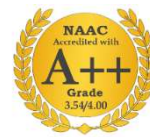




SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution| Accredited with 'A++' Grade by NAAC)

Pulloor, Kariapatti –Taluk. Virudhunagar Dist-626115.



<u>Department of Computer Science and Engineering</u>				
Name	KRISHNA GANESH S M			
Date of Birth	30-04-1984			
Unique ID	FD2117			
Educational Qualifications	M.Sc., M. Tech., (Ph.D.),			
Designation	Assistant Professor			
Email ID	krishnaganeshsm@sethu.ac.in			
Alternate Email ID	krishnaganeshsm@gmail.com			
Experience	Industry	Teaching	Others	Total
	-	16+yrs	-	16+yrs
Date of Joining the Institution	27/04/2026			
Area of Specialization	Computer Networks, Software Engineering, Machine Learning			
Courses taught				
Research Focus	Machine Learning, Mobile Communications			
Research guidance (Number of Scholars)	-			
Subject Competency	-			
No. of papers published	National Journals	International Journals	Conferences	
	-	3	5	
PG Specialization	Computer Science and Engineering			
Ph.D. Specialization	Machine Learning with Mobile Applications			
Projects Carried out				
Patents (Filed & Granted)	5			
Technology Transfer				
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)				



AcademicCredentials

Level	Degree	Specialization	University	Year of Completion
UG	M.Sc 5 Year Integrated Course	Software Engineering	Madurai Kamaraj University	2006
PG	M.Tech	Computer Science and Engineering	Kalasalingam university	2009
Ph.D.	Doctorate	CSE	Anna university	Pursuing

DetailsofJournalPublication: 3

1. Published an article titled **“Computer-aided innovation for intelligent product design: a text mining and knowledge management approach”** in Future Technology Open Access **Scopus Indexed Journal** 2026,Vol.5 Issue.1,Pages 278-289
2. Published an article titled **“Consistent and power efficient clustering protocol in wireless sensor networks”** in International Journal of Applied Engineering Research **Scopus Indexed Journal**,2015.Vol.4,Issue :5.Pages: 296-299
3. Published an article titled **“Optimizing Urban Planning with Multi-Agent Systems: A Case Study in Smart City Infrastructure”** in **Nanotechnology Perceptions Journal**,2024. Vol 20,Issue: 16 Pages : 879-891

DetailsofConferenceattended:

- Presented a paper titled **“AI-Driven Mental Health Assessment Using Speech and Sentiment Analysis in 4th International Conference on Artificial Intelligence and Machine Learning Applications**. Organised by Department of Electronics and Communication Engineering, Electrical and Electronics Engineering, Computer Science Engineering and Information Technology of KSRCT.16th -17th April 2026. **Scopus Indexed**
- Presented a paper titled **“Augmented Reality-Assisted Pediatric Surgery: A Machine Learning-Based Approach for Enhancing Accuracy in First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT),2025**. **Scopus Indexed**

Details of Book Chapter and Books Published: Nil

Details of Patents Filed and Granted:5

1. Machine Learning Based Robotic Equipment For Quarantined Patient- Patent Application Number:4422211-001 Published Date :21.03.2025.
2. Machine Learning Models For Enhanced Decision Making In Financial Detection- Patent Application Number:202541040906Published Date 23.05.2025
3. Glow of Awareness: Re-imaging Streetlights as Environmental Sentinels- Patent Application Number:202541054992, Published Date: 13.06.2025
4. Block Chain – Enabled Smart Grid Energy Distribution-Patent Application Number:2025410554598, Published Date: 27.06.2025
5. Next-Generation Integrated Smart Home Automation System for Enhanced Monitoring and Security Patent Application Number: 202441028599 Published Date : 19.04.2024

Expert Lecture Delivered: Nil