


FACULTY PROFILE

Name	Mr. Sunil Kumar B S
Employee ID	AIET041
Designation	Assistant Professor
Educational Qualification	M. Tech
Area of Specialization	VLSI & Embedded Systems
Department	Electronics & Communication Engineering
Date of Joining to AIET	09-08-2024
Total Experience in years	Teaching: 13
E-mail	sunilkumarbs.aiet@gmail.com

Details of Educational Qualification

Degree	Specialization	Passed out year	University
M. Tech	VLSI & Embedded Systems	2012	VTU, Belgaum
B. E	Telecommunication Engineering	2009	VTU, Belgaum
Diploma	Electronics & Communication Engineering	2003	Government Technical Board Bengaluru

MOOC/NPTEL

Sl. No	Name of the Course	Duration of the course	Month and Year of completion	Course offered by
1.	Introduction to Internet of Things	12-week	Oct 2025	IIT Kharagpur NPTEL
2.	Machine Learning for Soil	12-week	Oct 2025	IIT Kharagpur

	and Crop Management			NPTEL
3.	Micro sensors and Nano sensors	12-week	Oct 2025	IIT Guwahati NPTEL
4.	Research Methodology	8 Week	Mar 2025	IIT Madras, NPTEL
5.	Fundamentals of Artificial Intelligence	12-week	Oct 2024	IIT Guwahati NPTEL
6.	Machine Learning and Deep Learning - Fundamentals and Applications	12-week	Oct 2024	IIT Guwahati NPTEL
7.	Emotional Intelligence	8 Week	Mar 2024	IIT Kharagpur, NPTEL
8.	Ergonomics Research Techniques	12 Week	Oct 2023	IIT Guwahati, NPTEL
9.	Toyota Production System	8 Week	Oct 2023	IIT Roorkee, NPTEL
10.	International Marketing	8 Week	Apr 2023	IIT Kanpur, NPTEL
11.	System Design Through VERILOG	8 Week	Sep 2022	IIT Guwahati, NPTEL

Research Details

Research Areas	VLSI, Embedded Systems, Machine Learning.
Google scholar ID	https://scholar.google.com/citations?user=-wv2VVQAAAAJ&hl=fr
ORCID-ID	https://orcid.org/0009-0000-1689-1870
Vidwan-ID	https://vidwan.inflibnet.ac.in/profile/376644

Papers Presented in Conferences

Sl. No	Title of the paper	Name of the Conference	Date of Conference	Place of Conference
1	Intelligent Crop Monitoring and Protection System in Agricultural fields Using IoT	IEEE	17-18 th May 2019	SVCE Bengaluru
2	Gesture Recognition Using Sign Language for Real Time Application	Springer IDEA	28-29 th June,2024	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
3.	Enhancing Data Packet Transmission Capacity in Modified Heterogeneous Cellular Networks with Femtocells	IEEE	28-29 th April 2025	SJCIT Chickaballapur

Book Published

Sl. No	Title of the book	Year of Publication	Published by	ISBN
1	Fundamentals of Embedded Systems and IoT	2023	Scientific International Publishing House	978-93-5757-727-4

IPRs/ Patents

Sl. No	Title of the IPRs/ Patents	Year of Publication	IPRs/ Patents number
1	Novel System, method and Development of IoT based Automatic waterbodies garbage Treatment Machine.	2022	202241024407
2	System Method, Design and Development of IOT Based Hydroponics	2023	202341041022

Membership of Professional Bodies

Sl. No	Professional Body / Society	Year of Joining	Nature of Membership	Membership ID
1.	IETE	2026	Fellow	F 507300

Past positions

Sl No	Designation	Organisation	Period	
			From	To
1	Assistant Professor	Nagarjuna College of Engineering & Technology Bengaluru	02-02-2012	08-08-2024