



## DEPARTMENT OF MECHANICAL ENGINEERING

### Essential Skills for Mechanical Engineering Graduates to be Industry Ready

<b>Event Type</b>	: A guest lecture was organized by <b>ASME</b> student section
<b>Date/Duration</b>	: 01-02-2025/ 10:00 AM – 12:30 PM
<b>Name of the Event</b>	: Essential Skills for Mechanical Engineering Graduates to be Industry Ready
<b>Resource Persons</b>	: 1) Mirza Ahmed Beg, Coordinator –Sections & Program ASME Foundation India  2) Sunil Raju Chakrahari, Design Manager at MC3 Manufacturing Inc.
<b>Name of the Coordinator</b>	: Dr. S. Rami Reddy, Sr. Assistant Professor.
<b>Target Audience</b>	: B. Tech Third Year
<b>Total Number of students</b>	: 110

#### Objective of the Event

To Understand the Essential skills needed for every mechanical engineering graduate in industries are Technical Proficiency, Problem solving skills, Communication skills, Teamwork and collaboration and Industry specific knowledge. A solid understanding of core concepts such as Thermodynamics, Fluid mechanics and material science is crucial. And explained familiarity with CAD/CAM software like solidworks, catia, creo, NX, solid edge, AutoCAD, Ansys, HVAC, Fusion 360 etc. And explained the importance and having opportunities in Design Domain at industries.

#### Outcome of the Event

- Students were able to understand the essential skills need to grab the opportunities in present scenario and Developed a knowledge in Design Domain about numerous software.
- Students got doubts and clarified with the Resource person on various technical aspects.

## **Description of the Event**

A guest lecture was organized by **ASME** student section of **LBRCE** on “Essential Skills for Mechanical Engineering Graduates to be Industry Ready” held on 01-02-2025. The expert talk was delivered by resource person **Mr. Sunil Raju Chakrahari**, Design Manager at MC3 Manufacturing Inc. and **Mr. Mirza Ahmad Beg**, Intern-sections at ASME foundation India acted as chief guest by virtually for the launching ceremony for **American Society of Mechanical Engineers** Student section of **LBRCE** and taken oath from students and appointed the leading team for ASME student section of **LBRCE**.

The chief guest delivered the talk in a clear and easily understandable manner, covering an introduction to ASME and its benefits. And shown the student competitions conducted by ASME all over the world every year to showcase their innovations. The Resource person has delivered the talk in very efficiently and easy to understand manner to the participants. He has provided best content of design domain fundamentals to industry level applications and shown drawings with the help of ppts, video animations the students understand and motivated them. The resource persons made students to get awareness on the opportunities in the Design Domain at industries.

He emphasized on the strong technical knowledge required in students to grab the opportunities. The expert talk and doubt session was started at **10AM** and continued upto **12:30PM**. The attendees were very much satisfied by attending the expert talk.

## **Feedback / Suggestions:**

- The students demonstrated a solid understanding of the essential skills required to seize opportunities in the current scenario and developed valuable knowledge in the design domain, including proficiency with various software tools.
- The students actively engaged by raising doubts and seeking clarification from the resource person on various technical aspects, enhancing their understanding.
- Encouraging more of such interactive discussions can further deepen their technical knowledge.

## EVENT BANNER



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

(Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi,  
NAAC & NBA Accredited, & Certified by ISO 9001:2015)

L.B. Reddy Nagar, Mylavaram-521 230, Andhra Pradesh, INDIA.



Inauguration of  
**“ASME Student Section”**  
Technical Talk on  
**“Essential Skills for Mechanical Engineering  
Graduates to be Industry-Ready”**

