



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	<b>J D College of Engineering and Management</b>
• Name of the Head of the institution	<b>Dr. Shrikant Sonekar</b>
• Designation	<b>Principal</b>
• Does the institution function from its own campus?	<b>Yes</b>
• Phone No. of the Principal	<b>07720039691</b>
• Alternate phone No.	<b>9823583089</b>
• Mobile No. (Principal)	<b>07720039691</b>
• Registered e-mail ID (Principal)	<b>principal@jdcoem.ac.in</b>
• Address	<b>Near Hanuman Temple, Borgaon Fata, Kalmeshwar Road</b>
• City/Town	<b>Nagpur</b>
• State/UT	<b>Maharashtra</b>
• Pin Code	<b>441501</b>
<b>2.Institutional status</b>	
• Autonomous Status (Provide the date of conferment of Autonomy)	<b>05/08/2019</b>
• Type of Institution	<b>Co-education</b>
• Location	<b>Rural</b>

• Financial Status	<b>Self-financing</b>				
• Name of the IQAC Co-ordinator/Director	<b>Dr. Ujwala S Dange</b>				
• Phone No.	<b>9011010038</b>				
• Mobile No:	<b>9011010038</b>				
• IQAC e-mail ID	<b>usdange@jdcoem.ac.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/AQAR/AQAR2020-21.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/AQAR/AQAR2020-21.pdf</a>				
<b>4.Was the Academic Calendar prepared for that year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://jdcoem.ac.in/wp-content/uploads/2023/08/Academic-calender-1st-SEM-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2023/08/Academic-calender-1st-SEM-2021-22.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>A</b>	<b>3.16</b>	<b>2017</b>	<b>12/09/2017</b>	<b>31/12/2024</b>
<b>6.Date of Establishment of IQAC</b>			<b>16/08/2016</b>		
<b>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.)?</b>					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	
<b>8.Provide details regarding the composition of the IQAC:</b>					
• Upload the latest notification regarding the composition of the IQAC by the HEI	<a href="#">View File</a>				
<b>9.No. of IQAC meetings held during the year</b>	<b>3</b>				

<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?</li> </ul>	Yes	
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10. Did IQAC receive funding from any funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Some of the most significant contributions made by IQAC during the academic session 2021-22 were as follows: 1. To enhance the entrepreneurial spirit among the students application for Incubation Center was initiated. 2. To make students more employable CRT Training was finalized for implementation. 3. Proposal for New Courses courses were introduced in accordance with the prevailing industry trends. 4. The merger of JD Polytechnic with JD COEM was initiated. 5. Skill Development courses were introduced to make students job ready.</p>		
<b>12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:</b>		

Plan of Action	Achievements/Outcomes				
To inculcate the spirit of entrepreneurship and start up among st the studentsdents	RTMNU sanctioned incubation centre				
To enhance the employ ability of the students	The CRT areas in concurrent technologies were identified				
The proposal of new courses was initiated	The proposal of increase intake, reduction of intake was submitted				
The merger of JD Polytechnic with JDCOEM	In view of optimizing resource sharing , the proposal of merger of JDCOEM with JDP was initiated.EMEM with JDP was iniitated.				
<b>13.Was the AQAR placed before the statutory body?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name of the statutory body</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>IQAC</td> <td>22/04/2022</td> </tr> </tbody> </table>		Name of the statutory body	Date of meeting(s)	IQAC	22/04/2022
Name of the statutory body	Date of meeting(s)				
IQAC	22/04/2022				
<b>14.Was the institutional data submitted to AISHE ?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Year</li> </ul>					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2022</td> <td>20/12/2022</td> </tr> </tbody> </table>		Year	Date of Submission	2022	20/12/2022
Year	Date of Submission				
2022	20/12/2022				
<b>15.Multidisciplinary / interdisciplinary</b>					
<p>To encourage studnets to gain the knowledge of various discplines, the college has introduced Open Electives. Here the studnets have an opportunity to learn beyond their branches. Studnets are also encouraged to pursue MOOCS on the subject/domain oftheir choice. The sutable wiehgtage for the same is given in the internal assemmment for the students. The students are encouraged to pursue</p>					

interdisciplinary projects to strengthen multidisciplinary and interdisciplinary learning.

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):**

The Academic Bank of Credits (ABC), as envisioned by the National Education Policy 2020, holds significant importance for students in India. The ABC serves as a virtual mechanism that manages the academic credits earned by students in Higher Education Institutes (HEIs) across India. Recognized by the University Grants Commission (UGC), it plays a pivotal role in enhancing academic mobility and flexibility.

In order to fulfill the vision of NEP2020 and provide students with flexibility Academic Bank of Credits (ABC) has been implemented as per the directives from AICTE.

#### **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 languages 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 along with 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 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**2.Student**2.1 1863

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 518

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 1863

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

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

**3.Academic**3.1 537

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 144

Number of full-time teachers during the year:

## Extended Profile

### 1. Programme

1.1 10

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 2. Student

2.1 1863

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	<a href="#">View File</a>

2.2 518

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.3 1863

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

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 3. Academic

3.1 537

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

3.2 144



Number of full-time teachers during the year:		
File Description	Documents	
Institutional Data in Prescribed Format	<a href="#">View File</a>	
3.3	146	
Number of sanctioned posts for the year:		
<b>4.Institution</b>		
4.1	294	
Number of seats earmarked for reserved categories as per GOI/State Government during the year:		
4.2	33	
Total number of Classrooms and Seminar halls		
4.3	450	
Total number of computers on campus for academic purposes		
4.4	994.35832	
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 circuitual 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	<a href="#">View File</a>
Link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Curriculum Relevance to PSO 2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Curriculum Relevance to PSO 2021-22.pdf</a>

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

99

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

142

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

101

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

## 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 institue has introduced courses like Basic human rights (BHR)

and Universal Human Values (UHV), Consumer Affairs 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.

The objective of all the above courses is to empower students towards humanizing technology so that they can be deeply connected to the societal roots.

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

166

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

4369

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

1334

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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**      **A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Stakeholder-feedback-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Stakeholder-feedback-2021-22.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.4.2 - The feedback system of the Institution comprises the following**      **A. Feedback collected, analysed and action taken made available on the website**

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Students_feedback21-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Students_feedback21-22.pdf</a>
Any additional information	<a href="#">View File</a>

## 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

1863

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 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)

292

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

### 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 as and when required.
- During tutorial classes one to one doubt solving sessions are undertaken.

**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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/2.2.1_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/2.2.1_2021-22.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/11/2021	1863	144

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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 whats app 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.
- As and when required students can connect via online meeting platforms like google meet, zoom etc.
- The students were encouraged to access National DigitalLibrary for remote access when they are not in campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Student-Centric_learning_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Student-Centric_learning_2021-22.pdf</a>

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	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/2.3.2-ICT-FACILTY_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/2.3.2-ICT-FACILTY_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

131

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 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	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

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

144

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

31

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

866

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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

8.37

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

33

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

Continuous Assessment is carried out as per academic calender. There are 2 unit tests per semester and 1 Mid Semester Exam. 50% of internal marks are allotted as per the score secured in the Mid Semester Exams. Students are also encouraged to undertake activities like assignments, Quizzes, presentations, report preparation & submissions, poster presentations, etc. Eachof these activities are allotted marks. At the end of each semester students are allotted marks based on the number and quality of activities performed.

