



VIMAL JYOTHI
ENGINEERING COLLEGE
JYOTHI NAGAR, CHEMPERI P.O, KANNUR DT. - 670632
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DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP
On

**INTRODUCTION TO
STRESS STRAIN ANALYSIS
USING FEM SOFTWARE**

**ON
16-11-2019**



Intended Audience
S3 ME
Students

Resource Person
Mr. Johny P Joseph
(Assistant Prof., ME)
Co ordinator
Mr. Aji Augustine
(Assistant Professor, ME)

Venue
CAD Lab



VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI - 670632, KANNUR D.T. KERALA
An ISO 9001:2008 Certified Institution

EVENT PROPOSAL FORM

| | | |
|----|--------------------------------|---|
| 1 | Event type and Name | Introduction to stress analysis using FEM Software |
| 2 | Date and time | 16-11-2019 & 9:00-12:10 (S3ME-A) , 16-11-2019 & 1:00-04:10 (S3 ME-B) |
| 3 | Participants/audience | S3 ME students |
| 4 | Venue | CAD Lab ME department |
| 5 | Objectives | To develop analysis skills for designing beam structures based on topics of Mechanics of solids. |
| 6 | Expected outcomes | Students will be able to develop structural analysis skills of beams |
| 7 | Connected POs/PSOs | PO 4, PO 5, PSO1 |
| 8 | Justification for POs/PSOs | The session will impart knowledge to solve complex engineering problems using modern softwares ANSYS. |
| 9 | Resource requirements | CAD Lab facilities, software ANSYS & FEMAP |
| 10 | Any other Relevant Information | NIL |
| 11 | Responsible Persons | Coordinator: Mr. Johny P Joseph (Aji Augustine) Resource Person: Johny P Joseph (AP, ME) |
| 12 | Department | Mechanical Engineering |

Proposal prepared by

Aji Augustine

Recommended by

14/11/19

WORKSHOP ON STRESS STRAIN ANALYSIS USING FEM

DEPT. OF MECHANICAL ENGINEERING

VIMAL JYOTHI ENGINEERING COLLEGE

REGISTRATION DETAILS

| SL.NO. | STUDENT NAME | CLASS | USN | SIGNATURE |
|--------|----------------------------|--------|------------|-------------|
| 1 | Alvin Sebastian | S2 MEA | VML18ME011 | [Signature] |
| 2 | Bharanitharan | S2 MEA | VML18ME024 | [Signature] |
| 3 | Anas Abdulla A | S2 MEA | VML18ME014 | [Signature] |
| 4 | Shan Mathew | S2 MEA | VML18ME057 | [Signature] |
| 5 | Sripin Pradeep m k | S2 MEA | VML18ME065 | [Signature] |
| 6 | Geerany M | S2 MEA | VML18ME063 | [Signature] |
| 7 | Navaneethan | S2 MEA | VML18ME040 | [Signature] |
| 8 | Narayana Prasad | S2 MEA | VML18ME070 | [Signature] |
| 9 | George Theobald | S2 MEA | VML18ME030 | [Signature] |
| 10 | Albin Jey | S2 MEB | VML18ME009 | [Signature] |
| 11 | Shamaskutty madhoo | S2 MEB | VML18ME066 | [Signature] |
| 12 | AKHIL K'S | S2 MEB | VML18ME074 | [Signature] |
| 13 | Shyamalan | S2 MEB | VML18ME058 | [Signature] |
| 14 | Harith E | S2 MEA | VML18ME036 | [Signature] |
| 15 | Sourabh Pramod c | S2 MEA | VML18ME059 | [Signature] |
| 16 | Sarvam | S2 MEA | VML18ME054 | [Signature] |
| 17 | ANURAG T R | S2 MEA | VML18ME017 | [Signature] |
| 18 | Yadunandan P m | S2 MEA | VML18ME071 | [Signature] |
| 19 | Arya Santhosh | S2 MEA | VML18ME010 | [Signature] |
| 20 | Rosh George | S2 MEA | VML18ME049 | [Signature] |
| 21 | George Ruckun | S2 MEB | VML18ME029 | [Signature] |
| 22 | [Signature] | S2 MEB | VML18ME064 | [Signature] |
| 23 | Yakul Sidharth | S2 MEB | VML18ME072 | [Signature] |
| 24 | Abhiram Krishnan | S2 MEB | VML18ME001 | [Signature] |
| 25 | Vishnav vijayam | S2 MEB | VML18ME070 | [Signature] |
| 26 | Muhammed Shahid Abdulkader | S2 MEB | VML18ME039 | [Signature] |
| 27 | ASWIN P P | S2 MEB | VML18ME023 | [Signature] |
| 28 | SARANGI MANOJ | S2 MEB | VML18ME055 | [Signature] |
| 29 | ASWIN C RAMESH | S2 MEB | VML18ME021 | [Signature] |
| 30 | Abhijith Tv. | S2 MEA | VML18ME073 | [Signature] |
| 31 | Aswin K P | S2 MEA | VML18ME022 | [Signature] |
| 32 | Akshay K | S2 MEB | VML18ME007 | [Signature] |
| 33 | SALVIN SAJI | S2 MEB | VML18ME051 | [Signature] |
| 34 | Arjun Babu | S2 MEA | VML18ME019 | [Signature] |
| 35 | Vishal P | S2 MEA | VML18ME061 | [Signature] |
| 36 | Vaishak C | S2 MEA | VML18ME067 | [Signature] |
| 37 | Muhammed Anwar chackal | S2 MEA | VML18ME085 | [Signature] |
| 38 | Anas Abdulla | S2 MEA | VML18ME048 | [Signature] |
| 39 | Rishu hari P | S2 MEA | VML18ME048 | [Signature] |
| 40 | Anandu Sujith | S2 MEA | VML18ME085 | [Signature] |

