

Dr. KL Sailaja



Designation : Associate Professor
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Contact at : Department of Computer Science and Engineering,
 Siddhartha Academy of Higher Education,
 Deemed to be University, Kanuru, Vijayawada, Andhra
 Pradesh 520007.

Education

Ph. D (Computer Science and Engineering)

2020, Andhra University, Vishakapatnam

M.Tech (Computer Science and Engineering)

2009, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Computer Science and Engineering)

2004, Nagarjuna University, Guntur

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2025-Till Date	Associate Professor	Siddhartha Academy of Higher Education	Professor Incharge: <ul style="list-style-type: none"> SU24 & VR23 Curriculum Review Committee Student Events/ Hackathons. Member <ul style="list-style-type: none"> NAAC – Criteria -3 NBA – Criteria 3 Non-Statutory Committees – Equal opportunities Cell College /House Journal/Annual Report (CSE). Research Group Coordinator
2024-2025	Sr. Assistant Professor	Siddhartha Academy of Higher Education	
2005- 2024	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	

Research Interests

Broad Area of Research:

Image Processing and Computer Vision, Remote sensing

Honors and Awards

- Ratified as Assistant Professor by USSC (University Staff Selection Commission) of UGC: This recognition, granted in 2005 by ANU and in 2012 by JNTUK.
- Recognition - AP state Disasters Response & Fire Services
- Sashakt Naari, Samriddha Bharat Samman Award

Courses Taught

S.No	Course Name	Level (UG/PG)
1.	Digital Logic Design	UG
2.	Computer Organization & Architecture	UG
3.	Microprocessor Interfacing	UG
4.	Operating Systems	UG
5.	Computer Networks	UG
6.	Software Testing Methodologies	UG
7.	Computer Graphics	UG
8.	Data Communications	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?user=inM9LM8AAAAJ&hl=en
Scopus	https://www.scopus.com/authid/detail.uri?authorId=55579057700
ORCID	https://orcid.org/0000-0001-9347-9142
Publons	https://publons.com/researcher/3698653/k-l-sailaja/
Research Gate	https://www.researchgate.net/profile/Kl_Sailaja
LinkedIn	https://in.linkedin.com/in/sailaja-karri-a1289a1ab

Recognized Research Supervisor

S.No.	Department	University
01.	Computer Science and Engineering	Siddhartha Academy of Higher Education

Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
1.	Funded	Development of Edge Computing Framework for Multi-Object detection using Deep-learning Techniques.	On-going	ADRIN, ISRO	Rs.29 Lakhs	2023-25
2.	Funded	Deep Multi Model 3d Object Detection And Semantic Segmentation For Autonomous Driving	Applied	ANRF GoI	Rs.79 Lakhs	2025
3.	Seed Grant	Estimation analysis of Landslide occurrence by combing geological and atmospherically study using UNET model.	Completed	Siddhartha Academy of General & Technical Education	Rs.1.5 Lakhs	2022-23

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Universal Human Values	AICTE	4 Weeks	2022
2.	Computer Vision	Coursera	6 Weeks	2021
3.	AI for Everyone	Coursera	6 Weeks	2020
4.	Effective Engineering Teaching in Practice	NPTEL	12 Weeks	2019
5.	Outcome Based Pedagogic Principles for Effective Teaching	NPTEL	12 Weeks	2018

Ph.D

Guiding	01
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Professional Service / Reviewer

- Program Committee Member and Reviewer – International Conference on Computer Vision and Robotics 24th -25th February 2023 (Scopus)
- Program Committee Member and Reviewer – IEEE World Conference on Applied Intelligence and Computing – Soft Computing Research Society 17th -19th June 2022 (Scopus)
- SUSCOM-2019 International Conference on Sustainable Computing in Science, Technology and Management (ESCI , Scopus)
- 3rd International Conference on Computational Intelligence & Data Engineering (ICCIDE – 2020), Vasavi College of Engineering, Hyderabad, 8th -9th August, 2020. (Scopus)
- International Conference on Data Analytics, Intelligent Systems and Information Security (ICDIIS '20), Dr.Mahalingam College of Engineering and Technology (MCET), Tamilnadu December October 11-12, 2020. (Scopus)

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	13
International / National Level Seminars	06 / 02
International / National Level Conferences	12 / 02
Workshops	10
Instructor Led / Self-Paced Courses	10
Webinars	10

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	1189091	Computer Society of India (CSI)

(Dr.K L Sailaja)