by

**Sunil Raju Chakrahari**

Design Manager at MC3 Manufacturing Inc.,

Hyderabad, Telangana

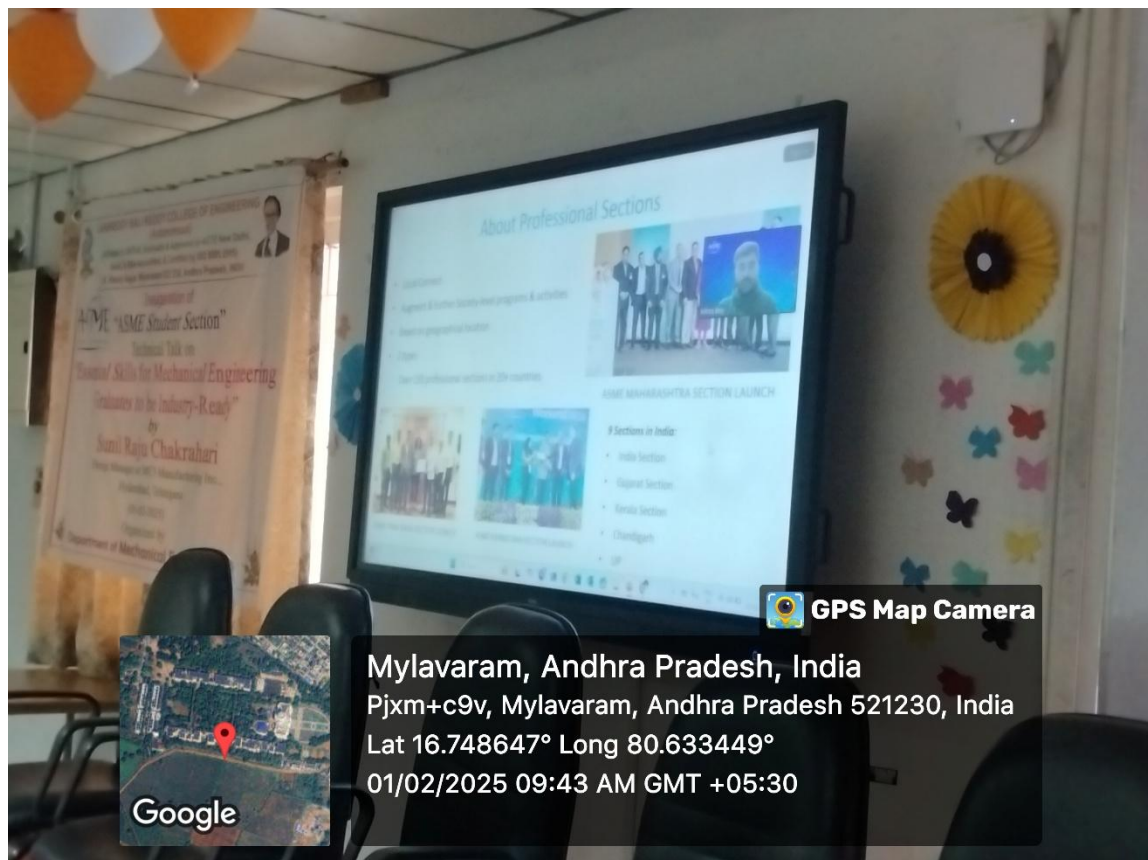
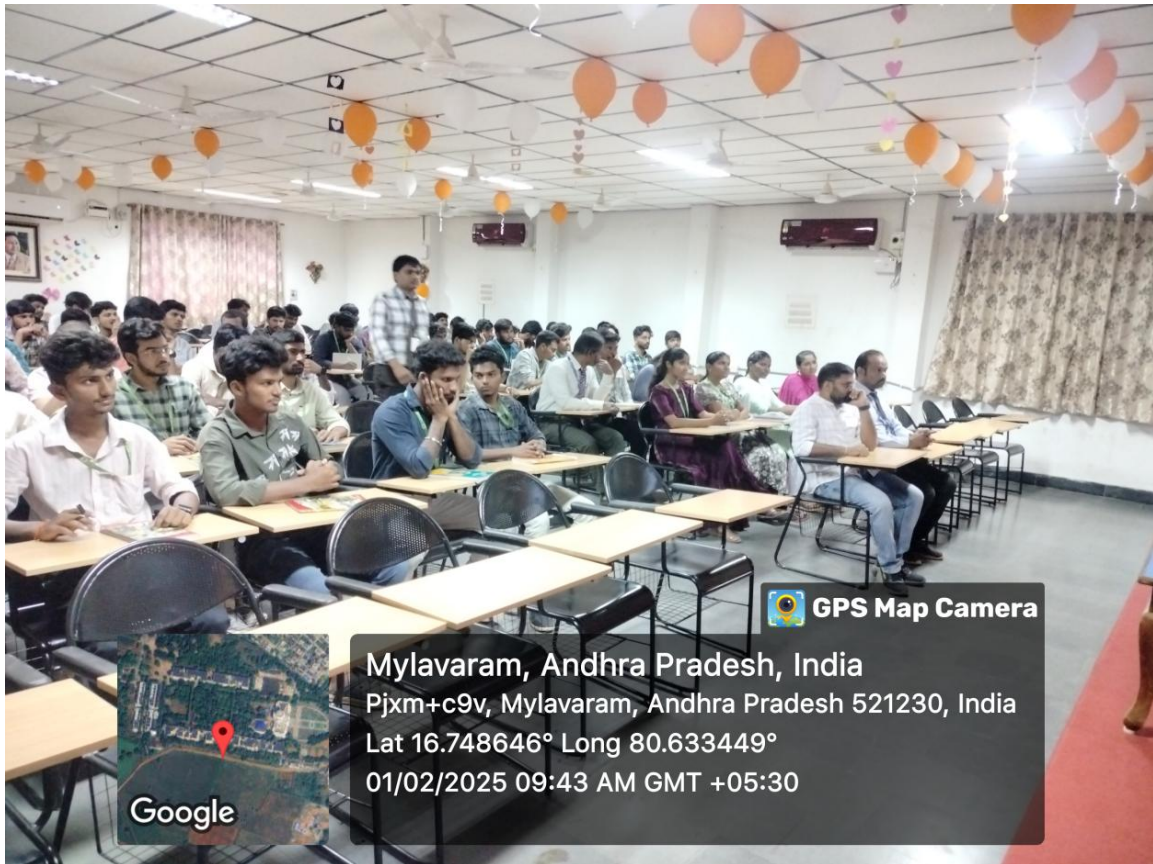
