



POORNIMA UNIVERSITY

REPORT
On
Special lecture by

Dr. Nand Kishore Sharma

SUBJECT NAME: Basic of Structure

Date: 19 march 2015

Time: 1p.m. – 3p.m.

Audience: III year Civil Engg. students

No. of Students: 98

DETAIL OF EXTERNAL FACULTY

Name	Dr. Nand Kishore Sharma
Experience	More than 54 Years
Qualification	PhD. From USA
Specialization	Structures
Area of Interest	Structures
Institution	Poornima Institute of engineering & Technology
Contact Number	07898489727
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CONTENTS OF LECTURE:

- Introduction: Basic Of Structure
- Sources Of load, Types of Supports, Theory of Structure, Determinate & Indeterminate Structure
- Importance of Structure for CIVIL Engineering

FEEDBACK FROM STUDENTS: (filled by students in the presence of HOD)

Content Covered:	<ul style="list-style-type: none">➤ Introduction: Basic Of Structure➤ Sources Of load, Types of Supports, Theory of Structure, Determinate & Indeterminate Structure➤ Importance of Structure for CIVIL Engineering
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Content Relevance:	BASIC OF STRUCTURE IN CIVIL ENGG
Content Quality	Very good.
Quality of Delivery	The purpose of this SPL to understand the importance & use of Structure. He covered almost all the basics used in civil engg. The way of teaching was very effective & everyone was able to understand easily.
Query Handling	He satisfied all the students by solving their queries.

FEEDBACK FROM INTERNAL FACULTY

The session was taken by Dr. N.K. Sharma American Professor having 54 Years Experience on the subject Theory of Structure. He gave an overview on the topics as listed below:

- 1. Elastic System**
- 2. Different sources of loads & support system**
- 3. Determinacy & Indeterminacy**
- 4. Classical Methods (Double Integrator, Area Moment, Moment Distribution Method, Macaulay's Method, Strain Energy Method).**
- 5. Virtual Work, Maxwell's Theorem, Bette's Theorem, Principle of real work & virtual work**
- 6. Influence Line Diagram & Unit Displacement Method**
- 7. Slope Defection Method**
- 8. Castiglione's Theorem**

It was a very knowledgeable lecture. Students learnt loads of things & cleared all doubts. The way of teaching was very simple & very effective. At the end of the Special Lecture students asked their queries.

CONCLUSION: It was beneficial for students to understand basic concept & use of Structure. This lecture was very effective.