



JAIDEV EDUCATION SOCIETY'S
JD COLLEGE OF ENGINEERING AND MANAGEMENT
KATOL ROAD, NAGPUR

Website: www.jdcoem.ac.in E-mail: info@jdcoem.ac.in
(An Autonomous Institute, with NAAC "A" Grade)

COMPETITIVE EXAM CELL

"Work to be done with Lifelong learning by keeping mathematics, science & Technology, Humanities in center"

Session 2021-22



VISION	MISSION
To be a center of excellence imparting professional education satisfying societal and global needs.	1.Transforming students into lifelong learners through, quality teaching, training and exposure to concurrent technologies. 2.Fostering conducive atmosphere for research and development through well equipped laboratories and qualified personnel in collaboration with global organizations.

To,

Date: 01/07/2021

The Principal,

JDCOEM, Nagpur

Subject: Request for getting permission to conduct classes for students preparing for the Graduate Aptitude Test in Engineering (GATE) under the banner of **Competitive Exam Cell**.

Respected Sir,

In order to prepare for GATE Exam, we have to conduct classes for students preparing for the Graduate Aptitude Test in Engineering (GATE) under the banner of competitive exam cell from 1/8/2021 to 25/1/2022. This activities are distributed in Module 1 to Module 7 for each Branch.

Kindly I request you to please grant permission for the same.

Thanking You!

Permitted
[Signature]

Yours Faithfully

[Signature]
Mr. Rohit M. Patne

Head

Competitive Exam Cell
JDCOEM, NAGPUR

Principal
JD College of Engineering & Management
Khandala, Katol Road
Nagpur-441501



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Date: 02/05/2021

REPORT

Subject: Classes for Students Preparing for the Graduate Aptitude Test in Engineering (GATE)

Duration: 1st August 2021 to 25th January 2022

Organized by: Competitive Exam Cell

Participants: 42 to 50 students from each Branch

Introduction:

The Competitive Exam Cell organized a series of classes aimed at preparing students for the Graduate Aptitude Test in Engineering (GATE) from 1st August 2021 to 25th January 2022. The primary objective of these classes was to equip students with the necessary knowledge and skills required to excel in the GATE examination. The classes are distributed as follows:

Class Structure:

The classes were meticulously structured to cover all the relevant topics and subjects included in the GATE syllabus. Each session was designed to be interactive, engaging, and comprehensive, ensuring that students received a thorough understanding of the concepts.

Teaching Methodology:

Various teaching methodologies, including lectures, presentations, group discussions, and problem-solving sessions, were employed to cater to different learning preferences among the participants. Experienced faculty members and subject matter experts were engaged to deliver high-quality instruction and guidance.

Syllabus Coverage:

The syllabus coverage was extensive, encompassing all the major disciplines and subjects included in the GATE examination, such as Mathematics, Physics, Chemistry, Computer Science, Electrical Engineering, Mechanical Engineering, Civil Engineering, and others. Special emphasis was placed on key topics and areas of importance as per the examination pattern.

Study Material and Resources:

Participants were provided with comprehensive study material, including textbooks, reference guides, practice questions, and previous years' question papers. Additionally, access to online resources and e-

learning platforms was facilitated to enhance the learning experience and supplement classroom teachings.

Assessment and Feedback:

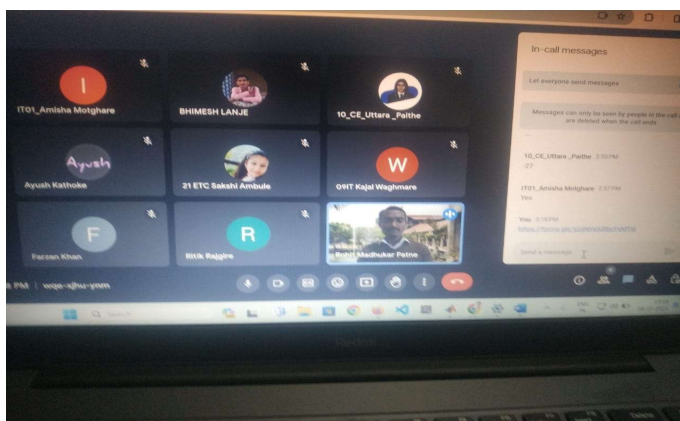
Regular assessments, quizzes, and mock tests were conducted to evaluate the progress of the students and identify areas requiring further improvement. Feedback sessions were held to provide personalized guidance and support to the participants, helping them overcome challenges and enhance their performance.

