



GOVERNMENT ENGINEERING COLLEGE,
GANDHINAGAR, SECTOR-28.
ELECTRICAL ENGINEERING DEPARTMENT

Expert lecture and Practice session on

Demystifying Finite Element Method (FEM): From Theory to Engineering Practice

The Department of Electrical Engineering, Government Engineering College (GEC), Gandhinagar, organized a special expert lecture and practice session on “**Demystifying Finite Element Method (FEM): From Theory to Engineering Practice**” on **21 August 2026**. The program focused on the theoretical aspects of FEM along with practical guidance on the analysis and design of electrical engineering systems. The session was delivered by **Dr. Ketan Badgujar, Professor and Head, Department of Electrical Engineering, LDCE, Ahmedabad**. Under the guidance of Principal **Dr. Sweta P. Dave**, and coordinated by Department Coordinator **Dr. Kunal A. Bhatt** and Event Coordinators **Prof. A. L. Vaghmashi** and **Prof. N. D. Patel**, the program witnessed enthusiastic participation from students of **Semester 3 and Semester 7**. The program was conducted in **two phases: an Expert Lecture and a Practice Session**, providing students with both conceptual understanding and practical exposure to FEM.



GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR
ELECTRICAL ENGINEERING DEPARTMENT

Expert Lecture and Practice Session on

Demystifying Finite Element Method (FEM): From Theory to Engineering Practice

Prominent Expert



Dr. Ketan Badgujar

Professor & Head,
Electrical Engineering,
LDCE, Ahmedabad

DATE: 21/08/2026

SESSION-I	SESSION-II
1: 00 PM TO 2: 30 PM (Expert Lecture)	3:00 PM TO 4: 30 PM (Practice Session)
C. V. Raman Hall, Block-1	Computer Lab, 3039, Block-3

Patron



Dr. Sweta P. Dave
Principal,
GEC, Gandhinagar

Event coordinator



Prof. A. L. Vaghmashi



Prof. N. D. Patel

Department coordinator



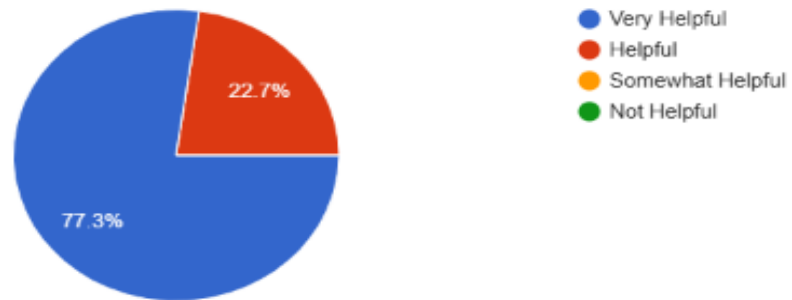
Dr. Kunal A. Bhatt



FEEDBACK OF STUDENTS:

TO WHAT EXTENT DID THIS EVENT HELPFUL?

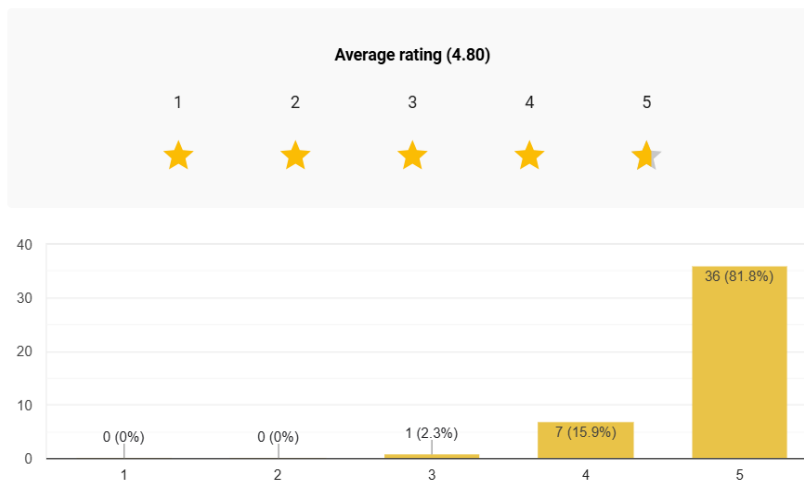
44 responses



HOW'S THE PROMINENT EXPERT?

44 responses

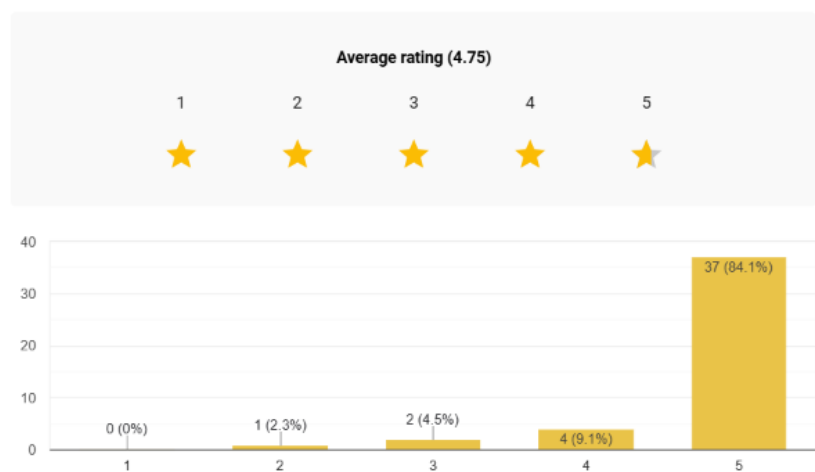
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RATE THE PRACTICE SESSION.

