

# Dr. Ashutosh Satapathy



**Designation** : Assistant Professor (Selection Grade)  
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## Education

### Ph. D (AoR: Image Processing and Computer Vision)

2022, Vellore Institute of Technology, Vellore (Chennai Campus)

### M. Tech (Information Security and Computer Forensics)

2013, SRM University, Kattankulathur

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

2011, Biju Patnaik University of Technology, Rourkela

## Experience

Period	Designation	Institution / Organization	Key Responsibilities
September 2025 – Till Date	Assistant Professor (Selection Grade)	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada	<ul style="list-style-type: none"> <li>Teaching and Research</li> <li>UG/PG Project Guidance</li> <li>Ph.D. Research Guidance</li> <li>Student Counselling &amp; Support</li> </ul>
December 2019 – August 2025	Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada (Formerly Velagapudi Ramakrishna Siddhartha Engineering College)	<ul style="list-style-type: none"> <li>Teaching and Research</li> <li>UG Project Guidance</li> <li>Ph.D. Research Guidance</li> <li>Student Counselling &amp; Support</li> </ul>
July 2016 – October 2018	Teaching and Research Associate	Vellore Institute of Technology (Chennai Campus)	<ul style="list-style-type: none"> <li>Teaching and Research</li> </ul>

July 2014 – June 2016	Research Associate	Vellore Institute of Technology (Chennai Campus)	<ul style="list-style-type: none"> <li>Teaching and Research</li> </ul>
July 2013 – December 2013	Lecturer	Odisha University of Technology and Research, Bhubaneswar (Formerly College of Engineering and Technology)	<ul style="list-style-type: none"> <li>Teaching and Research</li> <li>UG Project Guidance</li> <li>Student Counselling &amp; Support</li> </ul>

## Research Interests

### Broad Area of Research:

Image Processing, Computer Vision and Generative AI

## Honors and Awards

- Supervised 10 Chanakya UG Fellows, supported by IIT(BHU) I-DAPT Hub Foundation, IIT Tirupati Navavishkar I-Hub Foundation (IITNiF) and iHub Anubhuti-IIITD Foundation.
- Supervising PNT Intern at PNT Laboratory, Siddhartha Academy of Higher Education (Deemed to be University) supported by IIT Tirupati Navavishkar I-Hub Foundation (IITNiF).
- Best Paper Award, IEEE ICIITEE 2024, organized by BNM Institute of Technology.
- Worked Research Intern at Information Communication Laboratory, Industrial Technology Research Institute, Hsinchu, Taiwan, 2017.
- Recipient of SEED award for research presentation at the 6th National Summit on Education, Employability, Employment, and Entrepreneurship (4Es), IIT Madras, 2017.

## Courses Taught

S. No.	Course Name	Level (UG/PG)
1	C Programming	UG
2	Object Oriented Programming using Python	UG
3	Data Structures	UG
4	Design and Analysis of Algorithms	UG
5	High Dimensional Data Analysis	UG
6	Exploratory Data Analysis	UG
7	Computer Graphics	UG
8	Business Intelligence and Data Visualization	UG

## Research Profile

### Publications

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

Google Scholar	<a href="https://scholar.google.co.in/citations?user=SwrZkasAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=SwrZkasAAAAJ&amp;hl=en</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=57170065400">https://www.scopus.com/authid/detail.uri?authorId=57170065400</a>
ORCID	<a href="https://orcid.org/0000-0002-2531-4079">https://orcid.org/0000-0002-2531-4079</a>
Vidwan	<a href="https://vrsiddhartha.irins.org/profile/330089">https://vrsiddhartha.irins.org/profile/330089</a>

Research Gate	<a href="https://www.researchgate.net/profile/Ashutosh-Satapathy">https://www.researchgate.net/profile/Ashutosh-Satapathy</a>
LinkedIn	<a href="https://www.linkedin.com/in/ashutosh-satapathy-24903747/">https://www.linkedin.com/in/ashutosh-satapathy-24903747/</a>

## Recognized Research Supervisor

S. No.	Department	University
01.	Computer Science and Engineering	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada

## Funded Research Projects

S. No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Grant-in-Aid	Development of an IoT-enabled River Cleaning Robot for Removal of Floating Debris	Ongoing	AICTE	2,00,000/-	2 Yrs.
02.	SEED Project	An Intelligent Virtual Classroom Framework for Monitoring Behaviour of Students Using Deep Learning Techniques	Ongoing	SAGTE, Vijayawada	1,98,117/-	3 Yrs.

## Administrative Roles

S. No.	Role	Institution	Duration	Responsibilities
1	Professor-In-charge (R&D, CSE)	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada	July 2022- <i>Present</i>	<ul style="list-style-type: none"> <li>Coordinating research and development projects within the department</li> <li>Ensuring smooth execution and progress tracking of all R&amp;D activities</li> </ul>
2	NIRF Coordinator (CSE)	Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada	July 2022- <i>Present</i>	<ul style="list-style-type: none"> <li>Coordinating and managing all activities related to NIRF ranking for the CSE department</li> <li>Collecting, organizing, and verifying data to ensure accurate reporting and compliance.</li> </ul>
3	UG/ PG Project-In-charge (CSE)	Siddhartha Academy of Higher Education	July 2022- <i>Present</i>	<ul style="list-style-type: none"> <li>Coordinating academic project activities,</li> </ul>

		(Deemed to be University), Vijayawada		monitoring progress, and ensuring timely completion.
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## Certification Courses Completed

S. No.	Title	Industry	Duration	Year
1	Certified Trainer certification on DCT-Switching	D-Link	4 Weeks	2016
2	Remote Sensing and Digital Image Analysis	IIRS, Dehradun	1 Month	2023
3	Course Trainer on Neuromorphic Engineering	K-Combinator, Manteca, USA	1 Month	2024
4	NEP 2020 Orientation & Sensitization Programme	Andhra University, Vizag	10 Days	2024

## Ph.D. Guidance

<b>Awarded</b>	--
<b>Guiding</b>	01

## Invited Talks

<b>No. of Invited Talks</b>	02
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## Professional Service / Reviewer

- Reviewer in Journal of Super Computing, Springer
- Reviewer in Cluster Computing, Springer
- Reviewer in Multimedia Tools and Applications, Springer
- Reviewer in Frontiers in Artificial Intelligence

## Professional Development Activities - Participations

<b>Faculty Development and Training Programmes (at Least 5 Days)</b>	07
<b>Summer Schools</b>	02
<b>International / National Level Conferences</b>	14 / 02
<b>Workshops</b>	12
<b>Instructor Led / Self-Paced Courses</b>	06
<b>Webinars</b>	12

## Professional Bodies Membership Details

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S. No.	Membership No.	Society Name
1.	2832484	<i>Professional Member, Association for Computing Machinery, India</i>
2.	98062712	<i>Member IEEE, Member (IEEE SMC, IEEE Pre-University STEM Community)</i>
3.	AM1999950	<i>Associate Member, Institution of Engineers, India (Lifetime)</i>

**(Ashutosh Satapathy)**

September 25, 2025

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