Outcome:

The classes proved to be highly beneficial for the participants, as reflected in their improved understanding of the subjects and increased confidence levels. Many students reported significant progress in their preparation for the GATE examination, with some achieving notable scores in practice tests and mock examinations.

Conclusion:

In conclusion, the classes conducted by the Competitive Exam Cell for students preparing for the GATE examination during the period from 1st August 2021 to 25th January 2022 were a resounding success. The initiative provided students with a conducive learning environment, effective teaching methodologies, and ample resources to excel in their preparation journey. It is hoped that such endeavors will continue in the future, empowering more students to achieve their academic and career aspirations.



(a) Photos of Gate Classes

Mr. Rohit M. Patne
Head
Competitive Exam Cell
JDCEM, NAGPUR

C.C. : Hon'ble Directors

- Principal
- VP-JDCEM
- Dy. Registrar
- All Deans/HOD's/SH's / Departmental Coordinator of Competitive Exam Cell for n.a.
- Library

Following are the title of the activity for the Branches:

Sr. No	Activity Detail	Branch	Number of Participants
1	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module1 for Civil Branch students on Strategies and Insights 2021-22	Civil	42
2	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module2 for Civil Branch students on Strategies and Insights 2021-22	Civil	47
3	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module3 for Civil Branch students on Strategies and Insights 2021-22	Civil	45
4	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module4 for Civil Branch students on Strategies and Insights 2021-22	Civil	46
5	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module5 for Civil Branch students on Strategies and Insights 2021-22	Civil	50
6	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module6 for Civil Branch students on Strategies and Insights 2021-22	Civil	44
7	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module7 for Civil Branch students on Strategies and Insights 2021-22	Civil	49
8	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module1 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	49
9	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module2 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	46
10	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module3 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	48
11	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module4 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	48
12	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module5 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	50


13	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module6 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	48
14	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module7 for Mechanical Branch students on Strategies and Insights 2021-22	Mechanical	43
15	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module1 for ETC Branch students on Strategies and Insights 2021-22	ETC	46
16	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module2 for ETC Branch students on Strategies and Insights 2021-22	ETC	45
17	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module3 for ETC Branch students on Strategies and Insights 2021-22	ETC	50
18	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module4 for ETC Branch students on Strategies and Insights 2021-22	ETC	45
19	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module5 for ETC Branch students on Strategies and Insights 2021-22	ETC	47
20	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module6 for ETC Branch students on Strategies and Insights 2021-22	ETC	49
21	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module7 for ETC Branch students on Strategies and Insights 2021-22	ETC	47
22	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module1 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	47
23	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module2 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	48
24	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module3 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	47
25	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module4 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	44
26	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module5 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	42
27	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module6 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	45
28	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module7 for Electrical Branch students on Strategies and Insights 2021-22	Electrical	48
29	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module1 for CSE Branch students on Strategies and Insights 2021-22	CSE	43
30	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module2 for CSE Branch students on Strategies and Insights 2021-22	CSE	44
31	JDCOEM-Unlocking Success: Mastering the GATE Exam - Series of Guest	CSE	42

