics, management administration.

The partcipative governance, bottom up approach in decision making is helping human resources to realize their latent potential. The teachers have been given representation on Governing Body, Academic Council, Board of studies, other administrative offices such as Controller of Examination, Training and Placement dept etc. Extensive consulation amongst various academic units, IQAC,finace commiitee College Development committee and other statutory bodies are instrumental in effective decision making. It may be noted that theses bodies enusre proper communication without any bottlenecks and hurdles.

Through Effective governaance of leadership, the efforts are to empower employees to excel and contribute towards the development of the organization.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jdcoem.ac.in/leadership/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Teaching and non teaching staff of the college is provided opportunity in decision making through decentralized, democratic participative management. Roll up approach is adopted by the management so as to give freedom to every individual so as to help the person to express freely on the matters of academics and various administrative issues. Various policies, procedures are finalized based on the feedback of the concerned. Their creative and critical suggestions are considered before finalizing the document.

The principal and his team of deans, heads of the department and section heads are involved in every important strategic decision. With the inputs from the various boards, Heads of the department the decision regarding starting of new course, reduction of intake etc is taken. Since the first batch of autonomy is yet to roll out so instead of very ambitious targets our strategic plan documents the strategies to enhance teaching learning, research and development, training and placement, start up and entrepreneurship, faculty development and admissions.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jdcoem.ac.in/leadership/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

In view of strategic plan implementation is its first phase following are the significant outcomes:

1. Training of teachers in outcome based pedagogy
2. Development of Elearning environment.
3. Funded projects
- 4 Training in concurrent technologies
5. Holistic development of students. These thrust areas have witnessed significant improvement.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	View File

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

The functioning of various institutional bodies are formed for effective and efficient implementation of various administrative and academic protocols. The HR manual adequately reflects the procedure for recruitment, leave management and other service rules. The faculties have been elevated to the higher administrative post to leverage their experience and expertise in the respective domains. The various bodies in the institute are:

1. College development committee
2. Governing body
3. Academic Council
4. Board of studies
5. IQAC
6. IIIC

7. Grievance Cell

8 ICC

9 Anti ragging cell

10 Examination cell

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

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

B. Any three of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	No File Uploaded
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

The teachers and non teachers are encouraged to give heightened performance in the allotted tasks. The faculties are provided various leaves such as medical leaves, Compensatory leaves, Grief Leave, Marriage leaves, duty leaves to carry out official duties and research work. The provisions are there to reimburse the travelling expenses, petrol allowance etc.

Based on the requirement of the faculties, the salary advance

is provided to tie up the emergency. The faculty ward concession is provide for the facutlies whose children are interested to pursue education at JDCOEM.

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

291

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

To ensure the regular checks and necessary corrective action, the internal and external audits are conducted. The internal audits are conducted after the completion of the semester. The department are share prior formats and necessary sensitization is being done in regular meetings of HODs, Deans.

External audits are conducted after every semester to get the peer feedback about the teaching learning processes. So that the institute can improve upon the seemingly weak areas.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The major source of revenue for the college is reimbursement of tuition fees of reserved category students by Govt. of Maharashtra, since these students are in majority in the college. The maximum dependency of the college is on the Govt. of Maharashtra. The delay in receipt of these funds affects the resource planning and mobilization of funds. The paucity of funds plays hindrance in meeting the operational and developmental expenses at certain times.

Based on the requirement and the availability of funds, the resources are mobilized.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

This is the first cycle of NAAC and our Autonomous batch is in second year, IQAC has been instrumental in improving the all spheres of teaching learning process as various criterions of NAAC focusses on different aspects like curricular, student support progression, research etc. In view of the same various committees are responsible to improve the performance in the respective domains.

Improvements are visible in placement, lifelong learning, research activities of students such as copyrights, research papers etc.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution periodically reviews the teaching learning process through various means such as surprise visits by the respective HOD's in classes. Regular counselling of teachers, monthly feedbacks from students, regular departmental meetings etc. Also semi annually audits are conducted. And these audits are designed to be very thorough and intends to improve the teaching learning process. Incentives and motivation to teachers performing well is also provided in the form of appreciation letters and annual best teacher awards. The findings of the audit are communicated to the departments for further improvements.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities**7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

The institute ensures that gender equity prevails across all the departments and cadres. Moreover based on the merit and performance, the higher posts and promotions are given irrespective of the gender. More than 50% Heads of the departments are females. 50% of the deans are females. At other offices also the female faculties are occupying the higher posts and responsibilities.

