LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi,
Accredited by NAAC , An ISO 9001:2015 Certified Institution
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna District, Andhra Pradesh, INDIA

Department of Aerospace Engineering

Website: http://lbrce.ac.in Email: hodaero@lbrce.ac.in Phone:08659-222933 Ext:513/515

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.

Vision:

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

Mission:

1. To impart high quality education in state of the art Aerospace Technology through class room teaching and laboratory practices.
2. To develop indigenous Aerospace Technology by carrying out cutting edge 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 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 14 years of teaching and 6 years of research experience. He has published 15 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: 08, Faculty with Doctoral Degree: 02

S.No	Name	Designation	Qualification	Specialization	Institute (Highest Degree)
1	Dr.P.Lovaraju	Professor & HoD	M.E, Ph.D	Aerospace Engineering	IIT Kanpur
2	Dr.L.Prabhu	Associate Professor	M.E, Ph.D	Aeroelasticity	NIT Rourkela
3	Dr.Sreenadh Chevula	Associate Professor	M.E, Ph.D	Aerodynamics	Polytechnic University of Madrid
4	Mr.S. IndraSena Reddy	Sr. Assistant Professor	M.Tech, (Ph.D)	Aerospace Engineering	IARE, JNTUH, Hyderabad
5	Mr.I. Dakshina Murthy	Sr. Assistant Professor	M. Tech,(Ph.D)	Thermal Engineering	JNTUK, Kakinada
6	Mr.Nazumuddin Shaik	Sr. Assistant Professor	M. Tech,(Ph.D)	Aerospace Engineering	AURORA, JNTUH, Hyderabad
7	Mr.Ashutosh Shukla	Assistant Professor	M.Tech	Aerospace Engineering	Hindustan University, Chennai
8	Mr.G.V.Surya Narayana	Assistant Professor	M.Tech	Machine Design	JNTUH, Hyderabad
9	Ms.M.Bhuvaneshwari	Assistant Professor	M.E	Avionics	MIT, Chennai
10	Mr.Gorge Phlip	Assistant Professor	M.Tech	Aerodynamics	IIT Knapur

Program Specific Laboratories:

Aerodynamics Laboratory:

Open Jet Facility

Low-speed Wind Tunnel

Hele-Shaw Apparatus

Open Channel

Propulsion Laboratory:

Propeller Test Rig

Low-speed Cascade Tunnel

Axial Flow Compressor

Propellant Processing Unit

Natural & Forced Convection Apparatus

Burn Rate Velocity Measurement

Aircraft Structures Lab:

Beam Test Setup

Composite Laminate Fabrication Unit

STATIC MODEL OF SUKHOI – 30, MK 1

Unmanned Aerial Vehicle Systems Lab:

Fixed Wing UAV

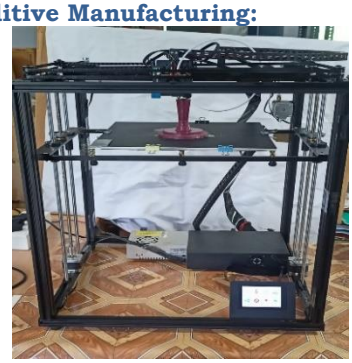
Racing Drone

Quadcopter

Parachute Aerial Vehicle

Modelling & Analysis Lab:

Additive Manufacturing:



Other Laboratories:

Engineering Workshop,
Thermal Engineering,
Strength of Materials,
Fluid Mechanics and Hydraulic Machines,
Manufacturing Technology,
Heat Transfer
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
- 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 (FEM & CFD)
  - ✓ CATIA
  - ✓ MATLAB
  - ✓ NDT
  - ✓ SIX SIGMA GREEN BELT
  - ✓ Control Line Aircraft
  - ✓ Phyton Programming
  - ✓ Internships in various organizations

Career Prospects for Aerospace Engineers

Top Recruiting Companies & Agencies

Public Sector:
ISRO, DRDO, DRDL, NAL, HAL, DGCA, ADA.

OEM's:
Airbus India, Boeing India, Lockheed Martin India, Mercedes Benz, Eaton, GE India etc

Private Sector:
Capgemini, CYIENT, TCS, INFOSYS WIPRO, UMLAUT, SIEMENS, Honeywell Aerospace, Altran India, Taneja Aerospace & Aviation Ltd., Godrej & Boyce Manufacturing Company, Mahindra Aerospace, GMR Aerospace etc.

Scope for Higher Education & Research

There are so many universities abroad who are giving scholarships to students for post graduate degree. If you want to make your career abroad, then aeronautical engineering is one of the highest-paid jobs abroad. You can get an initial package from 70000$ to 100000$.