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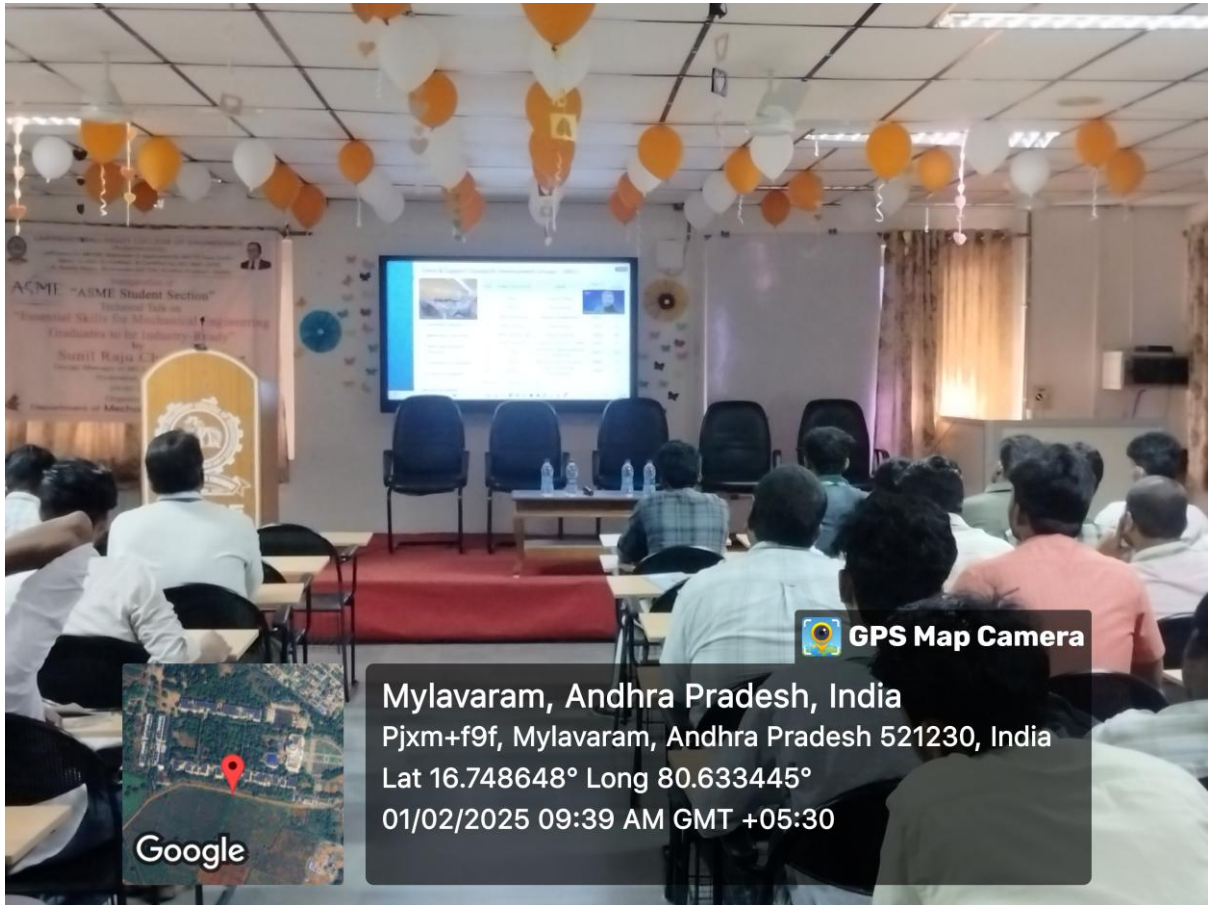
Department of **Mechanical Engineering**



