



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
(An Autonomous Institute under Kakatiya University, Warangal)
Opp : Yerragattugutta, Bheemaram (V), Hasanparthy (Mandal), WARANGAL - 506 015, Telangana State, INDIA.
काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना राज्य, भारत
కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - 506 015, తెలంగాణ రాష్ట్రం, భారతదేశము
DEPARTMENT OF MECHANICAL ENGINEERING

Career Guidance and e-Counseling in the Academic Year 2018-19

**One Week ISTE, IPE AND ENTUPLE sponsored
SHORT TERM TRAINING PROGRAMME (STTP)
on
HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18)
12 – 16 NOVEMBER, 2018**

One Week Short Term Training Program on “HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18)” was organized from 12-16 NOVEMBER, in the Department of Mechanical Engineering. A total of **Ten** resource persons have delivered lectures on various topics related to Hands on Program on ANSYS software. Seventy Three (73) members have registered for the program.

Dr. P. Ravinder Reddy, Principal, Chaitanya Bharathi Institute of Technology, Hyderabad, was the chief Guest of the Inaugural Function. Capt. V. Lakshmikantha Rao, Secretary and Correspondent, KITSW and Member of Parliament, Rajya Saba, has presided over the function. Sri. P. Narayana Reddy, Treasurer, KITSW, has congratulated the organizers. Dr. K. Ashoka Reddy, Principal, KITSW, has emphasized the significance of the research towards fulfillment of needs of the society. Dr. K. Eswaraiah, Professor and Head, Department of Mechanical Engineering, Kakatiya Institute of Technology and Science, has appreciated the team HPAS-18 for organizing this event. He elaborated that, the program will provide a vast exposure to the research in ANSYS applications for participants. Dr. K. Sridhar, Professor, MED, Dr. K. Raja Narendra Reddy, MED, Professor, Dr. P. Srikanth, Professor, MED are organizing Secretaries while Dr. G. Ganesh Kumar, Associate Professor, MED Sri. P. S. S. Murthy, Assistant Professor, MED, KITSW are Conveners. for the event. Sri. J. Laxman, Assistant Professor, MED, Sri. S. Chandramouli, Assistant Professor, MED, and Sri. A. Hari Kumar, Assistant Professor, MED have acted as coordinators for the programme. Dr. G. Ganesh Kumar has given a brief introduction about STTP. Sri. P. S. S. Murthy, has advocated the details of the participants from various institutes. Dr. K. Eswaraiah, Professor, acted as a Chairman of the event. Sri. A. Hari Kumar, introduced about the resource persons for STTP from various organizations.

Short Term Training Programme (STTP)
On
“HANDS ON PROGRAMME ON ANSYS SOFTWARE (HPAS-18),
12 – 16 NOVEMBER, 2018, organized by Department of Mechanical Engineering.

A one week Short Term Training Program (STTP) on ANSYS was conducted as part of IAAHP.

12-Nov-2018:

Inauguration Function



The following „Hands-on“ activities were performed:

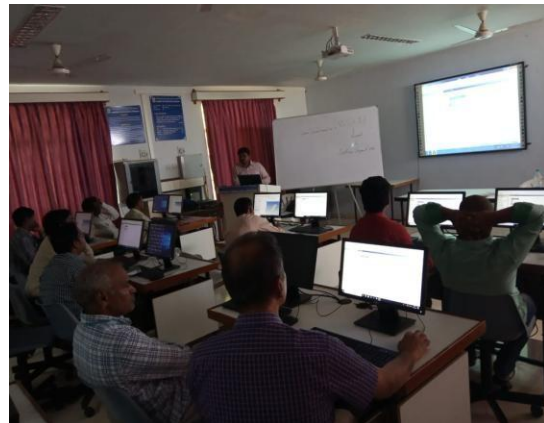
- Keynote address by Prof. P. Ravinder Reddy garu, Principal CBIT on Finite Element Analysis



- Dr. P. Ravinder Reddy visited Department of Mechanical Engineering.

