FACULTY PROFILE

Name of the Faculty:	**Mr. K. Suresh Kumar**	
Designation:	**Asst. Prof**	
Department:	**IT**	
Date of Birth:	-	
AICTE– ID:	1-729856906	

Education	• B.Tech in IT from ANU in 2009 • M.Tech in IT Specialization from Anna University, Coimbatore in 2011 • Registered Ph.D in JNTU Kakinada in 2024		
Experience	Teaching: 14 Years	Industry: 0 Years	**Total: 14.5 Years**
	Research: 0 Years	Others: Nil	
Research Specialization	**Wireless Networks, Machine Learning**		
Courses taught	**1.** Data Structures 2. Advanced Data Structures 3. Design & Analysis of Algorithms 4. Data Base Management Systems 5. Automata Theory & Formal Languages 6. Compiler Design 7. Discrete Mathematics 8. Digital Logic & Design 9. Programming for Problem Solving (C- Language) 10. Object Oriented Programming (Java) 11. Python Programming 12. Web Technologies / Front End Web Technologies 13. Micro Processor & Micro Controllers 14. Computer Hardware & Software Lab		

Research contributions

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ SCOPUS, Google scholar)
1	An efficient method to reduce LZW algorithm OUPUT code length	IJEAST	2020	Vol.4	302-304	Google Scholar
2	An Efficient approach to control coverage overlapping and energy-aware protocol in Wireless Sensor Networks	Solid State Technology	2020	Vol.63	No.6	Scopus
3	An Explainable Machine Learning Approach for Early Heart Disease Prediction Using Noisy and Incomplete Healthcare Data	IJMTST	2026	Vol.12	289-292	Google Scholar
4	AI-Powered Therapy Chatbots: Bridging Technology and Empathy in Mental Health Care	SPRINGER	Accepted	-	-	Scopus

Details of Patents(Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	6316748	AI Based Plant Extract Analysing Device to Identify Discease	11/10/2023	Granted
2	6431575	AI Based Child Activity Tracking Device	27/03/2025	Granted

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	5-Day FDP on “Generative AI &LLM”	Co-Convener	Aug 18th to 22nd , 2026
2	5-Day Workshop on “Prompt Engineering & Gen-AI Tools”	Co-Convener	Aug 18th to 22nd , 2026
3	Guest Lecture on “Competitive Coding Skills”	Coordinator	Sep 13th, 2025

4	Workshop on "Augmented Reality & Virtual Reality"	Co-Convener	Nov 8th to 10th , 2024
5	Workshop on "Web Development"	Coordinator	Feb 21st to 23rd , 2020

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	International Conference on "AI-Driven Smart Systems and Ubiquitous Computing"	Shinawatra University, Thailand	Jan 19-21,2026
2	Webinar on "Maximize your research impact and access"	Taylor & Francis	Feb 18th,2026
3	PDP on "Quantum Computing"	VNRVJIT & Black Bucks	Oct 21st-25th,2025
4	FDP on "Gen AI-RAG"	CBIT,Hyd	Sep 8th-12th,2025
5	FDP on "Cloud Computing"	RVIT,Karnataka	July 14th-18th,2025
6	FDP on "Database Management System"	NPTEL	July-Sep, 2024
7	FDP on "AI in Education and Corporate Settings"	APITA	29th July, 2024
8	Completed IBM Skill Certification course on "Web Development Basics"	IBM SkillsBuild	22nd Oct, 2024
9	FDP on "Data Base Management Systems"	NPTEL	July-Sep,2024
10	FDP on "Deep Learning for Computer Vision and its Applications"	VNR VJIT,Hyd	6th Feb to 11th Feb,2024
11	FDP on "Advanced Natural Language Processing"	BEC, Bapatla	3rd Oct to 7th Oct 2023
12	FDP on "Impact of Information Technology in Diverse Domain"	DDGDVC,Chennai	17th July to 24th July 2023
13	FDP on "Artificial Intelligence and its Applications"	CIET, Lam	3rd July to 8th July, 2023

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Teacher Award	Bapatla Engineering College	2025
2	Best Teacher Award	Bapatla Engineering College	2024
3	Qualified UGC NET under PH.D Category only	UGC NET	2024
4	Innovation Ambassador (Advanced &Foundation Level)	MoE's IIC & AICTE	2024

5	Topper 5% in the Course offered by NPTEL " Java Programming"	NPTEL	2023

Student Project/research guidance

S.No	Level	Total number
1	**UG**	**Completed: 15 Ongoing: 2**

Administrative experience

S.No.	Role	Duration (From – to)
1	Social Media Coordinator	2021 to Till
2	Website Coordinator	2025 to Till
3	Timetable Coordinator	2023 to 2025
4	ISTE Chapter Secretary	2019 to Till
5	Sports Coordinator	2024-Till
6	Department Mentoring Coordinator	2018 to 2025
7	Library Advisory Committee member	2023 to 2025
8	Class Coordinator	2012 to 2018

Research credentials

Index/database	ID/Link
Google Scholar	**https://scholar.google.com/citations?hl=en&user=AYqLDjMAAAAJ**
SCOPUS	**-**
Orcid id	**0000-0003-4319-1524**
Vidwan ID	**324160**

K. Suresh Kumar
06.11.2026