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VIMAL JYOTHI ENGINEERING COLLEGE

REGISTRATION DETAILS

| SL.NO. | STUDENT NAME | CLASS | USN | SIGNATURE |
|--------|------------------|-------|------------|-----------|
| 1 | Sreeprasad P.C | S2MEA | VML18ME061 | |
| 2 | Pranav P.V | S2MEA | VML18ME096 | |
| 3 | Dhyam S Nambiar | S3MEA | VML18ME026 | |
| 4 | Kanishkashree | S2MEA | VML18ME028 | |
| 5 | ALAN SEBASTIAN | S3MEA | VML18ME008 | |
| 6 | Nikhil Raj | S2MEA | VML18ME042 | |
| 7 | Abhishek Aravind | S2MEA | VML18ME002 | |
| 8 | Garha Manu Saji | S3MEB | VML18ME053 | |
| 9 | Varun B Raj | S2MEB | VML18ME068 | |
| 10 | Justin Manoj | S2MEB | VML18ME034 | |
| 11 | MELVIN K JIJU | S2MEB | VML18ME037 | |
| 12 | LALITH M.K | S2MEB | VML18ME036 | |
| 13 | Adwait T | S3MEB | VML18ME000 | |
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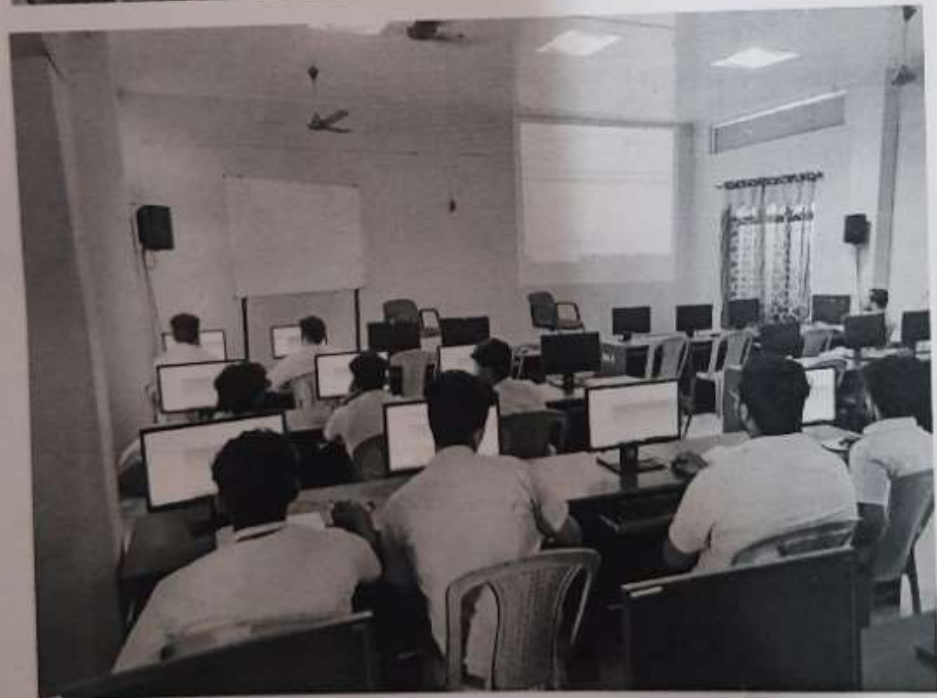
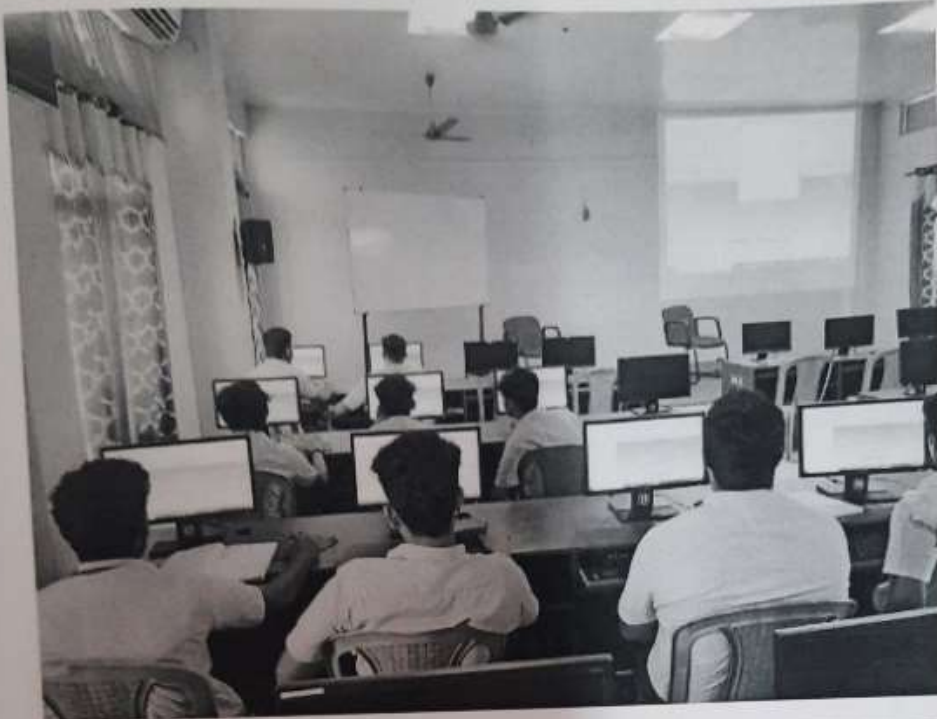
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|-----------------|---|
| Date: | 16-11-19 |
| Workshop Name | INTRODUCTION TO STRESS STRAIN ANALYSIS USING FEM SOFTWARE |
| Location: | CAD LAB DEPARTMENT OF MECHANICAL ENGINEERING |
| Resource Person | Mr. Johny P Joseph |
| Coordinator | Mr. Aji Augustine |