End Semester Exams are conducted by the Exam Section.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 in FEB. 2021.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-MANUAL-WITH-AMENDMENTS.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-MANUAL-WITH-AMENDMENTS.pdf</a>

## 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)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/CO-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/CO-2021-22.pdf</a>

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

For every subject course oucomes 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 concerend 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/OUTCOME-BASED-EDUCATION-MANUAL.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/OUTCOME-BASED-EDUCATION-MANUAL.pdf</a>

## 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

491

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-ANNUAL-REPORT-OF-COE-2021-22-1.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-ANNUAL-REPORT-OF-COE-2021-22-1.pdf</a>

## 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/wp-content/uploads/2024/02/2.7.1-STUDENT-SATISFACTION-SURVEY-2021-22.pdf>

**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	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.1.1/21-22/3.1.1-21-22-II-Research-Policy.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.1.1/21-22/3.1.1-21-22-II-Research-Policy.pdf</a>
Any additional information	<a href="#">View File</a>

### 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)

3

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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)

12.22905

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.2.2 - Number of teachers having research projects during the year

17

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.2.2/21-22/3.2.2-AdditionalInfo.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.2.2/21-22/3.2.2-AdditionalInfo.pdf</a>
List of research projects during the year	<a href="#">View File</a>

#### 3.2.3 - Number of teachers recognised as research guides

22

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

17



File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://goyalgroupindia.in/">https://goyalgroupindia.in/</a>
Any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.3.1/21-22/3.3.1.incubation-2021-22.Latest.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.3.1/21-22/3.3.1.incubation-2021-22.Latest.pdf</a>

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

11

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.4 - Research Publications and Awards

**3.4.1 - The Institution ensures 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**

**A. All of the above**

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

14

File Description	Documents
URL to the research page on HEI website	<a href="https://jdcoem.ac.in/research/">https://jdcoem.ac.in/research/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

123

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

22

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.4.4/21-22/3.4.4-book-published-21-22-Additional-Info.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.4.4/21-22/3.4.4-book-published-21-22-Additional-Info.pdf</a>

### 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

490

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 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

60

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 3.5 - Consultancy

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

20.6852

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

0.23

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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 old age 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.6.1/2021-22/3.6.1-2021-22-Extension-&amp;-outreach-Activity.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.6.1/2021-22/3.6.1-2021-22-Extension-&amp;-outreach-Activity.pdf</a>

### 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**

10

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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)**

12

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

693

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

181

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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)**

7

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 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.

The J D College of Engineering and Management (JDCOEM) offers a picturesque campus spanning 10.24 acres, committed to providing modern infrastructure for education and research. The facilities include 33 classrooms including seminar rooms, fostering interactive learning experiences. Additionally, 59 specialized laboratories spread enable hands-on practical learning across disciplines. The central library houses an extensive collection of academic resources. For events, an auditorium accommodates seminars, conferences, and cultural performances. Common rooms provide collaborative spaces for students' relaxation and discussions. Administrative functions are managed to ensure smooth operations. These facilities are meticulously maintained, reflecting JDCOEM's commitment to creating an environment conducive to learning, research, and personal development. Such state-of-the-art infrastructure underscores the institution's dedication to supporting students in achieving their academic and career goals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Additional-Information.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Additional-Information.pdf</a>

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

The institution prioritizes holistic student development through a range of sports, cultural, and extracurricular activities. Sports are managed by dedicated personnel and student council members, facilitating training and participation in university and national-level events. The institute provides well-equipped indoor sports facilities and collaborates with local entities for outdoor sports. Yoga and meditation spaces contribute to the mental and physical well-being of faculty and students. Cultural activities occur throughout the academic year, utilizing outdoor spaces and auditoriums for events. Various clubs cater to diverse interests, including dramatics, music, literature, photography, dance, robotics, coding, Google development, and gaming. Students actively participate and organize these events, fostering a competitive and encouraging environment. The institution's objective is to unearth and nurture student talents while promoting overall personality development. With adequate infrastructure and student-driven initiatives, the institution strives to provide a comprehensive educational experience that goes beyond academics, emphasizing the importance of sports, culture, and extracurricular activities in shaping well-rounded individuals.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/2021-22.pdf</a>

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



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

66.91

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Swami Vivekanand Library at JD COEM serves as a comprehensive repository of knowledge, featuring thousands of books across various disciplines. It encompasses spacious reading rooms, discussion rooms, a reference section, and a computer center, designed to utilize natural light for an ideal study environment. The library is a member of prestigious networks such as DELNET, providing access to a vast array of electronic resources including e-journals like IEEE and ASCE. Additionally, it offers online public access catalog (OPAC) facilities and services such as reprographic and Wi-Fi access. Library has a reading room catering to the needs of students, faculty, and staff, offering membership with specific borrowing privileges. The library is staffed by qualified professionals, including a librarian and assistant librarians. Moreover, it is fully automated using ERP software, ensuring efficient operations. Rules and regulations are in place to maintain decorum and manage the circulation of materials effectively, with penalties for violations such as overdue books or damage to library resources.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/BookList-DepartmentWise.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/BookList-DepartmentWise.pdf</a>

**4.2.2 - Institution has access to the following: A. Any 4 or more 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	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

**1.59**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

**15**

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

JDCOEM prioritizes technological advancement, offering IT-enabled services to all stakeholders. With an extensive IT infrastructure, including multi-core fiber optic cables connecting buildings in a star network topology, the college ensures efficient communication. The allocation of funds for IT expansion and modernization, including upgraded Wi-Fi bandwidth of 360 Mbps, underscores its commitment to technological excellence. The Unified Thread Management System enhances cyber security, managing web and application protection, network traffic shaping, and user authentication. This system also regulates Wi-Fi access, ensuring secure digital environments for learning. Cybersecurity policies encompass regular software updates, strong password protocols, firewalls, and training programs to educate users on best practices. Content filtering safeguards against harmful websites, while data backups and disaster recovery plans ensure operational continuity. Detailed configurations include servers for ERP and utility services, unified threat management devices, and Wi-Fi access points strategically placed across campus buildings. With a robust IT infrastructure and stringent cyber security measures, JDCOEM cultivates a safe and conducive digital learning environment for its students and faculty.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/IT-POLICY.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/IT-POLICY.pdf</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1863	450

File Description	Documents
Upload any additional information	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in A. ?50 Mbps

### the Institution and the number of students on campus

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

**4.3.4 - Institution has facilities for e-content development:** **A. All four of the above Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Facilities-for-econtent-development-2020-21-onwards.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Facilities-for-econtent-development-2020-21-onwards.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

### 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)**

**927.44**

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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.