Department Activities:

Placement Details for Academic Year 2021-22

Partial List of Companies where our Alumni are Working:

INDIAN NAVY
TATA
TATA CONSULTANCY SERVICES
CYIENT
wipro
Cognizant
Capgemini
CONSULTING.TECHNOLOGY.OUTSOURCING
GMR Aero Technic
HCL
GGS
ALTEN
Aeolus
SIEMENS
AeroTech INSPECTION NDT
SONOVISION AETOS
AIR INDIA
AERONAUTICAL DEVELOPMENT AGENCY ADA
DRDO DEFENCE R&D ORGANISATION MINISTRY OF DEFENCE
CAMP
DEP Detroit Engineered Products
TLE TECHNOLOGIES
VELJAN
Expeditors
ASTROMEDA
GKN AEROSPACE
ZIEGLER AEROSPACE
SAFRAN
IEMAN
umlaut
GE
Mercedes-Benz

Notable Alumni:

G.K.Chandramouli
(2011-2015 Batch)
Senior Consultant
Mercedes-Benz
Bengaluru, India

P.Chandra Shekar
(2011-2015 Batch)
Lieutenant Commander
STAFF PILOT (UAV)
PORBANDAR,
GUJARAT

K.Sridhathri
(2014-2018 Batch)
Aerospace Engineer
Safran Test Cells
Minnesota, USA

SEELAM TEJA
SWAROOP REDDY
(2015-2019 Batch)
Reliability Analyst
CommutAir dba
United Express
Indiana, USA

Mr. V. V. Ajeshwar
(2011-2015 Batch)
NDT Engineer,
GMR Aerotechnic Ltd,
RGI Airport,
Hyderabad,Telangana

M.Narasimha Rao
(2012-2016 Batch)
Stress Engineer at
Umlaut Company
Essen, North Rhine-
Westphalia, Germany

V.T.K.N.Sai Priya
(2012-2016 Batch)
Loads Engineer
GE Renewable Energy
Bengaluru

B.Manoj Kumar
(2014-2018 Batch)
Engineer
Alten India Pvt. Ltd.
Bengaluru

P.N.Ravi Teja
(2011-2015 Batch)
Embedded Controls
Engineer
LER TechForce
Columbus, USA

M.Poorna Sai Kiran
(2012-2016 Batch)
CSA Manager at VON
Canada
Canada.

G.Krishna Vijay Kumar
(2011-2015 Batch)
Assistant Manager
Newage Software &
Solutions,
Hyderabad, India

S.Edwin Harvey
(2015-2019 Batch)
Associate Engineer
Collins Aerospace
Bengaluru

I.Ramaiah
(2012-2016 Batch)
Senior Research Fellow
Aeronautical
Development Agency,
Bengaluru

M.Bhoopal Ranjith
(2013-2017 Batch)
Aerospace Technical
author/writer
Capgemini Bengaluru,
Karnataka, India

G.Anudeep Gupta
(2014-2018 Batch)
Assistant manger
Solar Industries India
Limited, Hyderabad

M.Siva Sai Ram
(2012-2016 Batch)
Software Engineer
Siemens India Ltd.
Pune, India

P.Sainadh
(2012-2016 Batch)
Design Engineer
Umlaut Company
Bengaluru

Mr.B.M.V.K.Reddy
(2015-2019 Batch)
Project Engineer
Wipro Limited
Bengaluru

Mr.T.Mohan Sai Teja
(2014-2018 Batch)
Business Development
and Sales Support
Kaltenbach Solutions
Freiburg, Germany

B.Sravya
(2014-2018 Batch)
Senior Engineer
Astromedha Space
Pte Ltd. Bangalore

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

- Pradue University, West Lafayette, Indiana, USA
- San Jose State University, San Jose, USA
- Treasure Coast Flight Training Institute, Florida, USA
- The Ohio State University, Columbus, Ohio, USA
- Embry Riddle Aeronautical University, Florida, USA
- Technische Hochschule Ingolstadt, Germany
- Duisburg Essen University, Duisburg, Germany
- Hochschule Kaiserslautern University of Applied Sciences, Germany
- Wiladu Institute of Technology, Wiladu, Germany
- Confederation College, Thunder Bay, Canada
- Ryerson University, Toronto, Canada
- Deakin University, Melbourne, Australia
- Northumbria University, Newcastle, UK

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

- Indian Institute of Technology Kanpur, UP
- Indian Institute of Technology Kharagpur, WB
- Indian Institute of Technology Bombay, MH
- Indian Institute of Technology Madras, Chennai, TN
- Madras Institute of Technology, Chennai, TN
- Jain University, Bangalore, KA

Contact:
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