| Participants: | Second Year Mechanical Batch (2018-22) |


Please respond to the following statements by using the 5-point rating scale to indicate the extent to which you agree or disagree with each statement. Please circle the number that applies.

3= Excellent 2= Good 1=fair 0= Poor

| | |
|---|---------|
| 1. Workshop objectives were stated clearly and met. | 3 2 1 0 |
| 2. The workshop was well organized. | 3 2 1 0 |
| 3. The workshop helped me to learn how to work effectively with my peers in a workshop setting. | 3 2 1 0 |
| 4. The information and/or skills presented were relevant and useful | 3 2 1 0 |
| 5. The presenter(s) provided adequate time for questions and answered them satisfactorily. | 3 2 1 0 |
| 6. The presenter(s) modeled student-centered learning strategies and techniques. | 3 2 1 0 |
| 7. This workshop increased my knowledge and skills in FEM. | 3 2 1 0 |
| 8. The workshop presented was relevant to PO-4- Solution of Complex Engineering Problems | 3 2 1 0 |
| 9. The workshop presented was relevant to PO-5-Usage of modern Tools | 3 2 1 0 |
| 10. The workshop presented was relevant to PSO-1 Usage of CAD Technologies in Mechanical Engineering Problems | 3 2 1 0 |

STUDENTS NAME: Bavaneeth R
CLASS: SS ME A
SIGNATURE: Bavaneeth R
DATE: 16/11/19



Aji Augustine 
20/11/19