



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 : Nazumuddin Shaik

Designation : Senior Assistant Professor

Department : Aerospace Engineering

Areas of Research : Composite Materials, Aircraft Structures,
Solid Rocket Motor, Solid Propellants & CFD

Email ID : nazumuddin@lbrce.ac.in

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Phone Number : +91 7842630713

Academic Qualifications:

- **Pursuing Ph. D. in Mechanical Engineering**
 - Sri Venkateswara University, Tirupathi. A.P. registered in 2022.
- **M.Tech in Aerospace Engineering**
 - Jawaharlal Nehru Technological University Hyderabad, Hyderabad in 2014.
- **B. Tech in Aeronautical Engineering**
 - Jawaharlal Nehru Technological University Kakinada, Kakinada in 2012.

Professional Experience: 07+ Years

Designation	From	To	Organization
Senior Assistant Professor	June 2022	Till Date	Lakireddy Bali Reddy College of Engineering (A), Mylavaram
Assistant Professor	June 2015	May 2022	Lakireddy Bali Reddy College of Engineering (A), Mylavaram

Subjects Handled:

Academic Year	ODD Semester/s	EVEN Semester/s
2022 - 23	Aircraft Structures-II, Propulsion-I Aircraft Structures Lab & Aircraft Component Modeling and Analysis Lab	Aero Engine Repair and Maintenance & Aircraft Component Modeling and Analysis Lab
2021 - 22	Propulsion-I & Aircraft Component Modeling and Analysis Lab	Aircraft Structures-II, Aero Engine Repair and Maintenance & Aircraft Structures Lab
2020 - 21	CAD/CAM & Airport Design	Aircraft Structures-II, Mini Project & Aircraft Structures Lab

Research Profile:➤ **Publications**

Journals	Conferences	Books / Chapters	Patents (Granted / Published)	Projects / Grants Received
02	01	--	--	--

➤ **Publications Verification Links**

S. No.	Profile	Link
1.	Google Scholar	https://scholar.google.com/citations?hl=en&user=iFTVR50AAAAJ
2.	Scopus	--
3.	Vidwan	https://vidwan.inflibnet.ac.in/profile/216668
4.	ORCID	https://orcid.org/my-orcid?orcid=0000-0001-5632-4942
5.	Research Gate	https://www.researchgate.net/profile/Nazumuddin-Shaik
6.	Publons	---

➤ **Project Supervision / Guidance:**

Category	Number of Students / Scholars
B. Tech	20

Professional Activities:

Category	Details	
No. of FDPs, Workshops, Webinars, etc. Organized (Coordinator, Convener, etc.)	05	
No. of FDPs, Workshops, Webinars, etc. Attended	25+	
Certifications Completed	NPTEL	08
	Online Certifications	02
	Global Certifications	11
Professional Body Memberships	Name	Membership ID
	Indian Society for Technical Education (ISTE)	127198

Achievements and Awards:

- Awarded University Gold Medal for having secured first among the students of B. Tech Aeronautical Engineering -June 2013.
- Achieved 14th Rank in the PGECET-2012 examination for admission to Postgraduate courses in Andhra Pradesh.
- Topper of the Jawaharlal Nehru Technological University Kakinada in the Department of Aeronautical Engineering, for the academic year 2008-2012.

Faculty Development Programs:

- FDP on Digital Engineering in Aerospace organized by APSSDC.
- FDP on Robotics organized by ATAL Academy.
- Webinar on Joining of Tubes Using Solid State Welding organized by COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY, Coimbatore.
- FDP on VIRTUAL TEACHING - Learning MOODLE the Efficient way organized by Dr M.G.R EDUCATIONAL AND RESEARCH INSTITUTE, Chennai.
- Webinar on Manufacturing Process and ESPRIT CAD/CAM Software Organized by Department of M E, R. N. G. Patel Institute of Technology, Bardoli.
- Webinar on Human Spaceflight and Mission Control Organized by NASA, USA.

