



**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 ELECTRONICS AND COMMUNICATION ENGINEERING**

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**Department of ECE in Association with AICTE conducted A two Day National workshop on "Atmosphere Weather Radars and GPS: Recent Developments and Future Challenges" from 21<sup>st</sup> - 22<sup>nd</sup> February 2014.**

**Major Topics addressed:**

- 1. Theory, Technique and practice of Atmospheric Radars**
- 2. Wind profilers and Applications**
- 3. GPS Radio Occultation's and Measurements: Basics and Applications**
- 4. Spectrum Estimation Techniques applies to MST Radar Signals.**

Total No.of Participants-60

1. The workshop has addressed Technical aspects of various Radars and satellites based communication/navigation to the basic research and applications in the field of meteorology and Atmospheric sciences.
2. Dr P.Srinivasulu, Scientist/Engineer-SG, NARL, ISRO elaborately discussed about different radars principles and techniques.
3. Dr T.Naryana Rao, Scientist/Engineer-SG, NARL, ISRO concentrated on importance of wind profilers for different applications.
4. Dr M.Venkat Ratnam, Scientist/Engineer-SE, NARL, ISRO discussed the GPS Radio occultation and its Applications.
5. Dr A.Subbarami Reddy, Principal, SKIT, Srikalahasti, showed how to estimate the Radar Spectrum from MST Radar Signals.

