About the Department:
The department of Aerospace Engineering at LBRCE, Mylavaram, was established in the year 2011, with an intake of 60 students. The department offers 4 years undergraduate program, B.Tech in Aerospace Engineering. The department has a team of highly qualified, dedicated, and motivated faculty. The department is Accredited by National Board of Accreditation (NBA) under Tier – I for the three academic years, 2023-24 to 2025-26.

Vision:
To achieve academic excellence and produce highly competent professionals in the field of Aerospace Engineering.

Mission:
1. To impart high quality education in Aerospace Technology through classroom teaching and laboratory practices.
2. To develop indigenous Aerospace Technology by carrying out research in collaboration with industry and research organizations.
3. To train and inspire the student community to possess effective communication and leadership skills with ethical values.
4. To harness the technological development by being consistently aware of societal needs and challenges.

About Head of the Department:
Dr. P. Lovaraju obtained his Ph.D from the Department of Aerospace Engineering, IIT Kanpur in the year 2008, M.E from Department of Aerospace Engineering, M.I.T Campus, Anna University, Chennai, in the year 2002. He has 15 years of teaching and 6 years of research experience. He has published 16 research articles in reputed international journals (AIAA, ASME, ASCE, Royal Aeronautical Journal, Springer etc.). His teaching interests are Fluid Mechanics, Thermodynamics, Gas Dynamics, Aerodynamics and Flight Dynamics. He is currently supervising four Ph.D students. He is the reviewer for several international journals.

Total number of Faculty in the Department: 11, Faculty with Doctoral Degree: 03

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name</th>
<th>Designation</th>
<th>Qualification</th>
<th>Specialization</th>
<th>Institute (Highest Degree)</th>
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<tbody>
<tr>
<td>1</td>
<td>Dr. P. Lovaraju</td>
<td>Professor &amp; HoD</td>
<td>M.E, Ph.D</td>
<td>Aerospace Engineering</td>
<td>IIT Kanpur</td>
</tr>
<tr>
<td>2</td>
<td>Dr. L. Prabhu</td>
<td>Associate Professor</td>
<td>M.E, Ph.D</td>
<td>Aeroelasticity</td>
<td>NIT Rourkela</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Ch. Sreenadh</td>
<td>Associate Professor</td>
<td>M.E, Ph.D</td>
<td>Aerospace Engineering</td>
<td>Polytechnic University of Madrid, Spain</td>
</tr>
<tr>
<td>4</td>
<td>Mr. S. Indrasena Reddy</td>
<td>Sr. Assistant Professor</td>
<td>M.Tech, (Ph.D)</td>
<td>Aerospace Engineering</td>
<td>IARE, JNTUH, Hyderabad</td>
</tr>
<tr>
<td>5</td>
<td>Mr. I. Dakshina Murthy</td>
<td>Sr. Assistant Professor</td>
<td>M. Tech, (Ph.D)</td>
<td>Thermal Engineering</td>
<td>JNTUK, Kakinada</td>
</tr>
<tr>
<td>6</td>
<td>Mr. Nazumuddin Shaik</td>
<td>Sr. Assistant Professor</td>
<td>M. Tech, (Ph.D)</td>
<td>Aerospace Engineering</td>
<td>AURORA, JNTUH, Hyderabad</td>
</tr>
<tr>
<td>7</td>
<td>Mr. Ashutosh Shukla</td>
<td>Assistant Professor</td>
<td>M.Tech</td>
<td>Aerospace Engineering</td>
<td>Hindustan University, Chennai</td>
</tr>
<tr>
<td>8</td>
<td>Mr. G.V. Surya Narayana</td>
<td>Assistant Professor</td>
<td>M.Tech</td>
<td>Machine Design</td>
<td>JNTUH, Hyderabad</td>
</tr>
<tr>
<td>9</td>
<td>Mr. George Philip</td>
<td>Assistant Professor</td>
<td>M.Tech</td>
<td>Aerodynamics</td>
<td>IIT Kanpur</td>
</tr>
<tr>
<td>10</td>
<td>Mrs. B. Udaya Lakshmi</td>
<td>Assistant Professor</td>
<td>M.Tech</td>
<td>Machine Design</td>
<td>JNTUK, Kakinada</td>
</tr>
<tr>
<td>11</td>
<td>Mr. A. Pratyush</td>
<td>Assistant Professor</td>
<td>M.Tech</td>
<td>Thermal Engineering</td>
<td>JNTUK, Kakinada</td>
</tr>
</tbody>
</table>
Program Specific Laboratories:

Aircraft Structures Lab:
- Beam Test Setup
- Composite Laminate Fabrication Unit

Unmanned Aerial Vehicle Systems Lab:
- Fixed Wing UAV
- Racing Drone
- Quadcopter
- Parachute Aerial Vehicle

Modelling & Analysis Lab:
- Aerodynamic Laboratory
- Propulsion Laboratory

3-D Printing Facility:
- Open Jet Facility
- Helo-Shake Apparatus
- Open Channel
- Low-speed Wind Tunnel
- Low-speed Cascade Tunnel
- Axial Flow Compressor
- Propellant Firing Test Stand
- Natural & Forced Convection Apparatus
- Burn Rate Velocity Measurement

Other Laboratories:
- Engineering Workshop
- Engineering Mechanics & Fuel Testing
- Thermal Engineering
- Strength of Materials
- Fluid Mechanics and Hydraulic Machines
- Manufacturing Technology
- Presentation Skills Lab

Credentials & Highlights of the Department

- Only Institute to offer Aerospace Engineering in Andhra Pradesh
- Qualified and Experienced Faculty with Degree from NIT & IIT and Foreign Universities
- Accredited by NBA under Tier - I
- ANSYS Skill Development Centre
- Good Number of Domain Based placements
- Research Grants from UGC
- Advanced Research Facilities
- Aeromodelling Club
- Skill Development Activities for Students on
  - AUTOCAD
  - ANSYS
  - CATIA
  - MATLAB
  - NDT
  - Aeromodelling
  - Phyton Programming
  - Internships in various organizations

Placement Details for A.Y.: 2022-2023

- Shaik Noushad V Dinesh V Surya Sainadh G Roshitha Shankar
  - Package: 4 LPA
- Sarina Jonnadula Dinesh Vujjuri
  - Package: 3.36 LPA
- KodNest
  - G S S V Bhdrinath
  - Package: 4 LPA
- G S S V Bhdrinath
  - Package: 3.5 LPA
- Cognine
  - M. Ajay Babu
  - Package: 4 LPA
- A Raghavendra
  - Package: 3.5 LPA
- Pennant
  - N. Likhith Kumar
  - Package: 3 LPA
Partial List of Companies where our Alumni are Working:

Partial List of Foreign Universities where our Students Pursuing/Pursued Higher Education

United States of America (USA)
- Purdue University
- Ohio University
- Kent State University
- University of North Texas
- University of Central Missouri
- Northumbria University
- University of Hertfordshire

United Kingdom (UK)
- University of South Wales
- Flinders University

Germany (Europe)
- Technische Hochschule DUISBURG-ESSEN
- Hochschule Kaiserslautern
- Technische Universität Kaiserslautern

Canada
- University of Applied Sciences

Australia
- Conestoga College

Partial List of Indian Universities where our Students Pursuing/Pursued Higher Education

Germany (Europe)
- Technische Hochschule DUISBURG-ESSEN
- Hochschule Kaiserslautern
- Technische Universität Kaiserslautern

Canada
- University of Applied Sciences

Australia
- Conestoga College

Department Credentials

Contact:
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HOD & Professor,
Department of Aerospace Engineering
Phone: +91-87900 85194,
Email: hodaero@ibrce.ac.in