| VISION | MISSION |
|---|---|
| To win the trust of all stakeholders in conducting the assessment and evaluation. | 1. To frame and adopt procedure for various works involved in accountability. <br> 2. To utilize the resources as per expertise of individual and maintaining good quality and standard of assessment work. <br> 3. To ensure that the student participate in assessment process enthusiastically. |

## Annual Report of Controller of Examinations – Session 2020-21
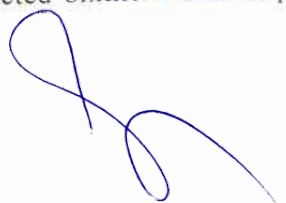
### Introduction:

The major rules of Examinations are specified in the JDCOEM ordinance. In addition to the provisions in 'Ordinance and Regulations-2019' of J D College of Engineering & Management (JDCOEM), the Academic Council and Governing Body of the College has approved the Examination Manual for the smooth conduct of End Semester Examinations of undergraduate and Post-Graduate programs in the College. In accordance with the guidelines of the University Grants Commission to autonomous Colleges, an examination cell is headed by the Controller of Examinations(COE) who is a permanent faculty appointed by the Principal.

The Controller of Examinations shall be responsible for the conduct of all examinations of the College and it shall be his duty to make necessary preparations, scheduling, conduct of examinations of the College and all other contingent matters connected with the examinations.

Examination Committee headed by the Principal consists of the Controller of Examinations (COE), Deputy Controller of Examinations (Dy. COE) and other faculties nominated by the Principal. In the Academic year 2020-21, as per the guidelines of the Govt. of Maharashtra for Covid-19 Pandemic, all the examinations were conducted online. Detailed procedure for the same is mentioned herewith in this report.

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## Amendments in the Examination Manual in the session 2020-21:

1. A student will be eligible to get B.Tech. degree with Honors or additional Minor Engineering, if he / she completes an additional 18 to 20 credits. These could be acquired through MOOCs.

2. The Makeup Exam / Supplementary Exam fees for both B.Tech. & M.Tech. will be minimum of Rs. 1000 + 300 * (Number of Theory or Practical subjects) or the regular exam fees.

## Examination conduction procedure during Pandemic:

In the Academic year 2020-21, as per the guidelines of the Govt. of Maharashtra for Covid-19 Pandemic, all the examinations were conducted online including Mid Semester Examinations (MSE) and End Semester Examinations (ESE).

All the departments had conducted the MSE online. All questions were mentioned with Course Outcome (CO) & Bloom's Taxonomy Level. Based on the questions attempted by the students the CO attainments were computed by the respective teachers in Every Department.
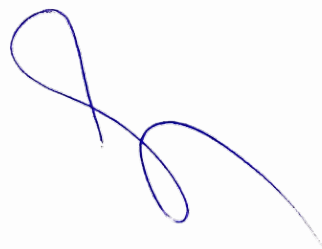
The End semester Examinations were conducted online with following guidelines:

(The college has provided the Google Suit access)

1. The question paper was shared to the students Google Classroom 20-30 minutes before the start of exam.
2. Students were asked to note down the questions on the paper.
3. Then the invigilation was conducted on Google meet.
4. Around 20-25 students were assigned to every teacher (Invigilator).
5. All students were instructed to appear in the exam with a good mobile phone (smart phone) or Laptop or desktop with camera. All students were also instructed to appear in the exam from a place where network connectivity is not an issue. The students were instructed to keep the video on continuously for two hrs of Examinations. They were instructed to write on plain paper or copy and were invigilated continuously on Google meet.
6. After the exam 15 minutes were given to the students to upload the pdf of answers written by them on Google classroom.
7. ICT Facilitates with good bandwidth Internet connection is provided for Online Invigilation duties to Faculty Invigilators.

Once the valuation is done marks were shared to the students and they were given a choice to apply for "Challenge", if he feels. Then such Challenge forms are assessed at the dept level and only genuine cases are considered for revaluation.

