



**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

## **Two-Day National Level Workshop**

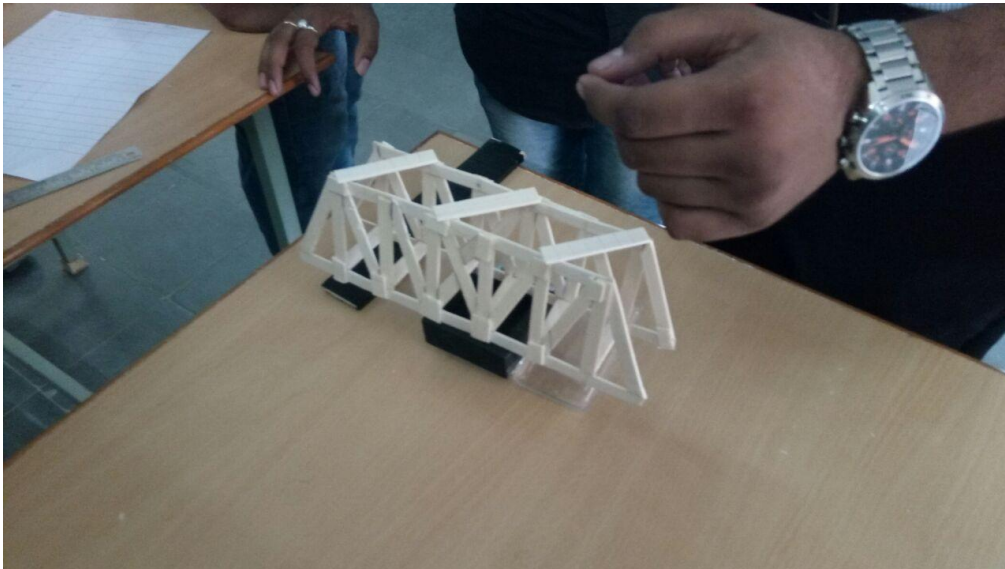
*Topic: Civil Bridge Designing*

*Resource Person: Sri Mustafa, Robokart.com, Mumbai.*

*Occasion: IE (I) Student Chapter activity organized in association with Innovation Cell, IIT Bombay and Robokart.com*

*Date & time: 24<sup>th</sup> and 25<sup>th</sup> March 2017*

*Venue: Rose Hall/V Block*





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## REPORT

A two-day National Level Workshop on Civil Bridge Designing is organized by Civil Engineering Department in association with Innovation Cell, IIT Bombay and Robokart.com. This programme is organized as a part of IE (I) Student Chapter activity for the 1<sup>st</sup> and 2<sup>nd</sup> B.Tech Civil students. Mr Mustafa of Robokart acted as Resource person in the programme.

The participating students are briefed by Mr Mustafa about the basic concepts of bridge design, analysis of members, materials used and their properties etc using a specially designed software. The participants are trained to make designs using the software. Later the participants are asked to fabricate a truss bridge model using Balsa wood. The model is tested by applying external loads. The model with less material and carrying higher external load is considered as the best model and prizes are awarded to the winners.

The programme is highly interactive and the students enjoyed throughout the sessions. They brought out their skills and creativity in developing the model. The entire exercise helped them to improve their technical skills through the needed practical exposure that was possible in the workshop.

Mr M. Satyanarayana acted as Faculty coordinator for this programme with the support from four student coordinators. Dr V. Ramakrishna, HOD of Civil Engineering acted as Convener while Mr B. Ramakrishna, Faculty advisor of IE (I) student chapter supported the team.