## PHOTOGRAPHS







GPS Map Camera

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Pjxm+f9f, Mylavaram, Andhra Pradesh 521230, India  
Lat 16.748648° Long 80.633445°  
01/02/2025 09:39 AM GMT +05:30



Google



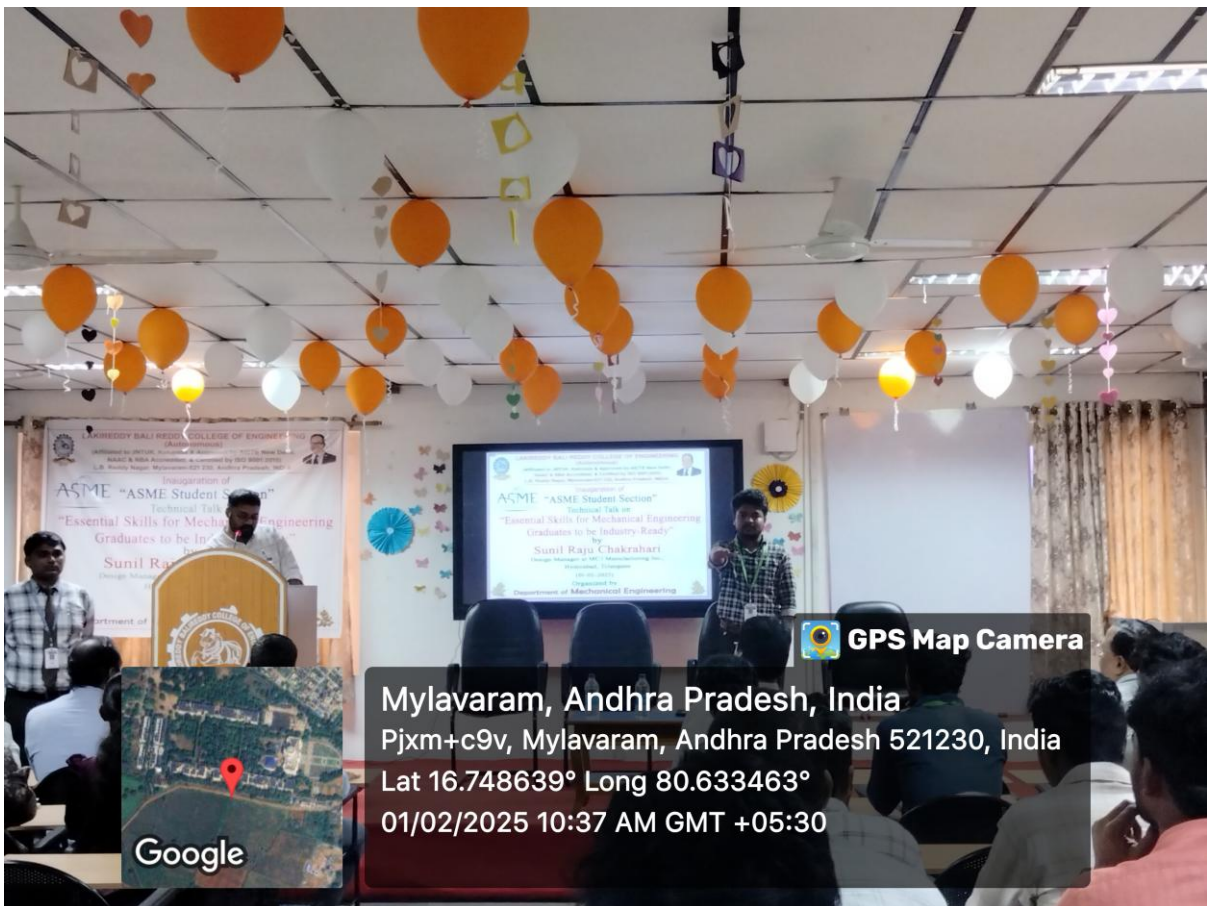
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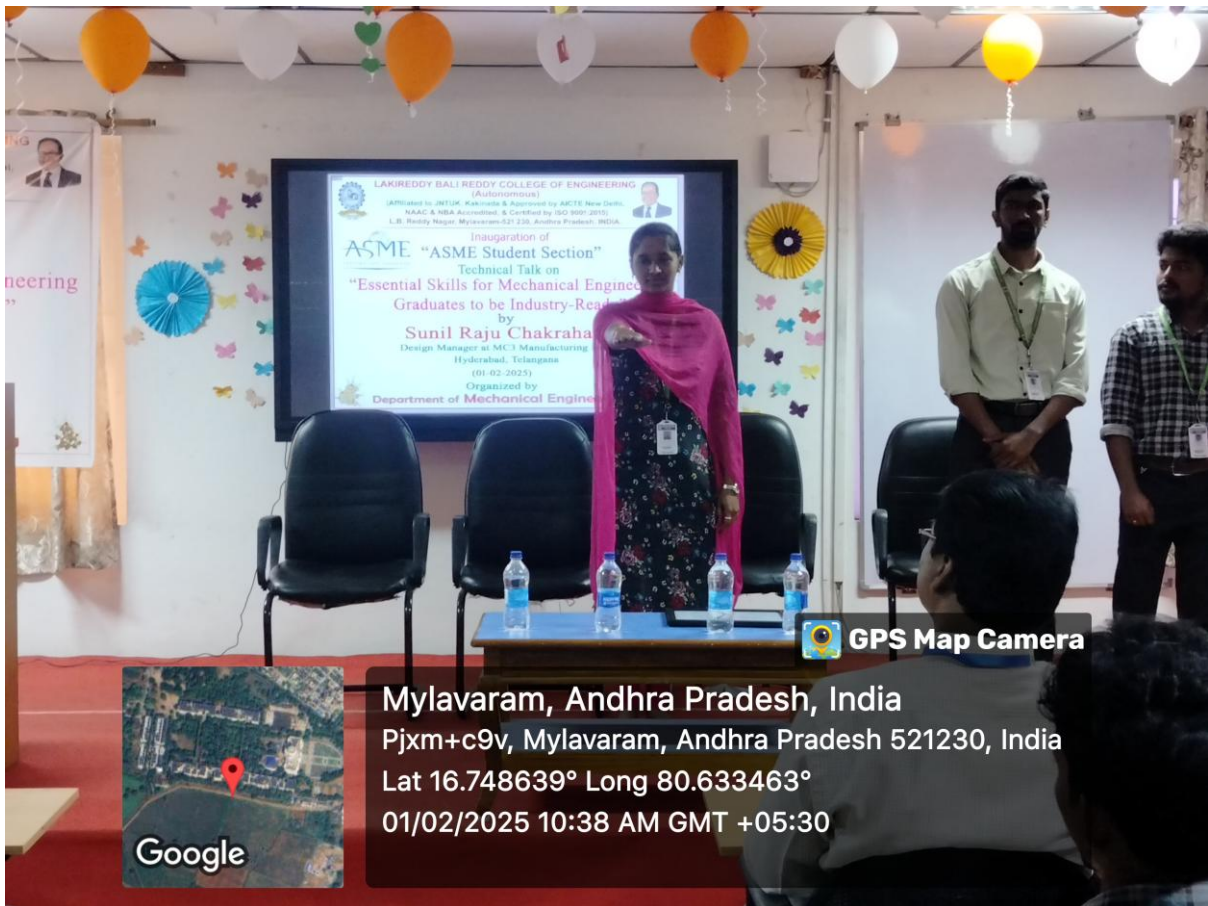