JDCOEM implements thorough systems for the maintenance and utilization of its physical, academic, and support facilities. Each department manages its facilities with in-house staff,

ensuring regular checks and prompt addressing of breakdowns. Laboratories are overseen by lab in-charges who maintain and upgrade equipment, conduct dead stock verification, and monitor performance. The central library, managed by the librarian and staff, focuses on material availability and annual stock verification, procuring books based on departmental needs. The sports in-charge maintains sports facilities, issues equipment, and records usage and activities. Classrooms are allocated and cleaned daily, with supervision from institute staff. IT facilities are managed by technicians and system administrators, with vendor assistance for major maintenance. Electrical and plumbing maintenance is handled by employed technicians, while housekeeping staff maintains gardens. Network and system administration teams manage CCTV and security systems, with external agencies maintaining equipment like projectors and air conditioners. Overall, these systematic approaches ensure efficient facility management, enhancing the academic environment at JDCEM.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/maintenance-policy.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/maintenance-policy.pdf</a>

## 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

1786

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

66

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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	<a href="https://jdcoem.ac.in/campus-life/clubs-activities/">https://jdcoem.ac.in/campus-life/clubs-activities/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

**2787**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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'**

**A. All of the above**

## **grievances Timely redressal of grievances through appropriate committees**

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **5.2 - Student Progression**

### **5.2.1 - Number of outgoing students who got placement during the year**

420

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### **5.2.2 - Number of outgoing students progressing to higher education**

10

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### **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**

03

File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

17

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/Student-Concil-21-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/Student-Concil-21-22.pdf</a>

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

51

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/Alumni-Registration-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/Alumni-Registration-2021-22.pdf</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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 model of the college ensures that teachers participate in the decision making bodies of the college.

Management, Directors and Principal actively participate in the Governing Body to ensure the policy statements and action plans are aligned for attaining the mission & vision of institute.

The Principal frames the rules and regulations in consultation with Governing body and Academic council of the institution. Deans, Heads of Departments, Section Heads & IQAC, work in tandem to ensure smooth administration. The senior professors, with assistance of faculty members, are part of Various Statutory & Non Statutory Committees that assist the Principal in routine administration and academic processes.

The Academic Council, Respective Board of Studies, with the support of CoE & Dean Academics govern the academic functioning of the College. Dean Academics is responsible for smooth conduction of Academic activities. The respective BoS is responsible for framing Curriculum as per the needs of the stakeholders, ensuring effective teaching and learning processes, fostering conducive atmosphere for research and development and encouraging lifelong learning.

The management periodically takes review of the policies, the implementation of the action plans.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision Mission.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision Mission.pdf</a>

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.

Active Participation is encouraged through delegation of various authority & responsibility through various important portfolios & committees at central level.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision_Mission.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision_Mission.pdf</a>

## 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.

6. An active Interdisciplinary Research Cell has been established in the college.

The number of patents applied for & granted has gone up. 17 Patents have been published & 5 patents granted in 2021-22.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.1/2021-22/6.2.1 Additional information 2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.1/2021-22/6.2.1 Additional information 2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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 college has constituted statutory and non-statutory bodies that function in compliance with the vision, regulations, policies, and statutes stipulated by the government, UGC, affiliating university and the organisation.

The Organization structure comprises of the Management of the College, Governing Body, Academic Council and Boards of Studies, Directors, Principal, Deans, Section Heads, Head of the Departments.

1. Rules for Appointments and Services: The College has clear standards and procedures in place for hiring and promoting employees. The service norms and regulations of the university/state government and UGC apply to the appointment of aided personnel. The college's HR policy is followed in the selection, recruiting, and advancement of the unaided staff. Excellent and efficient teaching-learning processes have been produced as a result of prompt hiring and promotion of qualified faculty.

2. Policies: The college's well-written rules on quality, human resources, research, student support and welfare measures, IT, infrastructure, and other issues, as well as a clearly stated code of conduct, are all available on the college website

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Organogram_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Organogram_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Additional_information_HR_Manual_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Additional_information_HR_Manual_2021-22.pdf</a>

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

**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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 following are the welfare measures extended to the teaching and non-teaching staff of the Institute:

- Financial Assistance
- Emergency Salary Advance
- Paid Vacation
- Physical and Health Assistance
- Free Medical Camps/Check-ups for all Staff
- Awards and Acknowledgements
- Felicitation of new Ph.D. holders, Awards for Best Researcher, Best Faculty, Special Contribution, Best Performer in NPTEL
- Awards for Non-Teaching staff like Best Staff, Special Contribution
- 
- Miscellaneous Welfare measures
- Paid Leaves
- Bereavement Leave
- Subsidized Bus facility
- Discounted Fees for children of Staff studying in the college

Avenues for Career Development / Career Advancement

- Free Capacity building trainings and orientation programs for staffs
- Workshop on ICT tools for effective teaching-learning
- On Duty Leave for attending Conferences, Workshops

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.3.1/2021-22/6.3.1_Additional_information_2021-22_welfare_measures.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.3.1/2021-22/6.3.1_Additional_information_2021-22_welfare_measures.pdf</a>

### 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

84

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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.)

88

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

### 6.4.1 - Institution conducts internal and external financial audits regularly

The college has mechanism of both internal and external audits for the financial activities carried out in the Institution every Year.

**Internal Audit:** The Principal constitutes an Internal Audit Committee with three members. The audit is conducted on a Sampling basis to check the correctness of the financial transactions and statement affairs of the College. The Committee verifies Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts sample check on the heads of various accounts, balance dates, and postings.

#### External Audit:

Mr. Vivek Tiwari has been auditor for the College. An annual external audit is conducted, and the reports are submitted to the management. The Finance Committee ratifies these reports.

Accounts department maintains financial accounts, prepares financial statements audited by external auditor and submits them to all the statutory bodies like AICTE, UGC and State Government as and when required.

With all statutory obligations duly complied, there were no major audit objections until the last audit.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.1/2021-22/6.4.1_Additional-information_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.1/2021-22/6.4.1_Additional-information_2021-22.pdf</a>

#### 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)

2.37706

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

The institution has developed strategies for mobilizing resources and ensures transparency in financial management. The institute follows established procedures and processes for planning and allocation of financial resources.

The income and expenditure of the institution are subjected to regular internal and external audit.

##### Mobilization of Funds:

Tuition fee received from Students & Government, Bus Fees, Examination Fees paid by the students, Research grants from different agencies, Amount Received for Consultancy services undertaken by Faculty members, Interest on bank deposits. Other funds include the corpus funds and loans from banks received for infrastructure development.

##### Utilization of Funds:

The College utilizes funds for:

Salary, New Infrastructure Development, Procurement of Equipments, Repair & Maintenance of Office Equipments, Computers, building, furniture, bus, & garden, Student & Faculty Development expenses, Conducting Seminars/ Workshops & Extension activities, Library Expenses, Examination Expenses.

Other expenses include Telephone, Internet, Power and Fuel, Printing and Stationary, Affiliations and Renewals, Travelling and Conveyance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.3/2021-22/BUDGET_%202021-22-1-10.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.3/2021-22/BUDGET_%202021-22-1-10.pdf</a>

## 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)

The IQAC has contributed significantly for institutionalizing the following quality assurance strategies:

- Academic Audit (Internal & External)
- Lifelong Learning initiatives through SWAYAM
- Establishment of Interdisciplinary Research Cell
- Research & Development Policy
- Organizing International Conference
- Planning of Cultural events & Sports to be organized and Identification & promotion of students for State & National level competitions, Awards.
- Streamlining the Student projects for emphasizing Paper publications, Patents, Innovative models development & Start-ups.

