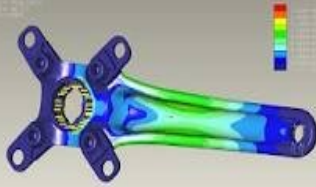


Mechanical Department

12th to 15th May, 2014

SMT. S. R. PATEL ENGINEERING COLLEGE

FDP Report

FDP on “ANSYS 15.0”

Objectives:

To get the detail knowledge about the new version of Ansys 15.0. Application of different module of the system.

To know the viability of this software To solve different Engineering problems.

Course Instructor:

Mr. Ashif Iqbal
Team leader
Infinite Solution, Pune.

FDP co-ordinators:

Prof. Jayendra B. Patel
Mechanical Deepartment,
SRPEC.

Prof. Vinod P Rajput
Mechanical Deepartment,
SRPEC

Summary:

Faculty got the basic and advance knowledge of about this software shared by the expert Mr. Ashish. The content covered by Expert given in following

Topics :

- Introduction to the Finite Element Method
- Selection Logic
- Meshing
- Material Properties
- Boundary Conditions
- Post-processing
- Sample Structural Analysis

DETAIL OF FDP

This FDP program about ANSYS 15.0 contains the basic and detail study of its different module. Mr. Ashif Iqbal started with the basics of different methods like FEA, FEM, FVM. Then went on the node, element like such things. First day he covered APDL related to structure analysis. The second day stated with the basics of workbench it included with the different Analysis systems like themal, structural, vibrations. Faculties were trained to use the modules related to structure, vibrations and its meshing.

Third day was for the modules related to thermal analysis and CFD post and pre works. Expert explained the different meshing related to fluid and its volume meshing, and mixing of the different fluids. Fourth day was for fluid flow CFX and its application to the real engineering problem of fluid flow.

Course Participants:

FDP was organized for faculty members of Mechanical Engineering Department . There were 18 faculties present in this FDP.

PHOTO GALLERY DURING THE DAY



Participants' Feedbacks:

At the end of any activity it is very much important to have a feedback from faculty members. Proper study related to area like FEM, FVM related to curriculum is required as pre work. .

Prime feedbacks were:

- Adequate information was given by speakers
- Further detail training should be arranged as per module of software.
- Engineering problem related to course were very helpful to be used to this software.
- Participants will interested in this type of training in future

EVALUATION OF WORKSHOP QUALITIES BY PARTICIPANTS

	Excellent	Very Good	Good	Inadequate
Relevancy of Topics	13	75	12	0
Overall Quality of Contents	30	38	31	0
Duration of Workshop	25	62	12	1
Communication by faculty	38	37	13	0