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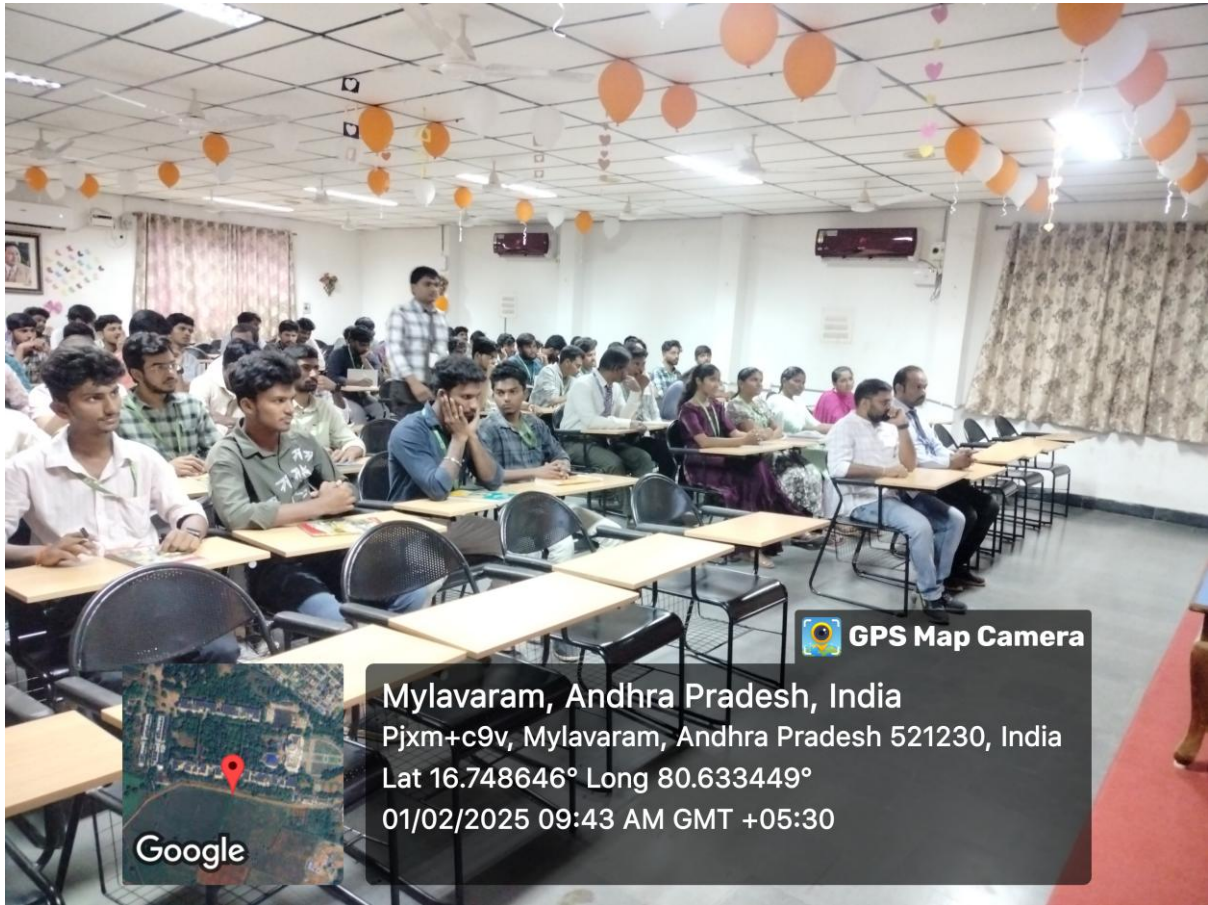






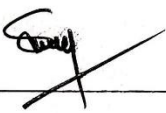
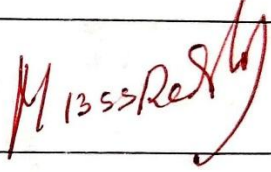










<b>Signature</b>		
	Dr. S. Rami Reddy	Dr.M.B.S.Sreevara Reddy
	Name of the coordinator	Head of the Department