



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**

L.B.REDDY NAGAR, MYLAVARAM-521 230.A.P. INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Accredited by NBA

New Delhi & Certified by ISO 9001:2008

**DEPARTMENT OF CIVIL ENGINEERING (C.E Dept)**

<http://www.lbrce.ac.in>, [hodcivil@lbrce.ac.in](mailto:hodcivil@lbrce.ac.in) Phone: 08659-222933, Fax: 08659-222931

### **Three-Day Faculty Development Program**

Topic: Fundamentals of Structural Analysis

Date: 7<sup>th</sup> – 9<sup>th</sup> November, 2016

Venue: 5G02

Resource persons: Dr K. Srinivasa Reddy, Professor, LBRCE

Dr V. Ramakrishna, Professor, LBRCE

Dr P. Lovaraju, Professor, LBRCE

Dr P.V.Chandra Sekhar Rao, Professor, LBRCE

### **Report**

A 3-Day faculty development programme on Fundamentals of Structural Analysis was organized for Civil, Aerospace and Mechanical Engineering faculty in LBRCE by Civil Engineering Department during 7<sup>th</sup> – 9<sup>th</sup> November, 2016.

The resource persons delivered fundamental concepts of development of free body diagram, shear forces and bending moment, shear and bending stresses and analysis of pin-jointed plane frames. Structural analysis is the fundamental subject for Civil, Aerospace and Mechanical Engineering branches and the analysis helps in understanding the behaviour of various structural members under different load conditions. The faculty members were refreshed the basics of structural analysis with hands-on practice and interactive sessions.



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