44 responses

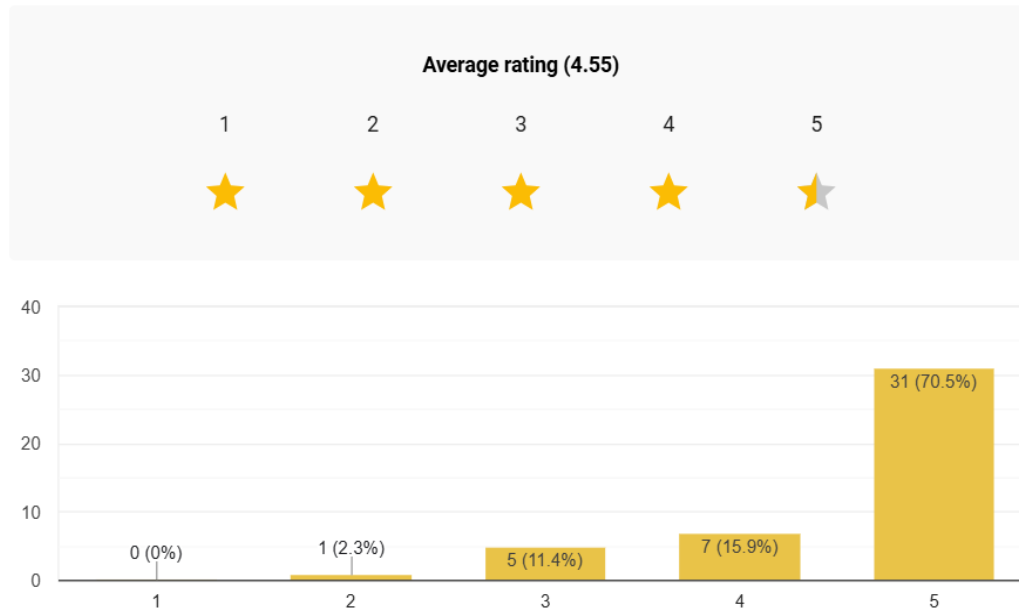
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HOW'S THE ARRANGEMENT FOR THE SESSION

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44 responses



REVIEW OF STUDENT ABOUT THE EVENT:

- The session was helpful in understanding the importance of FEM software for engineering jobs.
- It's very good and knowledgeable session we learnt somewhat new
- The event was informative, engaging, and helped bridge the gap between FEM theory and practical engineering applications.
- Excellent expert lecture with clear explanations and practical knowledge
- Very good initiative taken by the Electrical Engineering Department, students got to know many new things about FEM.
- Such kind of expert lectures is very helpful for the bright future of students 😊
- Very informative and practical event that clearly explained FEM concepts and their real-world engineering applications.
- This event was extremely valuable and beneficial for all of us. The practical knowledge and guidance we received will help build a strong foundation for our future careers and engineering journey.
- The expert lecture on FEM was very informative and easy to understand. I learned about the basic concepts of FEM, such as elements, nodes, meshing, boundary conditions, and its practical applications. The real-world examples in electrical engineering made the topic more interesting. Overall, it was a very useful and insightful session.

ફેમ પર વિશેષ એક્સપર્ટ લેક્ચરનું આયોજન કરાયું



સરકારી ઈજનેરી કોલેજના ઇલેક્ટ્રિકલ એન્જિનિયરીંગ વિભાગ દ્વારા FEM પર વિશેષ એક્સપર્ટ લેક્ચરનું આયોજન કરાયું હતું. કાર્યક્રમમાં ફેમના સૈદ્ધાંતિક પાસાઓ સાથે ઇલેક્ટ્રિકલ એન્જિનિયરીંગ સિસ્ટમના એનાલિસિસ અને ડિઝાઇન માટે પ્રાયોગિક માર્ગદર્શન આપવામાં આવ્યું હતું.

ઇલેક્ટ્રિકલ એન્જિ. માટે એક્સપર્ટ લેક્ચર



સરકારી ઈજનેરી કોલેજ, ગાંધીનગરમાં એક્સપર્ટ લેક્ચર અને પ્રેક્ટિસ સેશનના આયોજનમાં ફેમના સૈદ્ધાંતિક પાસા સાથે ઇલેક્ટ્રિકલ એન્જિનિયરીંગ સિસ્ટમના એનાલિસિસ અને ડિઝાઇનનું માર્ગદર્શન આપવામાં આવ્યું હતું.