

## About the Institute

Tripura Institute of Technology is quite a famous institute in the entire of the North-East India. This is also the only State Government Engineering College in the State of Tripura, affiliated to Tripura University, a central university.

This institute had started its journey in 1958 with three diploma courses in Civil, Electrical and Mechanical Engineering, under WBSCTE. Currently, this college offers, degree courses in Mechanical, Civil, Electrical, Electronics and Communication Engineering and Computer Science Engineering, and diploma courses in 8 different streams, including Automobile Engineering, Food Processing technology and Architectural assistantship. It has remained a glorious journey for this institute to serve the nation, with best technical education. The vision of the Tripura Institute of Technology is to emerge as one of the best Technical Institutes of the country in creating quality engineers and leaders through excellence of technical education, for industries and for the society.

The climate of Agartala is very pleasant during July, with normal temperature around 23-34°C along with a slight raining. Tripura Institute of Technology has a large, green beautiful campus, 12 km away from the Agartala city and very close to the airport

## About the Department



The department of **Mechanical Engineering** has highly qualified and experienced teachers specialized in different fields of Mechanical Engineering. There are well equipped Labs for performing practical experiments and project works. One of them is the CAD and Ansys, which is directly related to the proposed workshop. The department has a large building to accommodate all the students, teachers and research activities. The members of alumni of our department are working in almost all sectors in India and abroad. Many of them are able to show excellence in their respective fields which are raising the glory of this prestigious institute.

## Two day Workshop

on

## Finite Element Method in Solid Mechanics: Analysis, Approach and Applications

(From 23<sup>rd</sup> to 24<sup>th</sup> July, 2018)

(Under TEQIP III)



Organised by

**Department of Mechanical Engineering**  
Tripura Institute of Technology,  
Narsingarh, Agartala-799009

[www.titagartala.ac.in](http://www.titagartala.ac.in)

## Time schedule

**Day 01 :** Date 23-07-2018

**Speaker:** Prof. Debasis Datta, Prof. Sankar Dhar,  
Dept. of Mech. Engg., IEST Shibpur.

**Topic:** Introduction to finite element modeling,  
theory and analysis.

**Time:** Activity

10.00 am – 10:15 am : Registration  
10.15 am - 10:45 am : Inaugural Session  
10.45 am – 11.00 am : TEA BREAK  
11 am - 01:00 pm : Technical Session –I  
01:00 pm- 2:00 pm : LUNCH BREAK  
02:00 pm - 3:30 pm : Technical Session –II  
03.30 pm-3:45pm : TEA BREAK  
03.45 pm -5:00 pm : Technical Session –III

**Day 02 :** Date 24-07-2018

**Speaker :** Prof. Sankar Dhar, Prof. Debasis Datta,  
Dept. of Mech. Engg., IEST Shibpur.

**Topic:** Active research areas on finite element  
modeling.

**Time:** Activity  
10.00am- 10:45am: Technical Session –IV  
10:45 am-11:00 : TEA BREAK  
11:00 am-1:00 : Technical Session –V  
1:00 pm- 2:00pm : LUNCH BREAK  
2:00 pm-3:00 pm :Technical Session –VI  
3:00 pm -3:20pm : TEA BREAK  
3:20pm- 4:30pm : Technical Session-VII  
4:30pm-5:00pm : Concluding session.

**Venue:** Dept. of Mechanical Engineering.

**Objective:** To provide a clear understanding of FE  
theory and applications in research.

**Eligibility:** Faculty members interested in  
relevant fields are eligible to apply. Maximum  
25 participants will be selected. **Deadline**  
for receiving completed application is **19<sup>th</sup> July,**  
**2018.** Selection will be intimated on **21<sup>st</sup> July,**  
**2018.**

### Registration Process

Registration fee: Rs. 500 (five hundred only).  
Demand Draft (DD) of any nationalized bank in  
favour of Principal, TIT Narsingarh, payable at  
Agartala, should be used for payment. The  
scanned copy of Registration Form along with  
DD is to be sent via email to  
[soumyamechanics@gmail.com](mailto:soumyamechanics@gmail.com) and/or  
[sudip.tit@gmail.com](mailto:sudip.tit@gmail.com) on or before **19<sup>th</sup> July,**  
**2018.** The hard copy of original registration  
form and DD are to be submitted at the  
registration desk to finalize registration. **No**  
**TA/DA will be provided.** Working lunch and  
tea will be given.

### Chairman

**Mr. Arup Kumar Das Choudhury, Principal.**

### Co-ordinators

Mr. Biswajit Majumder, Asst. Prof.,  
Mr. Soumya Mukherjee, Asst. Prof..

### Organizing Committee

Prof. Sekhar Datta, Prof., ME,  
Mr. Raja Chakraborti, HOD, ME,  
Mr. Pankaj Kumar Das, Asst. Prof.,  
Mr. Sudip Bhowmik, Asst. Prof.,  
Mr. Arup Datta, Asst. Prof.,  
Mr. Johnson Debbarma, Asst. Prof.,  
Mr. Sukanta Das, Asst. Prof.,  
Mr. Debraj Das, Asst. Prof.,  
Mr. Bijoy Kr. Deb, Asst. Prof.,  
Mr. Dipak Debbarma, Asst. Prof.,  
Dr. Manoj Kr. Tribeni, Asst. Prof.,  
Mr. Harshin Kamal A., Asst. Prof..

## Workshop On Finite Element Method in Solid Mechanics; Analysis, Approach and Application. Registration Form

(Please mail to reach before 19<sup>th</sup> July, 2018)

- 1.Name : .....
2. Designation:..... Sex: Male/Female .....
3. Office address: .....
4. Mobile No.....
5. Email ID:.....
6. Academic Qualifications: .....
7. Teaching Experience (Years).....

I agree to abide by the rules of the TEQIP course. If  
selected, I shall participate in the course for the entire  
duration.

Date:

Place:

Signature

The applicant Mr/Ms...  
.....from our institution is permitted to attend  
the Workshop on “Finite Element Method in Solid  
Mechanics; Analysis, approach and  
application” to be held during 23<sup>rd</sup> July - 24<sup>th</sup> July, 2018  
at the Tripura Institute of Technology, Agartala. if selected.

Signature of Competent Authority