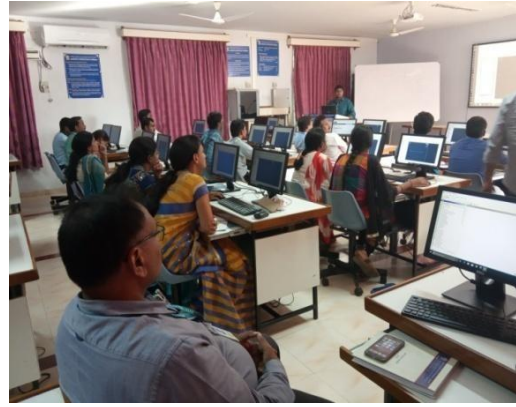
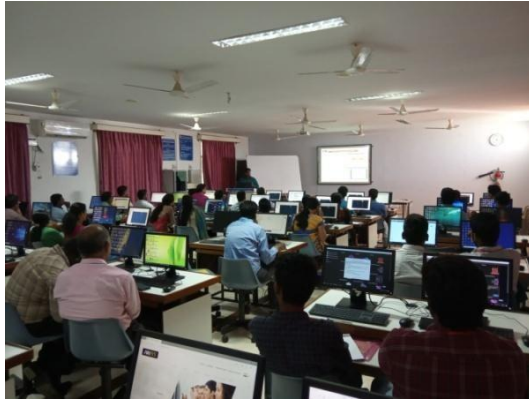
12-Nov-2018:

- Mr. Gokul Raj, Entuple Technologies, Hyderabad has dealt with the session
- He discussed about the fundamental principle tools of ANSYS software.



13-Nov-2018:

- Hands on - ANSYS Space-claim (designing software, which is going to succeed ANSYS Design modeler).
- Space-claim is the default option from ANSYS 19.2 by Sri. Gokul Raj. He discussed about
 1. Hands on -Static structural analysis on simple beams
 2. Hands on - Von-mises stress, deformation, failure points on simple problems
 3. Hands on - Transient loading conditions and their results
 4. He solved on certain Mechanical Engineering design problems using ANSYS Software.



14-Nov-2018:

- Mr. S. Satish, Entuple Technologies, Hyderabad, has given an expert lecture for the complete day. He Discussed about the following:
 1. Introduction to ANSYS Fluent and different tools used for analysis.
 2. Hands on -Mixing elbow problem (bent pipe with 2 inlets containing hot and cold fluids and 1 outlet)
 3. Hands on - Tee Junction
 4. CFD Post - Contours, streamlines, streamline – animation
 5. He also solved different heat transfer problems using ANSYS fluent Software.



15-Nov-2018:

- Mr. S. Satish, Entuple Technologies, Hyderabad, has given an expert lecture for the complete day. He Discussed about the following:
 1. Ansys meshing
 2. Hands on -Landing gear, Heat Exchanger
 3. Hands on - Transient analysis - Von Karman vortices



Sri. Sk. Avez Shariq has presented about an introduction to Turbulence modelling.

16-Nov-2018: Dr. G. Ganesh Kumar, Associate Professor, MED, KITSW, has given an expert lecture on “Application of a CFD tool for a research problem, A Case Study”



- Sri. J. Laxman, Assistant Professor, MED, KITSW, has given an expert lecture on Finite Element Analysis on Truss”.



- Sri. S. Chandramouli, Assistant Professor, MED, KITSW, has given an expert lecture on “Structural Analysis of Elastic Beams”.



- Sri. Ch. Karunakar, Assistant Professor, MED, KITSW, has given an expert lecture on “Static Structural Analysis of One Dimensional Stepped bar by using ANSYS”.



- Sri. A. Hari Kumar, Ch. Karunakar, Assistant Professor, MED, KITSW, has given an expert lecture on “Practical Finite Element Analysis”.



Valedictory Function:

- The valedictory function was started at 4.30pm. Dr. K. Eswaraiah was the chief guest.



- Dr. P. Srikanth, Convener, has addressed the gathering.
- Dr. G. Ganesh Kumar, has spoken about the programme that have been conducted for five days.
- Sri. P. S. S. Murthy addressed the gathering presenting about the benefits of the program. Further the participants were asked to give their feedback.
- Dr. K. Eswaraiah has felicitated the experts of the morning session.
- Then the vote of thanks was given by Sri. A. Hari Kumar, Asst. Professor, MED, KITSW

