



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade & NBA (CSE, IT, ECE, EEE and ME Under Tier - I)

An ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, NTR DIST., A.P.-521 230.

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FACULTY PROFILE



Name : **Dr. P. LOVARAJU**

Designation : Professor and HOD

Department : Aerospace Engineering

Areas of Research : Experimental Gas Dynamics, Jet control techniques, Flow visualization studies for low-speed and high-speed flows, Internal flow studies and sudden expanded flows, Jet flow studies for both academic and industrial interests

Wind tunnel studies

Email ID : lovaraju_p@lbrce.ac.in

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Phone Number : +91 8790085194

Academic Qualifications:

- **Doctor of Philosophy (Ph.D)**, Department of Aerospace Engineering, Indian Institute of Technology Kanpur (December 2002-2008).
- **Master of Engineering (M.E)**, Department of Aeronautical Engineering, Madras Institute of Technology, Anna University, Chennai (July 2001-December 2002)
- **A.M.I.E** specialized in Mechanical Engineering, (Summer 1998-Winter 2000), Institution of Engineers (India).
- **Diploma** in Automobile Engineering (D.A.E), (1993-1996), VKR and VNB Polytechnic Gudivada, Andhra Pradesh, India.

Professional Experience: 15+ Years

| Designation | From | To | Organization |
|---------------------|------------------------------------|---------------------|---|
| Head | Dec, 2020 | Till Date | Department of Aerospace Engineering , Lakireddy Balireddy College of Engineering, Mylavaram |
| Dean Academics | Oct' 2019 | Dec, 2020 | Lakireddy Balireddy College of Engineering, Mylavaram |
| Head | May, 2012 | Oct' 2019 | Department of Aerospace Engineering , Lakireddy Balireddy College of Engineering, Mylavaram |
| Head | Dec, 2010 | May, 2012 | Department of Mechanical Engineering, Lakireddy Balireddy College of Engineering, Mylavaram |
| Professor | Sept, 2009 | Dec, 2010 | Department of Mechanical Engineering, Lakireddy Balireddy College of Engineering, Mylavaram |
| Professor | November 2008 | September, 2009. | Department of Mechanical Engineering, Koneru Lakshmaih College of Engineering (KLCE) |
| Assistant Professor | 12 th November, 2007 | November 2008 | Department of Mechanical Engineering, Koneru Lakshmaih College of Engineering (KLCE) |

Subjects Handled:

- Fluid Mechanics
- Thermodynamics
- Thermal Engineering
- Elements of Aerospace Engineering
- Aerodynamics
- Gas Dynamics
- Flight Dynamics
- Mechanical Measurements
- Instrumentation, Measurements and Experiments in Fluids
- Computational Fluid Dynamics

Publications

Research Profile:

| Journals | Conferences | Books / Chapters | Patents (Granted / Published) | Projects / Grants Received |
|----------|-------------|------------------|----------------------------------|-------------------------------|
| 14 | 15 | - | - | - |

➤ Publications Verification Links

| S. No. | Profile | Link |
|--------|---------|------|
|--------|---------|------|

| | | |
|----|----------------|---|
| 1. | Google Scholar | https://scholar.google.com/citations?hl=en&user=8_FdM38AAAAJ |
| 2. | Scopus | https://www.scopus.com/authid/detail.uri?authorId=15071126600 |
| 3. | Vidwan | https://vidwan.inflibnet.ac.in/profile/381137 |
| 4. | ORCID | https://orcid.org/0000-0001-7440-9165 View this author's ORCID profile |
| 5. | Research Gate | https://www.researchgate.net/profile/Lovaraju-Pinnam |

➤ **Supervision / Guidance:**

| Category | Number of Students / Scholars | | |
|----------|-------------------------------|-------------|-----------------|
| Ph. D. | Status | Total Count | University |
| | Awarded | 1 | JNTUK, Kakinada |
| | Pursuing | 4 | JNTUK, Kakinada |
| M.Tech | 06 | | |
| B.Tech | 60 | | |

Professional Activities:

| Category | Details | |
|--|---|---------------|
| No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.) | 20 | |
| No. of FDPs, Workshops, Webinars, etc. Attended | 25+ | |
| Certifications Completed | NPTEL | |
| | Online Certifications | 10 |
| Professional Body Memberships | Name | Membership ID |
| | Institution of Engineers India | Member |
| Program Committee / Reviewer | <ul style="list-style-type: none"> ➤ BOS Member for Aeronautical Engineering, JNTUK Kakinada. ➤ Acted as a Project Viva-voce Examiner ➤ Taught a course for the M.Tech, Avionics students of JNTUK, Kakinada ➤ Delivered number of Guest Lectures ➤ Acted as a Resource Person for number of Faculty Development Programs. | |

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|--|--|
| | <ul style="list-style-type: none">➤ Reviewer for International Journal of Aerospace Engineering, ImechE Part-G, London➤ Reviewer for International Journal of Thermal Science, Society of Thermal Engineers, Serbia➤ Reviewer for International Journal of Turbo & Jet-Engines, Degruyter Publications.➤ Convener Lakshya 2K15➤ Convener World Space Week (WSW-2019) organized in collaboration with SDSC-SHAR, ISRO |
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Achievements and Awards:

- Adjudged as the best teacher for every academic years
- Winner (with prize Money of Rs. 1,00,000/-) in the Education Track for presenting a paper “Effect of Eccentricity on the Thermal Behaviour of a Re-Entry Vehicle with Concave Windward Surface” in Hexagon MSC Virtual User Conference 2020
- Cash awards for papers published in AIAA Journal and Journal of Aerospace Engineering (ASCE)

Sd/-

(Dr. P. Lovaraju)