

# Dr. Sandeep Yellisetti



**Designation** : Assistant Professor  
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**Contact at** : Department of Information Technology,  
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Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Computer Science and Technology)

2024, Sri Krishnadevaraya University, Anantapur

### M. Tech (Computer Science and Engineering)

2009, V R Siddhartha Engineering College, Jawaharlal Nehru Technological University, Kakinada

### B. Tech (Computer Science and Engineering)

2006, V R Siddhartha Engineering College, Nagarjuna University, Guntur

## Experience

Period	Designation	Institution / Organization	Key Responsibilities
2010-till date	Assistant Professor	Siddhartha Academy of Higher Education	Examination & Evaluation, AI, ML and DL Research Leader, Counseling & Cognitive Studies, Student Advisory Council Head
2009-2010	Assistant Professor	Montessori Siva Sivani Institute of Science and Technology	-

## Research Interests

### Broad Area of Research:

- Artificial Intelligence, Neuromorphic Computing, Prompt Engineering

### Honors and Awards

- Awarded Best Paper for “Generative Artificial Intelligence in Legal Drafting” at ICCIGST-2024.

- Recognized with Best Paper Award for “AI-Driven Automated Room Design with Effortless Transformation”, ICMEET-2025.
- Recipient of the Best Project Award at the IIT Bhubaneswar Project Expo-2023, for outstanding project innovation and execution.

## Courses Taught

S.No	Course Name	Level (UG/PG)
1	• Data Warehousing	UG
2	• Data Mining	UG
3	• Big Data Analytics	PG
4	• Business Intelligence	UG
5	• Business Analytics	UG
6	• Semantic Web & Social Networks	UG
7	• Advanced Algorithms	UG
8	• Data Visualization	UG
9	• Augment Reality and Virtual Reality	UG
10	• Financial Analytics	UG
11	• UI/UX	UG
12	• Data Visualization & Interpretation	PG
13	• Social Media Mining	UG
14	• Operating Systems	UG
15	• Artificial Intelligence	UG
16	• Operating Systems Use & Configuration	UG

## Research Profile

### Publications

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

Google Scholar	<a href="https://scholar.google.com/citations?user=lakrO8MAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=lakrO8MAAAAJ&amp;hl=en</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=55439984500">https://www.scopus.com/authid/detail.uri?authorId=55439984500</a>
ORCID	<a href="https://orcid.org/0000-0001-5666-1017">https://orcid.org/0000-0001-5666-1017</a>
Publons	<a href="https://publons.com/researcher/3699419/sandeep-yelisetti/">https://publons.com/researcher/3699419/sandeep-yelisetti/</a>
Research Gate	<a href="https://www.researchgate.net/profile/Sandeep_Y">https://www.researchgate.net/profile/Sandeep_Y</a>
LinkedIn	<a href="https://in.linkedin.com/in/dr-sandeep-yelisetti-a784254b">https://in.linkedin.com/in/dr-sandeep-yelisetti-a784254b</a>

### Recognized Research Supervisor

S. No.	Department	University
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## Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
1	Funded	Health Care Management System	Ongoing	UTTS	7.20 Lakhs	2 Years
2	Funded	Real-Time Traffic Management Using an IoT-Enabled Intelligent Transportation System Integrated with Machine Learning Algorithms	Ongoing	Seed Grant-SAGTE	2.00 Lakhs	2 Years
3	Funded	Enumerating Water Depletion by Individuals based on Meteorological Conditions using IoT	Completed	Seed Grant-SAGTE	1.20 Lakhs	2 Years
4	Funded	Mobile-Based Panchayat Level Asset Mapping of Krishna District, Andhra Pradesh	Completed	NRSC	9.24 Lakhs	2 Years
5	Funded	Com Wear: An AI-Driven Wearable Communication Aid for Hearing and Speech Impaired Individuals.	Under Review	AICTE-RPS	31.50 Lakhs	2 Years
6	Funded	AI-Powered IoT for Real-Time Cardiovascular risk monitoring in rural Healthcare.	Under Review	Sree PVF	42.00 Lakhs	2 Years
7	Funded	Hybrid Post Quantum Security Architecture for BFSI: Skimmer Detection, Document Protection and Fraud Analytics.	Under Review	Meity-Cyber Security in AI	48.00 Lakhs	2 Years
8	Funded	Geospatial Intelligence and Immersive Technologies.	Under Review	DST-FIST	02.89 Crore	5 Years
9	Funded	Air Crop Intel: Geospatial Intelligence for Pollution Resilient Farming Strategies.	Under Review	ANRF	58.60 Lakhs	2 Years
10	Funded	AI- Driven Adaptive Security Framework for Real-Time Cloud Threat Detection and Automated Response in Educational Institutions.	Under Review	ANRF	40.07 Lakhs	2 Years
11	Funded	Waste Valorisation: Turning Agro/animal waste into Economic Resources.	Under Review	DST-SYST	19.89 Lakhs	2 Years

## Administrative Roles

S. No.	Role	Institution	Duration	Responsibilities
1	Faculty Recreation Club In charge	SAHE	2023- Till Date	Founded and led the Faculty Recreation Club to promote faculty engagement through recreational activities.
2	Collaborations and Community	SAHE	2023- Till Date	Supported and promoted research collaborations with external organizations and academic partners.
3	Institute Discipline	SAHE	2015- Till Date	Served on the Institute Discipline Committee to uphold campus discipline and address student conduct issues.
4	Anti-Ragging	SAHE	2023- 24	Actively participated in the Anti-Ragging Committee to ensure a safe and welcoming campus environment.
5	Sports Committee Member	SAHE	2020- Till Date	Contributed to organizing events and supporting sports facility management.
6	NBA, NAAC and other accreditations	SAHE	2010- Till Date	Assisted with arrangements and coordination during NBA, NAAC, and other accreditation visits.
7	EAGLE AP Drug Control Initiative	SAHE	2023- 2024	Introduced and facilitated the EAGLE AP Drug Control initiative to raise drug abuse awareness on campus.

## Certifications/MOOC Courses Completed

S. No.	Title	Platform	Duration	Year
1.	AWS Cloud Practitioner	Amazon	3 years validity (Global Certification)	2023-2026
2.	Cloud Infrastructure Certification	Oracle	(Global Certification)	2025

## Consultancy / Industry Projects

Completed	01
On-going	01
Applied	-

## Patents

S. No	Title	Status	Application No.	Year
1	Identifying Depression Epidemiologies or Suicidal Tendencies in Millennials Using Machine Learning Techniques	Filed & Published		2020

## Ph. D

Awarded	00
Guiding	00

## Invited Talks

No. of Invited Talks	04
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## Professional Service / Reviewer

- Reviewer in Computer methods and programs in biomedicine, Elsevier
- Reviewer in Journal of Intelligent & Fuzzy Systems
- Reviewer in Control and Cybernetics

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	15
International / National Level Seminars	05 / 05
International / National Level Conferences	02 / 04
Workshops	10
Instructor Led / Self-Paced Courses	12
Webinars	10

## Professional Bodies Membership Details

S. No.	Membership No.	Society Name
1.	8782784	Association of Computer Machinery (ACM)
2.	179463	International Association of Engineers (IAENG)

(Dr. Sandeep Yellisetti)

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