

Lakshmi Bhaskarla



Designation : Asst. Professor
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Contact at : Department of Computer Applications,
Siddhartha Academy of Higher Education (Deemed to be
University), Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph.D. (Computer Science)

Pursuing at Rayalaseema University, Kurnool and Submitted Thesis in 2024

M. Tech (Computer Science and Engineering)

2015, Jawaharlal Nehru Technological University, Kakinada

MCA (Master of Computer Applications)

2002, Acharya Nagarjuna University, Guntur

Experience

Period	Designation	Institution/ Organization	Key Responsibilities
2006 – Till date	Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University)	Admissions, NAAC Coordinator, NPTEL Coordinator, Alumni, Cultural, Laboratory, Student Innovations/Models/Awards, NAAC Criteria - 5, Higher Education (LORs/ GRE/ TOEFL/Admission Letters)

Research Interests

Broad Area of Research:

- Database Security
- Data Mining

Honors and Awards

- Best Paper Award – Monitoring of Web-Based Maintenance in Shop Floor using AIML, presented at International Conference on Embracing the Digital Horizon: Pioneering Commerce and Management Strategies for a Transformative Future (EDH 2024).
- Recognised as top 2% in Introduction to Internet of Things by NPTEL, (Funded by MoE), Govt. of India. (R. No: NPTEL24CS35S669901789)
- Recognised as top 5% in DBMS by NPTEL,MHRD, Govt. of India.(R.No: NPTEL19CS12S42260735)
- Received 3 Top Performing Mentor Certificates in NPTEL for the years 2024 and 2025.
- Topper in M.Tech (CSE) with 89% of marks.
- OCA 9i PL/SQL developer – Oracle Certified Associate with 98%.
- Ratified by ANU and JNTUK Kakinada.
- Recognised as a valued reviewer by IJERT. (Reg No. IJERTREW2762).

Courses Taught

S. No.	Course Name	Level (UG/PG)
1	Problem Solving Using Python	UG & PG
2	Operating Systems	UG & PG
3	Programming in C	UG & PG
4	Problem Solving Methods	UG
5	Database Management Systems	PG
6	Computer Networks	PG
7	Advanced Database Technology	PG
8	Software Testing Methodologies	PG
9	Information Technology Fundamentals	PG
10	Database Administration	PG
11	Advanced Database Management Systems	PG
12	Principles of Programming Languages	PG
13	Introduction to Computing	PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?hl=en&authuser=1&user=xFKJ8swAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57647127100
ORCID	https://orcid.org/0000-0001-5654-470X
Research Gate	https://www.researchgate.net/profile/Lakshmi-Bhaskarla
LinkedIn	https://in.linkedin.com/in/lakshmi-bhaskarla-56a5211b0

Recognized Research Supervisor

S. No.	Department	University

Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration

Administrative Roles

S. No.	Role	Institution	Duration	Responsibilities
1	Admissions for B.Sc.	Siddhartha Academy of Higher Education (Deemed to be University)	25-26	Making calls, Reviewing and Processing Applications, Communication and Decision Making

Certifications/MOOC Courses Completed

S. No.	Title	Platform	Duration	Year
1.	Programming in C++	NPTEL	8 Weeks	2017
2	Problem Solving through Programming in C	NPTEL	12 Weeks	2018
3	Database Management System	NPTEL	8 Weeks	2019
4	Operating System	NPTEL	12 Weeks	2020
5	Data Analytics with Python	NPTEL	12 Weeks	2022
6	Software Testing	NPTEL	4 Weeks	2023
7	Introduction to Internet of Things	NPTEL	12 Weeks	2024
8	Programming in Java	NPTEL	12 Weeks	2025
9	AWS Cloud Practitioner	Amazon	3 years validity (Global Certification)	2025

Consultancy / Industry Projects

Completed	
On-going	
Applied	

Patents

S. No.	Title	Status	Application No.	Year
1	Methodology for the Detection of Bone Fracture in Humans Using Neural Network	Granted	2021101325	2021
2	Machine Learning and IoT based device to detect the Stress/happiness of Lecturers in Working Environment like institutions, colleges, University etc.	Published	202341016738 A	2023
3	An IOT-Based System and Method for Estimating Lung Cancer Probability.	Published	202341043606	2023
4	Sign Translation Using Opencv	Published	202441094641	2024

Patents

S. No.	Title	Status	Application No.	Year
5	IOT Based Neuro-Feedback Wearable	Granted	443272-001	2025
6	Machine Learning and IoT-Based Smart Crop Monitoring and Disease Detection System	Published	202541018173	2025

Book Chapters

S. No.	Title of Book Chapter	Publisher	Year	Status
1	Fuzzy Expert System to Diagnose the Heart Disease Risk Level	Scrivener Publishing	2025	Scopus Indexed
2	Developing a Soft Computing Fuzzy Interface System for Peptic Ulcer Diagnosis	Scrivener Publishing	2025	Scopus Indexed

Ph. D.

Awarded	
Guiding	

Invited Talks

No. of Invited Talks	02
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Professional Service / Reviewer

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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	37
International / National Level Seminars	00/01
International / National Level Conferences	12/02
Workshops	10
Instructor Led / Self-Paced Courses	----
Webinars	09

Professional Bodies Membership Details

S. No.	Membership No.	Society Name
1	LM114100	Indian Society for Technical Education (ISTE)

(B. Lakshmi)