- Membership of Institute Innovation Council
- Collaboration with outside world through MoUs
- Participation in NIRF, ARIIA, Outlook and The Week Surveys

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.1/2021-22/6.5.1 %20Additional information2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.1/2021-22/6.5.1 %20Additional information2021-22.pdf</a>

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 college reviews its teaching learning process and academic operations periodically through:

- Feedback on the Teaching Learning & Evaluation Process

**Feedback on Teachers:** Student feedback is collected on the teachers through the Google form by the department twice in a semester. Informal feedback is also collected by the Head of the Department every 15 days as regards the syllabus completion, pedagogy being used & any difficulty the students are facing. During Parent Teacher meetings, parents' opinions on instructors and the educational process are gathered. Exit surveys are taken from graduating students in order to improve the standard of instruction, learning, and evaluation procedures.

- Academic Audit

**Internal Audit:** Internal Audit of all the Academic processes during a session is carried out by a team of Senior Faculty members as deputed by the Principal. **External audit:** Peers from different institutions assisted in conducting the external audit. The Audit report is submitted to the Principal.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.2/2021-22/6.5.2_Additional_information_Academic_Audit_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.2/2021-22/6.5.2_Additional_information_Academic_Audit_2021-22.pdf</a>

**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)**

**A. Any 4 or all of the above**

File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Annual-report-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Annual-report-2021-22.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## **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

JDCOEM undertakes host of initiatives towards Gender Sensitization of the students and faculties. Induction program of the first year students has sessions on gender sensitivity and compulsory training on Universal Human Values to imbibe tolerance and empathy. Each class has 1 male and 1 female Class Representative. Host of guest lectures, workshops, industrial visits, technical competitions and summits are organized for the students. Students get an equal opportunity of being selected as office bearers of

the various student clubs in the campus through a rigorous process of interviews. Various co-curricular and extra-curricular events are organized by these clubs. Under the Sashakt program of Ladies club, students are sensitized on gender equality, dangers of female foeticide, drug abuse and its impact on family and social life through street plays and flash mobs. Workshops on Self Defence, Menstrual Hygiene, Gynaecological Health, Food and Nutrition etc are conducted for female students. The students are allotted specific slots for sports activities every week. In the Annual Cultural Meet "Vibrance" the students are encouraged to share the stage for various cultural events. ICC, Grievance Cell, Anti Ragging Committee, SC/ST Cell, and Emergency Handling committee play an active role in preventing discrimination and promoting gender sensitivity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/7.1.1.-Special-Facilities-for-women_-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/7.1.1.-Special-Facilities-for-women_-2021-22.pdf</a>

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

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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)

#### 1. Solid Waste Management

Waste collection bins are available on every floor in all the buildings & laboratories. Campus is cleaned daily by the cleaning

staff under the supervision of Cleaning & maintenance in charge. The bio degradable waste is disposed off into the dumping yard especially designated for the purpose, from where it is transferred to compost pits for formation of manure. The non bio degradable is sold to vendors for recycling.

## 2. Liquid Waste Management

Waste water generated from the sanitary facilities is disposed off into septic tanks located in the campus and canteen waste water is used for gardening, watering trees etc. Ground water is recycled for drinking purposes by using RO filters.

## 3. Bio-medical Waste Management

Bio medical waste generated in the campus includes sanitary napkins, which are disposed off using incinerators installed in girls' wash rooms.

## 4. E-waste Management

E-waste mainly includes obsolete electronic devices. E-waste is disposed off through vendors.

## 5. Hazardous Waste Management

Acids in diluted form are used in engineering chemistry laboratory, which are discharged directly. When necessity arises to utilize a strong acid or base, they are neutralized before discharging. No radioactive elements of any form are used in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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** **A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**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:** **A. Any 4 or all 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	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

**A. Any 4 or all of the above**

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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 institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural



background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. Festivals like Garba, Dahi Haandi, Diwali are celebrated with great fervour. Garba is marked by a representation of colorful hues of festivities. The college also performs Laxmi puja, wherein the entire JD family participates with gusto. Diwali milan is organized as a regular practice where pleasantries are exchanged. 'Oh Kaat' is the celebration of Makar Sankranti where people of all ages come together to fly colorful kites and engage in friendly competitions. Faculty members go to the nearest masjid for offering namaaz on Fridays. The college being located in the midst of nature, the blessings of naag devta are invoked by the non teaching staff on naag panchami for health, wealth, success, prosperity, and peaceful co-existence. The events in Annual cultural fest are in hindi, english and marathi. The celebration of national integration day encompasses the spirit of tolerance and inclusivity to the core.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

At J D College of Engineering & Management, the day starts with national anthem. The national anthem is also sung in all the functions. All national festivals are celebrated with great enthusiasm to inculcate a sense of patriotism in the students. Every year students come together and perform cultural programs like dance, skits highlighting societal problems. The students also prepare videos and speeches to share their thoughts on these days. Every year ex-defence or police persons are invited to share their experience and inspire and motivate young minds to contribute in building the nation.

Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day Azadi Ka AmritMahotsava was also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Gandhi Jayanti is celebrated on October 2nd to honor the birth anniversary of Mohandas Karamchand Gandhi, popularly known as Mahatma Gandhi, a prominent leader of India's

**independence movement .**

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**A. All of the above**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The J D College of Engineering & Management celebrates Communal Harmony Day. It is observed on November 19th in India, serving as a reminder of the importance of promoting unity, diversity, and peaceful coexistence among people from different religious, cultural, and ethnic backgrounds. The United Nations declared June 21st as International Day of Yoga in 2014, following a proposal by Indian Prime Minister Narendra Modi during his address to the UN General Assembly. International Yoga Day, celebrated annually on June 21st, signifies a global acknowledgment of the profound

benefits that yoga offers for physical, mental, and spiritual well-being.

Library Day is an occasion that serves as a reminder of the invaluable role libraries play in society. It is a celebration of knowledge, community, and empowerment. Integration Day serves as a commemoration of the principles of diversity, inclusivity, and social cohesion within communities and societies worldwide. It is an occasion to recognize and celebrate the rich tapestry of cultures, traditions, and perspectives that contribute to the fabric of society.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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

[https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1\\_Best%20Practices\\_2021-22.pdf](https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1_Best%20Practices_2021-22.pdf)

File Description	Documents
Best practices in the Institutional website	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1_Best%20Practices_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1_Best%20Practices_2021-22.pdf</a>
Any other relevant information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/7/7.2.1/7.2.1_Additional_Information-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/7/7.2.1/7.2.1_Additional_Information-2021-22.pdf</a>

## 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)

## REACHING THE UNREACHED: CHAMPIONING INCLUSION

With its commitment to provide quality education to the weaker sections of the society, JDCOEM offers generous scholarships and fee waivers to the students under the 'Reaching the Unreached' initiative. "Vasudhaiva Kutumbakam", a Sanskrit phrase which means that the whole world is one single family, is an integral part of our culture. Covid-19 pandemic severely strained the financial resources of students and their families. Emergency need based support under 'Reaching the Unreached', provided them solace. The teaching learning remained unhampered even during covid due to adoption of digital tools like google meet, google classroom, google forms and whatsapp which guaranteed the continuation of academics. Standing true to its value of treating the students as family members, the TGs actively engaged with the parents & students through online Parent teacher meets & phone calls to enquire about their well being & promote their mental health. Those experiencing high levels of emotional turbulence were provided assistance through counselling. The various Students Clubs and Forums that provide an opportunity to the students to showcase their talents transitioned to online activities. The placement figures are a testimony to the concerted efforts of Training & Placement Cell.

