

## FORM 6:CO-ORDINATORS' FINAL REPORT ON TEQIP EVENT

1. **Title of Event:**One Day Technical Talk on “Introduction to Finite Element Method”
2. **Conducting Department / Centre:**Mechanical Engineering Department
3. **Dates:**9<sup>th</sup> June, 2018
4. **Venue:**Seminar Hall, Mechanical Engineering Department
5. **Coordinator (s):**1) Mr.Ajoy Krishna Dutta  
Assistant Professor, Mechanical Engineering Department, JEC  
2) Mr. Mafidur Rahman  
Assistant Professor, Mechanical Engineering Department, JEC
6. **Participants:** 4<sup>th</sup> Semester B.E. Mechanical Engineering Students
7. **Applications received Nos:** 85      **Offered Nos:** 85      **Number Participated:**85
8. **Focus of the TEQIP Event(Brief Purpose/Theme etc):**  

The talk dealt with the introduction to Finite Element Method in Engineering and its applications. Students are able to know the different steps of Finite Element Method and its application. Also student are able to write Code in MATLAB for solving basic problem of FEM.
9. **Participants' Feed Back statistics No.:**Average 7.89 out of 10
10. **Gallery:** Pictures/Photos/ Poster/Brochure/Announcement/ Screen capture of Website / CD/DVD





## 11. Presentations, Lectures: Program Schedule

SI No	Program	Date and Time
1.	Registration and Inauguration Inaugurated by Prof. P. B. Barua, HOD, Mechanical Engineering Department	9 <sup>th</sup> June, 2018 9:30 AM - 10:00 AM
2.	Finite Element Methods in Engineering, Lecture 1 & 2 Delivered By: Dr. Karuna Kalita Associate Professor, MED, IITG	9 <sup>th</sup> June, 2018 10:30AM-11:30 AM
3.	Finite Element Methods in Engineering, Lecture 3 & 4 Delivered By: Dr. Karuna Kalita Associate Professor, MED, IITG	9 <sup>th</sup> June, 2018 11.45 AM- 01:00 PM
4.	Finite Element Methods in Engineering, Lecture 5 Delivered By: Dr. Karuna Kalita Associate Professor, MED, IITG	9 <sup>th</sup> June, 2018 2:00 PM – 3:00 PM
5.	Application of FEM using MATLAB Code Delivered By: Dr. Karuna Kalita Associate Professor, MED, IITG	9 <sup>th</sup> June, 2018 3:15 PM- 4:15 PM
6.	Valedictory Session	9 <sup>th</sup> June, 2018 4:15 PM - 4:30 PM

## 12. Coordinator(s)' Feedback / Suggestions/on Event :

The event was a successful one. It appears to have satisfactory introduction to the subject of Finite Element Method for the 4<sup>th</sup> Semester B.E. Mechanical Engineering Students. The technical talks were relevant to the title and were well-appreciated by the students. As co-ordinators we are very thankful to TEQUIP-III for their financial help. Also we are thankful to Dr.(Mrs) Reeta Sarmah, Principal, JEC and Dr.Parimal Bakul Barua, Head of the Department, Mechanical Engineering Department, JEC as well as

all the Faculty and Staff of MED for their help and support towards successful completion of this technical talk. We are also thankful to the speaker Dr.Karuna Kalita, Associate Professor, IITG for hisvaluable lecture. It appears that such kind of talk helps to orient the students in their future plan of action, both academically and professionally.

**Signature of Coordinator(s)**

**(Mr. Ajoy Krishna Dutta)**

**(Mr. Mafidur Rahman)**