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.
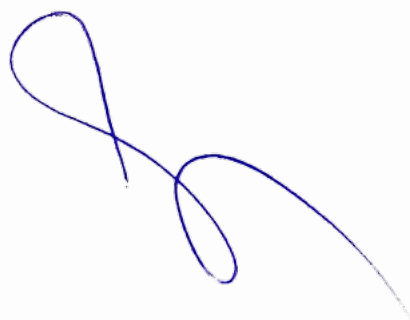
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**Result Analysis: Odd Sem 2020-21**

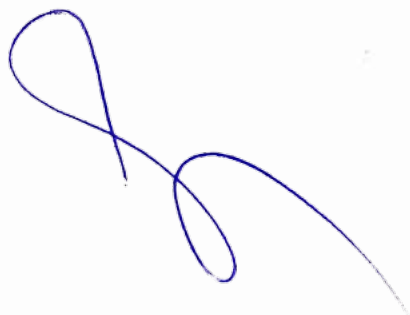| Sr. No | Name of the Branch | Semester | Total number of students appeared | Total number of students passed | Pass Percentage |
|---|---|---|---|---|---|
| 1 | Civil Engineering | B.Tech. I-Sem | 61 | 59 | 96.72% |
| | | B.Tech. III-Sem | 68 | 57 | 83.82% |
| | | B.Tech. V-Sem | 70 | 56 | 92.85% |
| | | B.Tech. VII-Sem | 64 | 64 | 100% |
| 2 | Electrical Engineering | B.Tech. I-Sem | 58 | 56 | 96.55% |
| | | B.Tech. III-Sem | 69 | 58 | 84.06% |
| | | B.Tech. V-Sem | 73 | 73 | 100% |
| | | B.Tech. VII-Sem | 53 | 52 | 98.11 |
| 3 | Mechanical Engineering | B.Tech. I-Sem | 74 | 69 | 93.24% |
| | | B.Tech. III-Sem | 140 | 126 | 90% |
| | | B.Tech. V-Sem | 104 | 93 | 89.42 |
| | | B.Tech. VII-Sem | 108 | 108 | 100% |
| 4 | Computer Science & Engineering | B.Tech. I-Sem | 62 | 55 | 88.71% |
| | | B.Tech. III-Sem | 68 | 66 | 97.05% |
| | | B.Tech. V-Sem | 74 | 74 | 100% |
| | | B.Tech. VII-Sem | 62 | 58 | 93.55% |
| | | M.Tech. I-Sem | 9 | 8 | 88.89 % |
| | | M.Tech. III-Sem | 8 | 2 | 25.00 % |
| 5 | Information Technology | B.Tech. I-Sem | 57 | 54 | 94.74% |
| | | B.Tech. III-Sem | 67 | 62 | 92.54% |
| | | B.Tech. V-Sem | 74 | 71 | 95.95% |
| | | B.Tech. VII-Sem | 63 | 62 | 98.41% |
| 6 | Electronics & Telecommunication Engineering | B.Tech. I-Sem | 59 | 56 | 94.92% |
| | | B.Tech. III-Sem | 71 | 60 | 84.51% |
| | | B.Tech. V-Sem | 68 | 63 | 92.65% |
| | | B.Tech. VII-Sem | 92 | 92 | 100% |
| | | M.Tech. I-Sem | 11 | 10 | 90.90 % |
| | | M.Tech. III-Sem | 5 | 5 | 100 % |
| 7 | Electronics Engineering | B.Tech. VII-Sem | 20 | 20 | 100% |
| 8 | Artificial Intelligence | B.tech. I-Sem | 62 | 60 | 96.77% |

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**Result Analysis: Even Sem 2020-21**

| Sr. No | Name of the Branch | Semester | Total number of students appeared | Total number of students passed | Pass percentage |
|---|---|---|---|---|---|
| 1 | Civil Engineering | B.Tech. II-Sem | 61 | 61 | 100% |
| | | B.Tech. IV-Sem | 68 | 63 | 92.65% |
| | | B.Tech. VI-Sem | 70 | 70 | 100% |
| | | B.Tech. VIII-Sem | 64 | 64 | 100% |
| 2 | Electrical Engineering | B.Tech. II-Sem | 57 | 54 | 96.43% |
| | | B.Tech. IV-Sem | 69 | 61 | 88.41% |
| | | B.Tech. VI-Sem | 73 | 73 | 100% |
| | | B.Tech. VIII-Sem | 52 | 52 | 100% |
| 3 | Mechanical Engineering | B.Tech. II-Sem | 72 | 65 | 90.28% |
| | | B.Tech. IV-Sem | 137 | 123 | 89.78% |
| | | B.Tech. VI-Sem | 104 | 96 | 92.37 |
| | | B.Tech. VIII-Sem | 108 | 108 | 100% |
| 4 | Computer Science & Engineering | B.Tech. II-Sem | 61 | 60 | 98.36% |
| | | B.Tech. IV-Sem | 66 | 66 | 100% |
| | | B.Tech. VI-Sem | 74 | 74 | 100% |
| | | B.Tech. VIII-Sem | 58 | 58 | 100% |
| | | M.Tech. II-Sem | 9 | 7 | 77.78 % |
| | | M.Tech. IV-Sem | 4 | 4 | 100 % |
| 5 | Information Technology | B.Tech. II-Sem | 56 | 53 | 94.64% |
| | | B.Tech. IV-Sem | 66 | 64 | 96.97% |
| | | B.Tech. VI-Sem | 71 | 71 | 100% |
| | | B.Tech. VIII-Sem | 62 | 62 | 100% |
| 6 | Electronics & Telecommunication Engineering | B.Tech. II-Sem | 58 | 55 | 94.83% |
| | | B.Tech. IV-Sem | 70 | 63 | 90% |
| | | B.Tech. VI-Sem | 67 | 66 | 98.51% |
| | | B.Tech. VIII-Sem | 92 | 92 | 100% |
| | | M.Tech. II-Sem | 11 | 8 | 72.72 % |
| | | M.Tech. IV-Sem | NA | NA | NA |
| 7 | Electronics Engineering | B.Tech. VIII-Sem | 20 | 20 | 100% |
| 8 | Artificial Intelligence | B.Tech. II-Sem | 60 | 59 | 98.33 % |