	Lecture Module3 for CSE Branch students on Strategies and Insights 2021-22		
32	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module4 for CSE Branch students on Strategies and Insights 2021-22	CSE	47
33	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module5 for CSE Branch students on Strategies and Insights 2021-22	CSE	42
34	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module6 for CSE Branch students on Strategies and Insights 2021-22	CSE	49
35	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module7 for CSE Branch students on Strategies and Insights 2021-22	CSE	48
36	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module1 for CSE Branch students on Strategies and Insights 2021-22	CSE	45
37	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module2 for IT Branch students on Strategies and Insights 2021-22	IT	42
38	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module3 for IT Branch students on Strategies and Insights 2021-22	IT	45
39	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module4 for IT Branch students on Strategies and Insights 2021-22	IT	44
40	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module5 for IT Branch students on Strategies and Insights 2021-22	IT	42
41	JDCEM-Unlocking Success: Mastering the GATE Exam - Series of Guest Lecture Module6 for IT Branch students on Strategies and Insights 2021-22	IT	43
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Head
Competitive Exam Cell
JDCEM, NAGPUR

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Principal
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Principal
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Nagpur-441501



Jaidev Education Society's
J D College of Engineering & Management , Nagpur
Department of Electronics / Electronics & Telecommunication
"Rectifying Ideas, Amplifying Knowledge"
IETE Students Forum (ISF)
Session: 2018-19

Date: 08/01/2019

- 1) Name of the Event** : Seminar on Recent Trends in IT Industry
- 2) Under the Aegis of** : Institute of Electronics & Telecommunication Engineers.
- 3) Date & Time** : February 08, 2019 from 01:00 p.m. To 2:30 p .m.
- 4) Program Coordinators** : Prof. Avinash K. Ikhar
Prof. Shweta Sharma
- 5) Targeted Audience** : IV & VII Semester Students

6) Event details:

J D College of Engineering & Management, in association with IETE Nagpur centre organized a Seminar on February 08, 2019 for the students of 4th & 6th semester EN/ETC Department. The Seminar was conducted by Mr. Vaasu, Director, CMS IT, Nagpur . The Seminar was aimed in making the students to aware about the Recent trends in IT Industries, Hardware networking, LINUX, Normal And Ethical Hacking. The Seminar received an overwhelming response from all. At the end of the seminar, students got cleared with the doubt session by Mr. Vaasu, Prof. Avinash Ikhar and Prof. Shweta Sharma co-ordinated the programme, constant support was provided by Dr. P. R. Kshirsagar. This seminar was a part of events which college organizes regularly for the students to make them aware of the happenings in outer world.


Principal
JDCOEM
Principal
J D College of Engineering & Management
Khandala, Katol Road
Nagpur-441501

6) Photographs of the Event:



Figure 2 Delivering lecture on Recent Trends



Figure 1 Students listening Seminar



Figure 3 Mr. Vaasu Delivering seminar

Prof. Avinash K. Ikhar
IETE Coordinator

Prof. P. Kshirsagar
HOD (EN/ETC)
HOD, Dept. of EN/ETC
JD College of Engineering
& Management, Nagpur



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KATOL ROAD, NAGPUR
Department of CSE-IT
"A Place to Learn; A Chance to Grow"

REPORT ON SEMINAR CONDUCTED ON DATED 17 AUGUST 2018

J D College of Engineering & Management, Nagpur

Activity : Seminar on Business Intelligence
Date : 17/08/2018
Time : 3:45 PM to 4:45 PM
Company Name : Nagpur
Name of Speaker : Mr. Chandras Chaudhari

• **Objective :**

Business Intelligence tools help organizations to improve their decision making & social collaboration. It provides the means for efficient reporting, thorough analysis of data, statistics & analytics.

• **Activity Details :**

Seminar was organized for the students of 3rd & 4th Year of CSE, IT, ETC & EN. Prof. Divya Tayde introduced the Guest of Honor Mr. Chaudhari, Hon'ble Director Dr. Prashant Maheshwari and Dr. Shrikant Sonekar, Vice Principal and Dean of Academic and Dr. Philips, HOD of MBA were present for the seminar.