## 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 circuitual 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	<a href="#">View File</a>
Link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Curriculum_Relevance_to_PSO_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Curriculum_Relevance_to_PSO_2021-22.pdf</a>

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

11

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	<a href="#">View File</a>
Details of syllabus revision during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

99

File Description	Documents
Curriculum / Syllabus of such courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	<a href="#">View File</a>
MoUs with relevant organizations for these courses, if any	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

142

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

101

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template)	<a href="#">View File</a>

### 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), Consumer Affairs 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.

The objective of all the above courses is to empower students towards humanizing technology so that they can be deeply connected to the societal roots.

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

166

File Description	Documents
List of value-added courses	<a href="#">View File</a>
Brochure or any other document relating to value-added courses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

4369

File Description	Documents
List of students enrolled	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

1334

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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**

A. All 4 of the above



File Description	Documents
Provide the URL for stakeholders' feedback report	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Stakeholder-feedback-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Stakeholder-feedback-2021-22.pdf</a>
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Students_feedback21-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Students_feedback21-22.pdf</a>
Any additional information	<a href="#">View File</a>

### 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

1863

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

##### 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)

292

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 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 as and when required.
- During tutorial classes one to one doubt solving sessions are undertaken.

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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/2.2.1_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/2.2.1_2021-22.pdf</a>

### 2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/11/2021	1863	144

File Description	Documents
Upload any additional information	<a href="#">View File</a>

### 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 throug departmental semesterwise whats app 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 theoritical underpinnings.

- As and when required students can connect via online meeting platforms like google meet, zoom etc.
- The students were encouraged to access National DigitalLibrary for remote access when they are not in campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Student-Centric learning 2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Student-Centric learning 2021-22.pdf</a>

### 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	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/2.3.2-ICT-FACILTY 2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/2.3.2-ICT-FACILTY 2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

131

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	<a href="#">View File</a>
Circulars with regard to assigning mentors to mentees	<a href="#">View File</a>

#### 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	<a href="#">View File</a>

#### 2.4 - Teacher Profile and Quality

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

144

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

31

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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

866

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

8.37

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

33

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

Continuous Assessment is carried out as per academic calendar. There are 2 unit tests per semester and 1 Mid Semester Exam. 50% of internal marks are allotted as per the score secured in the Mid Semester Exams. Students are also encouraged to undertake activities like assignments, Quizzes, presentations, report preparation & submissions, poster presentations, etc. Each of these activities are allotted marks. At the end of each semester students are allotted marks based on the number and quality of activities performed.

End Semester Exams are conducted by the Exam Section. 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-MANUAL-WITH-AMENDMENTS.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-MANUAL-WITH-AMENDMENTS.pdf</a>

## 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)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/CO-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/CO-2021-22.pdf</a>

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 concerend 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/OUTCOME-BASED-EDUCATION-MANUAL.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/OUTCOME-BASED-EDUCATION-MANUAL.pdf</a>

### 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

491

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-ANNUAL-REPORT-OF-COE-2021-22-1.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/EXAMINATION-ANNUAL-REPORT-OF-COE-2021-22-1.pdf</a>

## 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/wp-content/uploads/2024/02/2.7.1-STUDENT-SATISFACTION-SURVEY-2021-22.pdf>

## 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	<a href="#">View File</a>
Provide URL of policy document on promotion of research uploaded on the website	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.1.1/21-22/3.1.1-21-22-II-Research-Policy.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.1.1/21-22/3.1.1-21-22-II-Research-Policy.pdf</a>
Any additional information	<a href="#">View File</a>

### 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)

3

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	<a href="#">View File</a>
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	<a href="#">View File</a>
List of teachers receiving grant and details of grant received	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
List of teachers and details of their international fellowship(s)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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)

12.22905

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	<a href="#">View File</a>
List of projects and grant details	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.2.2 - Number of teachers having research projects during the year**

17

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.2.2/21-22/3.2.2-AdditionalInfo.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.2.2/21-22/3.2.2-AdditionalInfo.pdf</a>
List of research projects during the year	<a href="#">View File</a>

**3.2.3 - Number of teachers recognised as research guides**

22

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	<a href="#">View File</a>
Institutional data in Prescribed format	<a href="#">View File</a>

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

17

File Description	Documents
Supporting document from Funding Agencies	<a href="#">View File</a>
Paste link to funding agencies' website	<a href="https://goyalgroupindia.in/">https://goyalgroupindia.in/</a>
Any additional information	<a href="#">View File</a>

**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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.3.1/21-22/3.3.1.incubation-2021-22.Latest.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.3.1/21-22/3.3.1.incubation-2021-22.Latest.pdf</a>

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

11

File Description	Documents
Report of the events	<a href="#">View File</a>
List of workshops/seminars conducted during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

3.4 - Research Publications and Awards	
<b>3.4.1 - The Institution ensures 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</b>	<b>A. All of the above</b>
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	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>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</b>	
<b>3.4.2.1 - Number of PhD students registered during the year</b>	
<b>14</b>	
File Description	Documents
URL to the research page on HEI website	<a href="https://jdcoem.ac.in/research/">https://jdcoem.ac.in/research/</a>
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year</b>	
<b>123</b>	

File Description	Documents
List of research papers by title, author, department, and year of publication	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

22

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.4.4/21-22/3.4.4-book-published-21-22-Additional-Info.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.4.4/21-22/3.4.4-book-published-21-22-Additional-Info.pdf</a>

### 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

490

File Description	Documents
Any additional information	<a href="#">View File</a>
Bibliometrics of the publications during the year	<a href="#">View File</a>

### 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

60

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>



**3.5 - Consultancy****3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****20.6852**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	<a href="#">View File</a>
List of consultants and revenue generated by them	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year****0.23**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	<a href="#">View File</a>
List of training programmes, teachers and staff trained for undertaking consultancy	<a href="#">View File</a>
List of facilities and staff available for undertaking consultancy	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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 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 old age 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.6.1/2021-22/3.6.1-2021-22-Extension-&amp;-outreach-Activity.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/3/3.6.1/2021-22/3.6.1-2021-22-Extension-&amp;-outreach-Activity.pdf</a>

### 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

10

File Description	Documents
Number of awards for extension activities in during the year	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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)

12

File Description	Documents
Reports of the events organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

693

File Description	Documents
Reports of the events	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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

181

File Description	Documents
Copies of documents highlighting collaboration	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 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)

7

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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.

