

**BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt.,Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
NBA and NAAC Accredited, Certified by ISO 9001:2015, <http://www.lbrce.ac.in>  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**A.Y:2015-16**

Event : Faculty Development Programme  
Title of Event : Teaching Methodology for Classical Thermodynamics  
Date of the Event Organized : 23/11/2015- 28/11/2015  
Resource Persons : Shri G.R.K.Gupta,NITW, Warangal  
Dr.A.V.S.S.K.SGutpa, JNTUH, Hyderabad  
Dr.T.Srinivas, VIT, Vellore  
Dr.V.Ramachandra Raju, Vice-Chancellor, RGUKT.  
Venue : Department of Mechanical Engineering.  
No. of Participants : 80  
Faculty : Internal and External College Faculty Mechanical Members  
Students : PG scholars, Research scholars,

**Report on Event:**

Teaching methodologies for classical thermodynamics aim to teach different methodologies available to teach thermodynamics course.

Resource persons from NIT, VIT and JNTUK taught the course on how to improve the problem solving techniques in thermodynamics. Apart from this, faculty from various colleges and department faculty members given hands on training experience on MATLAB and problem solving skills.

Shri G.R.K.Gupta from NITW, Warangal taught basic fundamentals on laws of thermodynamics and its practical applications. A.V.S.S.K.S Gutpa, Professor from JNTUH, Hyderabad taught a lesson on second law of thermodynamics and its importance in practical perspective. T.Srinivas, Professor from VIT, Vellore discussed the Exergy analysis of power plant cycles. V.Ramachandra Raju, former Professor from JNTUK, and Vice-Chancellor from RGUKT discussed the basics on steam properties –Vapour power cycles.

Overall the feedback from various participants on this faculty development program gave satisfactory results.