Today Companies need to analyze all of the data that they collect and that is where data science and business intelligence tools come in. He explained smartly about how Microsoft Excel and Microsoft PowerPivot for Excel 2010 are excellent tools for supporting the Self Service Analysis style. Microsoft Excel is the most widely deployed BI tool in the world for the Self-Service Analysis style. Virtually all power users are familiar with Excel, and this is a comfortable environment for collecting and analyzing data, and for developing reports quickly. Excel allows great flexibility regarding the types of analysis that can be done, giving users the freedom to integrate, calculate and explore the data quickly. Excel reports can be distributed to others via email or published to SharePoint Server and viewed by using Excel Services in Microsoft SharePoint Server 2010. Alternatively, users have the ability to distribute the Excel workbooks via email for quick and easy sharing, though by this method every user can modify the workbook and maintaining a single version of the truth becomes more difficult. Also, he guided if we learn this tools in the company then they will charge more as very few companies are giving training on this tools. He motivated the students now every major and small companies are working on this tools for making the business decisions and also guided every student should learn or having awareness on this tools.

• **Committee Members :**

1. Prof. P.A. Lohe (HOD IT-CSE)
2. Prof. M.M. Baig (IEI Incharge CSE/IT)
3. Prof. Aniket Bhojwar
4. Prof. Umesh Samarth

- **Total No. of Student Turned up :**

Total = 75 Students


- **Outcome of Activity :**


Seminar gives an idea to the students about how the practical challenges are faced by the organizations in the technical world. Using BI tools we can defined easily as a group of techniques and tools that are used to create, manage and analyze all the business data in an organization or enterprise. Since this techniques are computer-based its commonly refer to them as BI technologies. This technologies deal with business operations offering to the user the possibility to check and study the historical results of this business operations, analyze and control the current ones and predict the views of the upcoming ones. In future also every major and minor companies depends on the data and to handle these data we must know some techniques through which we can take the business decision efficiently .

- **Photographs :**



Felicitation of Guest Mr. Chandrahas Chaudhari


Prof. M.M. Baig
(Guest Lecture, Incharge)


Prof. P.A. Lohe
Head CSE/IT
H.O.D.
Department of CSE-IT
JDCOEM, Nagpur


Principal
JDCOEM
J D College of Engineering & Management
Khandala, Katol Road
Nagpur-441501



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REPORT ON CRT CONDUCTED ON DATED 20 JUNE 2018

J D College of Engineering & Management, Nagpur

Activity : CRT ON JAVA
Date : 20/06/2018 to 20/07/2018
Time : 11:30AM to 1:30 PM
Company Name : Network Hub
Name of Speaker : Mr. Vinit Khetani

Objective :

In order to prepare and make students ready for industry Computer Science & Information technology department has carved out a course that specifically aligns with industry requirements and conducted by industry experts.

• **Activity Details :**

Training & Placement Department of J.D.College of Engineering & Management has organized a company Recruitment Training for third year as well as final year students on Core Java from 20/6/2018 for 1 months. The CRT Session was coordinated successfully by the Asst.Prof.P.Lohe HOD (CSE/IT), Asst.Prof.M.M.Baig T&P Dept (CSE/IT). The Trainer is Vinit Khetani from Network Hub.

The course ‘Training in Core and Advanced Java’ was designed as 20+ hours of classroom and hands-on training, conducted alternate days with each session of 2 Hrs duration. These sessions are conducted after college hours, so as not to impact regular studies of the students. At a high level course covers a range of topics towards:

- Enabling students to understand basic java programming concepts
- Provide hands-on sessions to practice the concepts covered in the training
- Enable students to develop applications in Java

• **Total No. of Student Turned up :**

Total = 30 Students

• **Outcome of Activity :**

Student is able to understand fundamentals of object-oriented programming using Java, including defining classes, invoking methods, using class libraries, etc.


Student is able to use the Java SDK environment to create, debug and run simple Java programs.




Students performing practical on Java



Glimpses of Session on Java


Prof. M.M. Baig
(Guest Lecture, Incharge)


Prof. P.A. Lohe
Head CSE/IT
H.O.D.
Department of CSE-IT
JD COEM, Nagpur