The J D College of Engineering and Management (JDCOEM) offers a picturesque campus spanning 10.24 acres, committed to providing modern infrastructure for education and research. The facilities include 33 classrooms including seminar rooms, fostering interactive learning experiences. Additionally, 59 specialized laboratories spread enable hands-on practical learning across disciplines. The central library houses an extensive collection of academic resources. For events, an auditorium accommodates seminars, conferences, and cultural performances. Common rooms provide collaborative spaces for students' relaxation and discussions. Administrative functions are managed to ensure smooth operations. These facilities are meticulously maintained, reflecting JDCOEM's commitment to creating an environment conducive to learning, research, and personal development. Such state-of-the-art infrastructure underscores the institution's dedication to supporting students in achieving their academic and career goals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Additional-Information.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Additional-Information.pdf</a>

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

The institution prioritizes holistic student development through a range of sports, cultural, and extracurricular activities. Sports are managed by dedicated personnel and student council members, facilitating training and participation in university and national-level events. The institute provides well-equipped indoor sports facilities and collaborates with local entities for outdoor sports. Yoga and meditation spaces contribute to the mental and physical well-being of faculty and students. Cultural activities occur throughout the academic year, utilizing outdoor spaces and auditoriums for events. Various clubs cater to diverse interests, including dramatics, music, literature, photography, dance, robotics, coding, Google development, and gaming.

Students actively participate and organize these events, fostering a competitive and encouraging environment. The institution's objective is to unearth and nurture student talents while promoting overall personality development. With adequate infrastructure and student-driven initiatives, the institution strives to provide a comprehensive educational experience that goes beyond academics, emphasizing the importance of sports, culture, and extracurricular activities in shaping well-rounded individuals.

File Description	Documents
Geotagged pictures	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/2021-22.pdf</a>

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

33

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

66.91

File Description	Documents
Upload audited utilization statements	<a href="#">View File</a>
Details of Expenditure, excluding salary, during the years	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The Swami Vivekanand Library at JDCEM serves as a comprehensive repository of knowledge, featuring thousands of books across various disciplines. It encompasses spacious reading rooms, discussion rooms, a reference section, and a computer center, designed to utilize natural light for an ideal study environment. The library is a member of prestigious networks such as DELNET, providing access to a vast array of electronic resources including e-journals like IEEE and ASCE. Additionally, it offers online public access catalog (OPAC) facilities and services such as reprographic and Wi-Fi access. Library has a reading room catering to the needs of students, faculty, and staff, offering membership with specific borrowing privileges. The library is staffed by qualified professionals, including a librarian and assistant librarians. Moreover, it is fully automated using ERP software, ensuring efficient operations. Rules and regulations are in place to maintain decorum and manage the circulation of materials effectively, with penalties for violations such as overdue books or damage to library resources.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/BookList-DepartmentWise.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/BookList-DepartmentWise.pdf</a>

**4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources**

**A. Any 4 or more of the above**

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals

**during the year (INR in lakhs)**

1.59

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**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**

15

File Description	Documents
Upload details of library usage by teachers and students	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**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

JDCOEM prioritizes technological advancement, offering IT-enabled services to all stakeholders. With an extensive IT infrastructure, including multi-core fiber optic cables connecting buildings in a star network topology, the college ensures efficient communication. The allocation of funds for IT expansion and modernization, including upgraded Wi-Fi bandwidth of 360 Mbps, underscores its commitment to technological excellence. The Unified Thread Management System enhances cyber security, managing web and application protection, network traffic shaping, and user authentication. This system also regulates Wi-Fi access, ensuring secure digital environments for learning. Cybersecurity policies encompass regular software updates, strong password protocols, firewalls, and training programs to educate users on best practices. Content filtering safeguards against harmful websites, while data backups and disaster recovery plans ensure operational continuity. Detailed

configurations include servers for ERP and utility services, unified threat management devices, and Wi-Fi access points strategically placed across campus buildings. With a robust IT infrastructure and stringent cyber security measures, JDCOEM cultivates a safe and conducive digital learning environment for its students and faculty.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/IT-POLICY.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/IT-POLICY.pdf</a>

#### 4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
1863	450

File Description	Documents
Upload any additional information	<a href="#">View File</a>

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

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 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

A. All four of the above



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Facilities-for-econtent-development-2020-21-onwards.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Facilities-for-econtent-development-2020-21-onwards.pdf</a>
List of facilities for e-content development (Data Template)	<a href="#">View File</a>

#### 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)

927.44

File Description	Documents
Audited statements of accounts	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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.

JDCOEM implements thorough systems for the maintenance and utilization of its physical, academic, and support facilities. Each department manages its facilities with in-house staff, ensuring regular checks and prompt addressing of breakdowns. Laboratories are overseen by lab in-charges who maintain and upgrade equipment, conduct dead stock verification, and monitor performance. The central library, managed by the librarian and staff, focuses on material availability and annual stock verification, procuring books based on departmental needs. The sports in-charge maintains sports facilities, issues equipment, and records usage and activities. Classrooms are allocated and cleaned daily, with supervision from institute staff. IT facilities are managed by technicians and system administrators, with vendor assistance for major maintenance. Electrical and plumbing maintenance is handled by employed technicians, while housekeeping staff maintains gardens. Network and system administration teams manage CCTV and security systems, with external agencies maintaining equipment

like projectors and air conditioners. Overall, these systematic approaches ensure efficient facility management, enhancing the academic environment at JDCOEM.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/maintenance-policy.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/maintenance-policy.pdf</a>

## 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

1786

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

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

66

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**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	<a href="https://jdcoem.ac.in/campus-life/clubs-activities/">https://jdcoem.ac.in/campus-life/clubs-activities/</a>
Details of capability development and schemes	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

2787

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**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 through appropriate committees**

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of outgoing students who got placement during the year</b>	
420	
File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
<b>5.2.2 - Number of outgoing students progressing to higher education</b>	
10	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Details of students who went for higher education	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year</b>	
<b>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</b>	
03	
File Description	Documents
Upload supporting data for students/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
<b>5.3 - Student Participation and Activities</b>	
<b>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</b>	
17	

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 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	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/Student-Concil-21-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/Student-Concil-21-22.pdf</a>

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

51

File Description	Documents
Report of the event	<a href="#">View File</a>
List of sports and cultural events / competitions organised per year	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/03/Alumni-Registration-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/03/Alumni-Registration-2021-22.pdf</a>

**5.4.2 - Alumni's financial contribution during the year**

**E. <2 Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

**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 model of the college ensures that teachers participate in the decision making bodies of the college.

Management, Directors and Principal actively participate in the Governing Body to ensure the policy statements and action plans are aligned for attaining the mission & vision of institute.

The Principal frames the rules and regulations in consultation with Governing body and Academic council of the institution. Deans, Heads of Departments, Section Heads & IQAC, work in tandem to ensure smooth administration. The senior professors, with assistance of faculty members, are part of Various Statutory & Non Statutory Committees that assist the Principal in routine administration and academic processes.

The Academic Council, Respective Board of Studies, with the support of CoE & Dean Academics govern the academic functioning of the College. Dean Academics is responsible for smooth conduction of Academic activities. The respective BoS is responsible for framing Curriculum as per the needs of the stakeholders, ensuring effective teaching and learning processes, fostering conducive atmosphere for research and development and encouraging lifelong learning.

The management periodically takes review of the policies, the implementation of the action plans.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision_Mission.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision_Mission.pdf</a>

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.

Active Participation is encouraged through delegation of various authority & responsibility through various important portfolios & committees at central level.