**Examination Grievances handled: Winter 2020 Odd Sem 2020-21**

| Sr. No | Name of the branch | Semester | Total number of students appeared | Grievances | Grievances resolved |
|---|---|---|---|---|---|
| **B.TECH:** | | | | | |
| 1. | CE | I | 61 | No Grievance | ____ |
| 2. | ME | I | 74 | No Grievance | ____ |
| 3. | EE | I | 58 | No Grievance | ____ |
| 4. | ETC | I | 59 | No Grievance | ____ |
| 5. | CSE | I | 62 | No Grievance | ____ |
| 6. | IT | I | 57 | No Grievance | ____ |
| 7. | AI | I | 62 | No Grievance | ____ |
| 8. | CE | III | 68 | No Grievance | ____ |
| 9. | ME | III | 140 | No Grievance | ____ |
| 10. | EE | III | 69 | No Grievance | ____ |
| 11. | ETC | III | 60 | No Grievance | ____ |
| 12. | IT | III | 67 | No Grievance | ____ |
| 13. | CSE | III | 68 | No Grievance | ____ |
| **M.TECH:** | | | | | |
| 14. | EN | I SEM | 11 | No Grievance | ____ |
| 15. | CSE | I SEM | 9 | No Grievance | ____ |
| 16. | EN | III SEM | 5 | No Grievance | ____ |
| 17. | CSE | III SEM | 8 | No Grievance | ____ |

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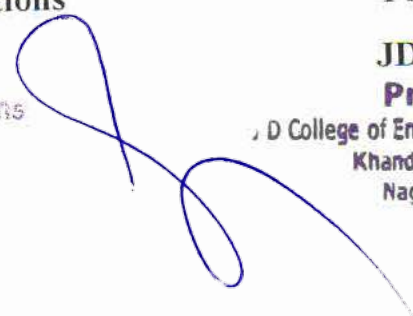## Examination Grievances handled: Summer 2021 Even Sem 2020-21

| Sr. No | Name of the branch | Semester | Total number of students appeared | Grievances | Grievances resolved |
|---|---|---|---|---|---|
| **B.TECH:** | | | | | |
| 1. | CE | II | 61 | No Grievance | —— |
| 2. | ME | II | 74 | No Grievance | —— |
| 3. | EE | II | 58 | No Grievance | —— |
| 4. | ETC | II | 59 | No Grievance | —— |
| 5. | CSE | II | 62 | No Grievance | —— |
| 6. | IT | II | 57 | No Grievance | —— |
| 7. | AI | II | 62 | No Grievance | —— |
| 8. | CE | IV | 68 | No Grievance | —— |
| 9. | ME | IV | 137 | No Grievance | —— |
| 10. | EE | IV | 69 | No Grievance | —— |
| 11. | ETC | IV | 70 | No Grievance | —— |
| 12. | IT | IV | 66 | No Grievance | —— |
| 13. | CSE | IV | 66 | No Grievance | —— |
| **M.TECH:** | | | | | |
| 14. | EN | II SEM | 11 | No Grievance | —— |
| 15. | CSE | II SEM | 9 | No Grievance | —— |
| 16. | EN | IV SEM | 0 | No Grievance | —— |
| 17. | CSE | IV SEM | 4 | No Grievance | —— |

**Controller of Examinations**

**JDCOEM**
Controller of Examinations
JDCOEM, Nagpur

**Principal**

**JDCOEM**
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