To encourage the participation of female students, under various clubs and forums, the female representation is adequate. The gender audit is conducted annually to ensure that gender equity prevails. Various women empowerment initiatives are conducted. Both male and female students and faculty are oriented about the safety and interaction protocols they have to follow through Internal Complaint Committee.

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

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

D. Any 1of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The college is located amidst greenery. The huge well manicured lawns, gardens and other plantation areas is managed by the team of garden staff. The organic waste from the plants is processed for composting. Other organic waste is processed through sewage lines. The campus propagates "No plastic Policy"

The furnitures and fixtures are made of wood. We proactively avoid the usage of plastic whenever and wherever possible.

During ebents, instead of bouqutes the saplings are offered to the guestsand dignitaries.Studnets are encouraged to avavoid reckless use of plastic. No litter policy is strictly followed. Necessary oreintation is given to the students during their induction program about the same.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	View File
Any other relevant information	View File

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

C. Any 2 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

<p>7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4. Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	E. None of the above
--	----------------------

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

<p>7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information:</p>	D. Any 1of the above
---	----------------------

Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

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

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

The institute proactively advocates inclusive environment without any discrimination based on caste, creed, religion, socio economic background etc. The HR manual documents zero tolerance towards such discrimination. The greetings of all the festivals of all the religion sare are share through whats app broadcast group for whats app status of all the facutlies and students. Celebrations such as garbha, Shankranti, Dahi Handi, Eid Iftar, etc are regularly carried out in the colege recieving active participation of all students and faculties. The HR manual clearly states zero tolerance for any sort of discrimination.

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

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

The institution takes additional efforts in ensuring that the students are Sensatized regarding constitutional obligations: values, rights, duties and responsibilities of citizens. Various subjects pertaining to topics such as universal human

values are also included in the syllabus. Occasions such as 26th January Republic Day and 15th August Independence Day are accompanied by plays and music sensitizing about the responsibility of citizens. Also such events include speeches by eminent personalities having same theme.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

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

C. Any 2 of the above

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

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

The institution takes additional efforts in ensuring that the students are sensitized regarding constitutional obligations: values, rights, duties and responsibilities of citizens. Various subjects pertaining to topics such as universal human

values are also included in the syllabus. Occasions such as 26th January Republic Day and 15th August Independence Day are accompanied by plays and music sensitizing about the responsibility of citizens. Also such events include speeches by eminent personalities having same theme.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Teacher Guardian Scheme:

Objectives of the Practice ? To bridge the gap between the Students and Faculty ? To monitor the academic involvement and progress of students ? To solve issues faced by the students ? To inspire and motivate for higher studies and competitive examinations

Students Club:

Objectives of the practice: 1. To help students to explore and excel in their area of interest. 2. To provide the platform to the students to exhibit their latent potential. 3. To enable students to overcome stage fright. 4. To inculcate the spirit of brotherhood throughout the campus.

Centre for Performing Arts:

Objectives of the practice: 1 To provide proper training to the students in various performing arts such as dance, drama, music. 2 To prepare students for various competitions. 3 To help students to develop sense of appreciation for Indian music, dance etc.

Dedicated team for training of soft skills and aptitude:

Objectives: 1.To develop strong numerical aptitude & verbal abilities amongst the students. 2 To provide necessary soft skill interventions to the students so that they can ace the personal interview. 3 To enhance the placement offers for the students.

And many more such practices are uploaded onthe website.

File Description	Documents
Best practices in the Institutional website	https://jdcoem.ac.in/wp-content/uploads/2023/05/best-practices-1-2.pdf?time=1622208866
Any other relevant information	https://jdcoem.ac.in/wp-content/uploads/2023/05/best-practices-1-2.pdf?time=1622208866

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Holistic students development, enhancing the employability of the students and nurturing them as responsible citizens is the priority area of the college alongwith boost in research activities and consultancy. The efforts are being taken on both the fronts. The studnets centric activitiies in curricular and co-curricular domains have been visible in the overall perosonality of the students.

The research activity has seen marginal increase during covid times. The teachers ahve filed, published patents in the recent past.

Imporovement is the continous process and all out efforts are being made to enahcne the performance for the instittute in thrust areas.

File Description	Documents
Appropriate link in the institutional website	https://jdcoem.ac.in/campus-life/clubs-activities/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

For the forthcoming academic year we are planning to achieve the following:

1. Improve the visibility of the college.
2. Improve the research credentials.
3. Enhance the placement in tier one companies.
4. Green initiatives.