File Description	Documents
Upload strategic plan and deployment documents on the website	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision_Mission.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.1.1/2021-22/6.1.1Vision_Mission.pdf</a>

## 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.

6. An active Interdisciplinary Research Cell has been established in the college.

The number of patents applied for & granted has gone up. 17 Patents have been published & 5 patents granted in 2021-22.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.1/2021-22/6.2.1 Additional information 2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.1/2021-22/6.2.1 Additional information 2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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 college has constituted statutory and non-statutory bodies that function in compliance with the vision, regulations, policies, and statutes stipulated by the government, UGC, affiliating university and the organisation.

The Organization structure comprises of the Management of the College, Governing Body, Academic Council and Boards of Studies, Directors, Principal, Deans, Section Heads, Head of the Departments.

1. Rules for Appointments and Services: The College has clear standards and procedures in place for hiring and promoting employees. The service norms and regulations of the university/state government and UGC apply to the appointment of aided personnel. The college's HR policy is followed in the selection, recruiting, and advancement of the unaided staff. Excellent and efficient teaching-learning processes have been produced as a result of prompt hiring and promotion of qualified faculty.

**2. Policies:** The college's well-written rules on quality, human resources, research, student support and welfare measures, IT, infrastructure, and other issues, as well as a clearly stated code of conduct, are all available on the college website

File Description	Documents
Paste link to Organogram on the institution webpage	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Organogram_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Organogram_2021-22.pdf</a>
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Additional_information_HR_Manual_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.2.2/2021-22/6.2.2_Additional_information_HR_Manual_2021-22.pdf</a>

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

**A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Documen	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### **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 following are the welfare measures extended to the teaching and non-teaching staff of the Institute:**

- Financial Assistance
- EmergencySalary Advance
- Paid Vacation
- Physical and Health Assistance
- Free Medical Camps/Check-ups for all Staff
- Awards and Acknowledgements
- Felicitation of new Ph.D. holders, Awards for Best Researcher, Best Faculty, Special Contribution, Best Performer in NPTEL
- Awards for Non-Teaching staff like Best Staff, Special Contribution
- 
- Miscellaneous Welfare measures
- Paid Leaves
- Bereavement Leave
- Subsidized Bus facility
- Discounted Fees for children of Staff studying in the college

#### Avenues for Career Development / Career Advancement

- Free Capacity building trainings and orientation programs for staffs
- Workshop on ICT tools for effective teaching-learning
- On Duty Leave for attending Conferences, Workshops

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.3.1/2021-22/6.3.1_Additional_information_2021-22_welfare_measures.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.3.1/2021-22/6.3.1_Additional_information_2021-22_welfare_measures.pdf</a>

#### 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

84

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 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.)

88

File Description	Documents
Summary of the IQAC report	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

The college has mechanism of both internal and external audits for the financial activities carried out in the Institution every Year.

**Internal Audit:** The Principal constitutes an Internal Audit Committee with three members. The audit is conducted on a Sampling basis to check the correctness of the financial transactions and statement affairs of the College. The Committee verifies Cashbook, Bank accounts, Ledgers, Bills, Vouchers, and statement of cash position and cash flow physically and conducts sample check on the heads of various accounts, balance dates, and postings.

**External Audit:**

Mr. Vivek Tiwari has been auditor for the College. An annual external audit is conducted, and the reports are submitted to the management. The Finance Committee ratifies these reports.

Accounts department maintains financial accounts, prepares financial statements audited by external auditor and submits them to all the statutory bodies like AICTE, UGC and State Government as and when required.

With all statutory obligations duly complied, there were no major audit objections until the last audit.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.1/2021-22/6.4.1_Additional-information_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.1/2021-22/6.4.1_Additional-information_2021-22.pdf</a>

**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)**

2.37706

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

The institution has developed strategies for mobilizing resources and ensures transparency in financial management. The institute follows established procedures and processes for planning and allocation of financial resources.

The income and expenditure of the institution are subjected to regular internal and external audit.

##### Mobilization of Funds:

Tuition fee received from Students & Government, Bus Fees, Examination Fees paid by the students, Research grants from different agencies, Amount Received for Consultancy services undertaken by Faculty members, Interest on bank deposits. Other funds include the corpus funds and loans from banks received for infrastructure development.

##### Utilization of Funds:

The College utilizes funds for:

Salary, New Infrastructure Development, Procurement of Equipments, Repair & Maintenance of Office Equipments, Computers, building, furniture, bus, & garden, Student & Faculty Development expenses, Conducting Seminars/ Workshops & Extension activities, Library Expenses, Examination Expenses.

Other expenses include Telephone, Internet, Power and Fuel, Printing and Stationary, Affiliations and Renewals, Travelling and Conveyance.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.3/2021-22/BUDGET_%202021-22-1-10.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.4.3/2021-22/BUDGET_%202021-22-1-10.pdf</a>

## 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)

**The IQAC has contributed significantly for institutionalizing the following quality assurance strategies:**

- Academic Audit (Internal & External)
- Lifelong Learning initiatives through SWAYAM
- Establishment of Interdisciplinary Research Cell
- Research & Development Policy
- Organizing International Conference
- Planning of Cultural events & Sports to be organized and Identification & promotion of students for State & National level competitions, Awards.
- Streamlining the Student projects for emphasizing Paper publications, Patents, Innovative models development & Start-ups.
- Membership of Institute Innovation Council
- Collaboration with outside world through MoUs
- Participation in NIRF, ARIIA, Outlook and The Week Surveys

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.1/2021-22/6.5.1_%20Additional%20information2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.1/2021-22/6.5.1_%20Additional information2021-22.pdf</a>

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 college reviews its teaching learning process and academic operations periodically through:

- Feedback on the Teaching Learning & Evaluation Process

**Feedback on Teachers:** Student feedback is collected on the teachers through the Google form by the department twice in a semester. Informal feedback is also collected by the Head of the Department every 15 days as regards the syllabus completion, pedagogy being used & any difficulty the students are facing. During Parent Teacher meetings, parents' opinions on instructors and the educational process are gathered. Exit surveys are taken from graduating students in order to improve the standard of instruction, learning, and evaluation procedures.

- Academic Audit

**Internal Audit:** Internal Audit of all the Academic processes during a session is carried out by a team of Senior Faculty members as deputed by the Principal. **External audit:** Peers from different institutions assisted in conducting the external audit. The Audit report is submitted to the Principal.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.2/2021-22/6.5.2 Additional information Academic Audit 2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/6/6.5.2/2021-22/6.5.2 Additional information Academic Audit 2021-22.pdf</a>

<p><b>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></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Paste the web link of annual reports of the Institution	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/Annual-report-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/Annual-report-2021-22.pdf</a>
Upload e-copies of accreditations and certification	<a href="#">View File</a>
Upload details of quality assurance initiatives of the institution	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

## 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

JDCOEM undertakes host of initiatives towards Gender Sensitization of the students and faculties. Induction program of the first year students has sessions on gender sensitivity and compulsory training on Universal Human Values to imbibe tolerance and empathy. Each class has 1 male and 1 female Class Representative. Host of guest lectures, workshops, industrial visits, technical competitions and summits are organized for the students. Students get an equal opportunity of being selected as office bearers of the various student clubs in the campus through a rigorous process of interviews. Various co-curricular and extra-curricular events are organized by these clubs. Under the Sashakt program of Ladies club, students are sensitized on gender equality, dangers of female foeticide, drug abuse and its impact on family and social life through street plays and flash mobs. Workshops on Self Defence, Menstrual Hygiene, Gynaecological Health, Food and Nutrition etc are conducted for female students. The students are allotted specific slots for sports activities every week. In the Annual Cultural Meet "Vibrance" the students are encouraged to share the stage for various cultural events. ICC, Grievance Cell, Anti Ragging Committee, SC/ST Cell, and Emergency Handling committee play an active role in preventing discrimination and promoting gender sensitivity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional Information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/7.1.1.-Special-Facilities-for-women_-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/7.1.1.-Special-Facilities-for-women_-2021-22.pdf</a>

**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**

**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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)**

### **1. Solid Waste Management**

Waste collection bins are available on every floor in all the buildings & laboratories. Campus is cleaned daily by the cleaning staff under the supervision of Cleaning & maintenance in charge. The bio degradable waste is disposed off into the dumping yard especially designated for the purpose, from where it is transferred to compost pits for formation of manure. The non bio degradable is sold to vendors for recycling.