- Webinar on PROJECT MANAGEMENT Webinar 2.0 - Feasibility Study in Project Management-A Case Study Organized by LBRCE, Mylavaram.
- Webinar on Information Communication Technology (ICT) Organized by MIT ARTS, Commerce & Science College, Pune.
- Webinar on Industry's expectations from students Organized by Rajdeep Info Techno Pvt. Ltd, Pune.
- FDP on Outcome based Education Software Organized by Vmedulife Software Services.
- Webinar on 3D Printing- A game changer in the manufacturing Sector Organized by Dr Subhash Technical Campus, Junagadh.
- Webinar on Webinar on Virtual Classroom Management using Microsoft Teams Organized by Department of CSE, LBRCE, Mylavaram.
- Webinar on Web-based Training on Virtual Classroom Organized by KPR Institute & Technology, Coimbatore.
- Webinar on Enhancing Research Effectiveness using Scopus, Science Direct and Mendeley Organized by KURUKSHETRA UNIVERSITY, KURUKSHETRA.
- Hands-on Session using Dassault Systems "3D EXPERIENCE PLATFORM" from 12th to 16th November 2018 organized by Departments of Mechanical and Aerospace Engineering, Lakireddy Bali Reddy College of Engineering (LBRCE), Mylavaram, Krishna District, Andhra Pradesh, India.
- Moodle as ICT Tool for Teaching and Learning Process, from 1st to 3rd November 2018 organized by Departments of CSE and EEE, LBRCE.
- Technology Enhanced Learning (TEL) from 10th to 11th June 2019 organized by Internal Quality Assurance Cell (IQAC), LBRCE.
- Advanced course on ANSYS CFD from 7th to 11th August 2017 organized by Departments of MECH and ASE, LBRCE.
- Fundamentals of Structural Analysis from 7th to 9th November 2016 organized by the Department of Civil Engineering, LBRCE.
- Theoretical and Computational Fluid Dynamics from 23rd to 27th November 2015 organized by the Department of Applied Mechanics & Mechanical Engineering, IIT Madras.

Workshops And Seminars:

- Workshop on Online Workshop on Intellectual Property Rights-Think Patents Organized by Intellectual Property Rights.
- 3-Day Workshop on Finite Element Analysis and CFD using ANSYS from 8th to 10th December-2016 organized by Departments of MECH and ASE, LBRCE.
- Seminar on MATLAB on 5th February-2016 organized by Math Works, Vijayawada, Andhra Pradesh, India.

Courses And Certificates:

- Course completed on CAM and Design Manufacturing for Mechanical Engineers with Autodesk Fusion 360 organized by Coursera.
- Course completed on Simulation Analysis for Mechanical Engineers with Autodesk Fusion 360 organized by Coursera.
- Course completed on Modelling and Design for Mechanical Engineers with Autodesk Fusion 360 organized by Coursera.

- Course completed on Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360 organized by Coursera.
- Course completed on Manufacturing Process with Autodesk Fusion 360 organized by Coursera.
- Course completed on Engineering Design Process with Autodesk Fusion 360 organized by Coursera.
- Course completed on Advanced AutoCAD 2021: Parametric Drawing organized by Udemy.
- Course completed on 3D Model Creation with Autodesk Fusion 360 organized by Coursera.
- Course completed on Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Preparation organized by Coursera.
- Course completed on Intro to Digital Manufacturing with Autodesk Fusion 360 organized by Coursera.
- Course completed on Autodesk Fusion 360 Integrated CAD/ CAM/CAE organized by Coursera.
- Course completed on Programming for Everybody (Getting Started with Python) organized by Coursera.
- Qualified in Introduction to Aerospace Engineering-Flight conducted by NPTEL.
- Certified Learn Moodle 3.7 Basics-MOOC run by Moodle HQ.
- Qualified in Introduction to Airplane Performance conducted by NPTEL.
- Qualified in Outcome based pedagogic principles for effective teaching course conducted by NPTEL.
- Qualified in Effective Engineering Teaching in Practice course conducted by NPTEL.
- Certified as a Professional in CATIA V5 and ANSYS 12 from the Central Institute of Tool Design (CITD), Vijayawada.

Sd/-

(Nazumuddin Shaik)