



K. S. INSTITUTE OF TECHNOLOGY



#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

Faculty Name	Harshitha G S	
Designation	Assistant Professor	
Educational Qualification	B.E (CSE), M.Tech (CSE-IoT)	
Experience in Years	Teaching: Fresher Industry: 1 year	
Areas of Interest	Computer Networks, Software Engineering, Internet of Things.	
Date of Birth	24 February 2002	
E-mail	manjusriharishitha@gmail.com	

Educational Details

Examination/ Degree	College/ University	Class / Percentage	Year of Passing
M.Tech (CSE-IoT)	University Visvesvaraya College of Engineering	9.65 CGPA	2026
B.E (CSE)	BMS Institute of Technology & Management	First Class	2023
PUC (PCMB)	Expert Pre-University College (Mangaluru)	90.01%	2019
SSLC	St. Philomena's High School	96.64 %	2017

Industry Experience

Organization	Designation	Domain	Key Responsibilities
Protiviti India Member Private Limited, Bengaluru	Project Trainee	Microsoft Dyamics 365 (F&O)	Azure DevOps and project tracking, Application testing & documentation.
Verzeo	Intern & Campus Ambassador	AI & Data Science	Python development & campus ambassador activities

Publications (Conferences)			
Sl. No.	Title of the Paper	Conference	Year
1.	Dynamic Scenarios Transformation in Software System Design in Software Architectural Pattern through MVC.	ICIET, Bangkok	2019

Publications (Journals)			
Sl. No.	Title of the Paper	Journal	Year
1.	SMART MEDASSIST: An Intelligent IoT-Driven Virtual Healthcare Assistant for Real-Time Patient Monitoring and Medication Adherence. DOI: 10.46632/cset/4/2/4	Computer Science, Engineering and Technology	2026

Areas of Expertise	
Core Areas	Emerging Areas
Computer Networks	Cloud Computing
Software Engineering	Big Data Analytics for IoT
Internet of Things	Real Time Operating Systems

Major Academic Projects			
Sl. No.	Project Title	Technologies used	Description
1.	SmartMedAssist: An Intelligent IoT-Driven Virtual Healthcare Assistant	IoT, NodeMCU ESP8266, Python, Blynk Cloud, Google Assistant	Developed an IoT-based virtual healthcare assistant for patient monitoring and medication management.
2.	AI Virtual Assistant	Python, NLP, Speech Recognition	Developed a voice-based assistant for task automation and information retrieval.

Certifications			
<i>NPTEL (National Programme on Technology Enhanced Learning)</i>			
Sl. No.	Course Name	Organizing Institute	Year
1.	Human Computer Interaction (Elite+Silver)	IIIT Delhi	2025
2.	Blockchain and its Applications	IIT Kharagpur	2026
3.	Cloud Computing	IIT Kharagpur	2026
4.	Cyber Security and Privacy	IIT Madras	2026
5.	Privacy and Security in Online Social Media	IIIT Hyderabad	2026
<i>Other Professional Certifications</i>			
Sl. No.	Name of the Course		
1.	Robotic Process Automation – 23+ Training Modules (Automation Anywhere)		
2.	50+ Professional Certification Courses in Computer Science & Engineering (Udemy)		
3.	Android Enterprise Associate Learning Path – Google Android Enterprise		
4.	Climate Change & Sustainable Development (10 Courses) – UN CC:e-Learn / UNITAR & UN Agencies		
5.	Professional Courses in Child Protection, Emergency Management & Humanitarian Response – UNICEF AGORA		
6.	AWS Training & Certification – Machine Learning and Artificial Intelligence Learning Modules		
7.	Introduction to Internet of Things (IoT) – Cisco Networking Academy		

Webinars Attended		
Sl. No.	Title of Webinar	Organized by
1.	Energy Audit Methodology and Case Study	K. Ramakrishnan College of Technology, Tiruchirappalli
2.	Cyber Security in the New Age and Career Opportunities	Global Institute of Management Sciences (GIMS), Bengaluru
3.	Intellectual Property Rights & Innovations	GM Institute of Technology, Davangere
4.	Webinar Series on Satellite and Automation	GSSS Institute of Engineering & Technology for Women, Mysuru (IEEE Student Branch)
5.	The Power of You	ICT Academy (SkyCampus Digital Knowledge Series)
6.	Employability Skills for the Future Intelligence Learning	ICT Academy (SkyCampus Digital Knowledge Series)

	Modules	
7.	Python for Passionate Programmers	Department of CSE, School of Computer Science & Engineering, JAIN (Deemed-to-be University), Bengaluru
8.	Effect of COVID-19 on Urban Microenvironment	Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore
9.	Engineers to Entrepreneurs	Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore
10.	Attributes, Breadth and Career in Environmental Impact Assessment (ABC in EIA)	Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore
11.	Environment Challenges and Management Options during COVID Era	Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore
12.	India First Leadership Talk – Dr. Pramod Chaudhari	MHRD's Innovation Cell, Government of India
13.	India First Leadership Talk – Mahesh Babu (CEO, Mahindra Electric Mobility Ltd.)	MHRD's Innovation Cell, Government of India
14.	Guidance on Government Funding & Facilitation for Entrepreneurs and Incubatees	Prathyusha Engineering College (PEC-IIC & PEC-EDC)
15.	Hangout with Successful Start-ups	Prathyusha Engineering College (PEC-IIC & PEC-EDC)
16.	Overview of Gas Shielded Welding Process and Its Advancements	Ramco Institute of Technology
17.	3D Printing for Medical Applications	Ramco Institute of Technology
18.	Five-Day Webathon on Future Topics in Mechanical Engineering	Ramco Institute of Technology
19.	Application of Molecular Markers in Plant Systematics	V.O. Chidambaram College
20.	The DevOps Way of Automating and Securing IT Infrastructure	NBN Sinhgad School of Engineering, Pune

Achievements & Awards

1.	Awarded Runner-up in the Project-Based Learning (PBL) Competition for the project "AI Virtual Assistant" – BMS Institute of Technology and Management (2021–2022).
2.	Recognized for photography, with selected work published in the NATYRA college magazine (BMS Institute of Technology & Management).
3.	Successfully completed UNICEF, UNITAR online certification courses.
4.	Completed 20+ National and International Technical Webinars and Workshops in Computer Science, IoT, AI, Cyber Security, Intellectual Property Rights, and Emerging Technologies.
5.	Awarded a Certificate of Appreciation for outstanding contribution as Technical Co-

	Ordinator for the AIMS 2020 International Conference, BMS Institute of Technology & Management.
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Positions of Responsibility

1.	Technical Coordinator – International Conference on Accelerating Innovations in Material Science (AIMS-2020), BMS Institute of Technology and Management, August 2020.
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Contact Details

Name: Harshitha G S

Official Address: #14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 5600109

Email ID: manjusriharishitha@gmail.com