



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

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FACULTY PROFILE



Name : **Dr. SREENADH CHEVULA**

Designation : **Associate Professor**

Department : **Aerospace Engineering**

Areas of Research : Space-based instrumentation data analysis, Aerodynamics (experimental, in both steady and unsteady), flight dynamics, spacecraft constellation, implementation of CFD models, fluid structure interactions, design optimization of aerodynamic and aerospace systems, thermal modelling, flow measurement techniques, research commercialization, Image processing, and Satellite data validation

Email ID : Sreenadh@Lbrce.ac.in,
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Phone Number : +91 8978134834, 8367608134

Academic Qualifications:

- **Ph. D. in Aerospace Engineering**
 - Universidad Politécnica de Madrid, Spain in 2015
- **M.E in Aeronautical Engineering**
 - Anna University, Coimbatore in 2010.
- **B. Tech in Aeronautical Engineering**
 - J.R.N Rajasthan Vidya Peeth University, Udaipur, India in 2008
- **Bachelor of Computer Applications**
 - Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya, Bhopal, India. in 2003

Professional Experience: 12+ Years

Designation	From	To	Organization
Associate Professor	10-2022	Till Date	Lakireddy Bali Reddy College of Engineering (A), Mylavaram
Associate Professor	12-2019	06-2022	GITAM (Deemed to be)University), Hyderabad, India
Associate Professor	01-2017	11- 2019	Malla Reddy College Of Engineering & Technology, Hyderabad, India
Research fellow	01-2012	07-2016	Instituto de Microgravedad Ignacio Da Riva , ETSI Aeronáuticos, Universidad Politécnica de Madrid.
Researcher	9-2010	11-2011	Biomedical Image Technologies (BIT), Dept. Ingeniería Electrónica, Universidad Politécnica de Madrid.
Research Assistant	4-2009	8-2010	Park Research cell, Park college of Engineering and Technology, Coimbatore, India

Subjects Handled:

Academic Year	ODD Semester/s	EVEN Semester/s
2022 - 23	Computational fluid dynamics	Introduction to Computational fluid dynamics
2021 - 22	Space Mechanics Analysis of Aerospace Structures	Aircraft Propulsion techniques (Gas turbine engines) Aerodynamics of flight vehicles (Post graduates) Introduction to Aerospace Engineering. (undergraduate
2020 - 21	Introduction to space technology (undergraduate). Aerodynamics of flight vehicles (Post graduates)	Launch vehicle and missile technology (undergraduate). Research methodology (Post graduates)

Research Profile:

➤ Publications

Journals	Conferences	Books / Chapters	Patents (Granted / Published)	Projects / Grants Received
12	2	01	00	1 Grant of Rs 500000

➤ Publications Verification Links

S. No.	Profile	Link
1.	Google Scholar	https://scholar.google.es/citations?user=irWUy7sAAAAJ&hl=en
2.	Scopus	https://www.scopus.com/authid/detail.uri?authorId=56548853000

3.	Vidwan	https://vidwan.inflibnet.ac.in/profile/202132
4.	ORCID	https://orcid.org/0000-0001-9281-7736
5.	Research Gate	https://www.researchgate.net/profile/Sreenadh-Chevula
6.	Publons	https://www.webofscience.com/wos/author/record/2199881

➤ **Supervision / Guidance:**

Category	Number of Students / Scholars		
	Status	Total Count	University
Ph. D.	Awarded	---	---
	Pursuing	---	---
M.Tech	04		
B.Tech	20		

Professional Activities:

Category	Details	
No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.)	3	
No. of FDPs, Workshops, Webinars, etc. Attended	15+	
Certifications Completed	NPTEL	0
	Online Certifications	8
	Global Certifications	5
Professional Body Memberships	Name	Membership ID
	IEEE	
	Space Generation Advisory Council (SGAC), USA	
	Editorial review board member in the World Academy of Science, Engineering	
	Member of Aeronautical Society of India (AeSI)	

Achievements and Awards:

2017-2018	10th Position in the all over India Scientific Hackathon conducted by ISRO.
2014-2015	Ph.D. thesis has been awarded with distinction.
2010-2016	Research grant from Administracion de Infraestructuras Ferroviarias, Spain.
2010-2014	Erasmus Mundus External Cooperation Window India4eu Ph.D. scholarship.
2009-2010	First prize for the Research project on the propulsion systems from the Department of Aerospace, Indian Institute of Technology Kanpur, India.
2009-2010	Best faculty award of 2009, by Park College of engineering and technology.

Administrative Roles:

- **Department Research & Development coordinator**
- **Student Soft Skills coordinator,**
- **Department Incubation Center coordinator**

Sd/-

(Dr. Sreenadh Chevula)