

Faculty Development Programme

on

"FINITE ELEMENT METHODS TO SOLVE ENGINEERING PROBLEMS"

Department of Civil Engineering, Guru Nanak Dev Engineering College (GNDEC) Ludhiana in association with IGS Ludhiana Chapter organized one week Faculty Development Program (FDP) on **'Finite element methods to solve engineering problems'** from 22th to 26th July' 2013 at GNDEC Ludhiana Campus. This FDP was sponsored under TEQIP-II scheme of Government of India. **Dr. M. S. Saini**, Director GNDEC was the Chief Guest and **Dr. Indra Vir Singh**, Associate Professor, IIT Roorkee, was the guest of honour during the inaugural function.

The organizers got overwhelming response for the programme where-in more than 30 participants from different parts of the country including Punjab, Haryana, Himachal Pradesh, Maharashtra and Tamil Nadu attended it. Resource persons from outside (IIT's) as well as from within the institute (GNDEC) discussed in detail various advantages that this method (FEM) offered in different fields of engineering, namely Civil, Mechanical, Electrical etc. They also emphasized its use in various disciplines of applied sciences. Various FEM based software's like Abacus, Adina, MATLAB etc. were introduced to the participants during the course. At the end of the course participants took an examination (MCQ), and the results were very encouraging where most of the participants answered 80% questions correctly.

This was the first Faculty Development Program organised by the department under the aegis of TEQIP-II. **Dr. H. S. Rai**, Chief Coordinator extended warm welcome to all guests and delegates. **Dr. J. N. Jha**, Professor and Head Civil Engineering Department spoke about the importance and usefulness of such programs for professional growth of individuals. **Prof. Gurdeepak Singh**, Associate Professor, Civil Engineering Department anchored the inaugural function and **Dr. B. S. Walia**, Professor, Civil Engineering Department proposed the vote of thanks.

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