### **2. Liquid Waste Management**

Waste water generated from the sanitary facilities is disposed off into septic tanks located in the campus and canteen waste water is used for gardening, watering trees etc. Ground water is recycled for drinking purposes by using RO filters.

### **3. Bio-medical Waste Management**

Bio medical waste generated in the campus includes sanitary

napkins, which are disposed off using incinerators installed in girls' wash rooms.

#### 4. E-waste Management

E-waste mainly includes obsolete electronic devices. E-waste is disposed off through vendors.

#### 5. Hazardous Waste Management

Acids in diluted form are used in engineering chemistry laboratory, which are discharged directly. When necessity arises to utilize a strong acid or base, they are neutralized before discharging. No radioactive elements of any form are used in the campus.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geotagged photographs of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

#### 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	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

#### **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:**

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

**A. Any 4 or all of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms**

**A. Any 4 or all of the above**

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

File Description	Documents
Geotagged photographs / videos of facilities	<a href="#">View File</a>
Policy documents and brochures on the support to be provided	<a href="#">View File</a>
Details of the software procured for providing assistance	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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 institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. Festivals like Garba, Dahi Haandi, Diwali are celebrated with great fervour. Garba is marked by a representation of colorful hues of festivities. The college also performs Laxmi puja, wherein the entire JD family participates with gusto. Diwali milan is organized as a regular practice where pleasantries are exchanged. 'Oh Kaat' is the celebration of Makar Sankranti where people of all ages come together to fly colorful kites and engage in friendly competitions. Faculty members go to the nearest masjid for offering namaaz on Fridays. The college being located in the midst of nature, the blessings of naag devta are invoked by the non teaching staff on naag panchami for health, wealth, success, prosperity, and peaceful co-

existence. The events in Annual cultural fest are in hindi, english and marathi. The celebration of national integration day encompasses the spirit of tolerance and inclusivity to the core.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>

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

At J D College of Engineering & Management, the day starts with national anthem. The national anthem is also sung in all the functions. All national festivals are celebrated with great enthusiasm to inculcate a sense of patriotism in the students. Every year students come together and perform cultural programs like dance, skits highlighting societal problems. The students also prepare videos and speeches to share their thoughts on these days. Every year ex-defence or police persons are invited to share their experience and inspire and motivate young minds to contribute in building the nation.

Every year Republic Day is celebrated on 26th Jan by organizing activities highlighting the importance of Indian Constitution. Independence Day Azadi Ka AmritMahotsava was also celebrated every year to highlight struggle of freedom and importance of Indian constitution. Gandhi Jayanti is celebrated on October 2nd to honor the birth anniversary of Mohandas Karamchand Gandhi, popularly known as Mahatma Gandhi, a prominent leader of India's independence movement.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and**

A. All of the above

**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**

File Description	Documents
Code of Ethics - policy document	<a href="#">View File</a>
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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

The J D College of Engineering & Management celebrates Communal Harmony Day. It is observed on November 19th in India, serving as a reminder of the importance of promoting unity, diversity, and peaceful coexistence among people from different religious, cultural, and ethnic backgrounds. The United Nations declared June 21st as International Day of Yoga in 2014, following a proposal by Indian Prime Minister Narendra Modi during his address to the UN General Assembly. International Yoga Day, celebrated annually on June 21st, signifies a global acknowledgment of the profound benefits that yoga offers for physical, mental, and spiritual well-being.

Library Day is an occasion that serves as a reminder of the invaluable role libraries play in society. It is a celebration of knowledge, community, and empowerment. Integration Day serves as a commemoration of the principles of diversity, inclusivity, and social cohesion within communities and societies worldwide. It is an occasion to recognize and celebrate the rich tapestry of cultures, traditions, and perspectives that contribute to the fabric of society.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<a href="#">View File</a>
Geotagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 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

[https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1\\_Best%20Practices\\_2021-22.pdf](https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1_Best%20Practices_2021-22.pdf)

File Description	Documents
Best practices in the Institutional website	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1_Best%20Practices_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/7.2.1/7.2.1_Best%20Practices_2021-22.pdf</a>
Any other relevant information	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/7/7.2.1/7.2.1 Additional Information-2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/NAAC/7/7.2.1/7.2.1 Additional Information-2021-22.pdf</a>

## 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)

### REACHING THE UNREACHED: CHAMPIONING INCLUSION

With its commitment to provide quality education to the weaker sections of the society, JDCOEM offers generous scholarships and fee waivers to the students under the 'Reaching the Unreached' initiative. "Vasudhaiva Kutumbakam", a Sanskrit phrase which means that the whole world is one single family, is an integral part of our culture. Covid-19 pandemic severely strained the financial resources of students and their



families. Emergency need based support under 'Reaching the Unreached', provided them solace. The teaching learning remained unhampered even during covid due to adoption of digital tools like google meet, google classroom, google forms and whatsapp which guaranteed the continuation of academics. Standing true to its value of treating the students as family members, the TGs actively engaged with the parents & students through online Parent teacher meets & phone calls to enquire about their well being & promote their mental health. Those experiencing high levels of emotional turbulence were provided assistance through counselling. The various Students Clubs and Forums that provide an opportunity to the students to showcase their talents transitioned to online activities. The placement figures are a testimony to the concerted efforts of Training & Placement Cell.

File Description	Documents
Appropriate link in the institutional website	<a href="https://jdcoem.ac.in/wp-content/uploads/2024/02/7.3.1/7.3.1_Institutional%20Distinctiveness_2021-22.pdf">https://jdcoem.ac.in/wp-content/uploads/2024/02/7.3.1/7.3.1_Institutional%20Distinctiveness_2021-22.pdf</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

#### PLAN OF ACTION FOR NEXT ACADEMIC YEAR 2022-23

1. To incorporate compulsory industry internships in core branches
2. To coordinate arrangements for NAAC cycle
3. To institute measures for faculty orientation on NEP 2020
4. To organize workshop on NEP 2020
5. To initiate necessary measures for implementation of NEP
6. To create Academic Bank of Credits
7. To intensify efforts for placements through rigorous student support
8. To organize Industry Academia Meet
9. To organize HR Summit for enlightening the students on industry expectations for placements
10. To provide thrust to MOUs with the aim of contributing to society