


Faculty Profile

Name of the Teaching Staff	Rashmi C R	
Department	CSE	
E-mail	rashmi.cr@cittumkur.org	
Present Designation	Assistant Professor	
Google Scholar ID	PsQ4-NsAAAAJ	
ORCID	0000-0002-0836-4592	
VIDWAN ID	201475	
Education Qualifications	1. UG- BE 2. PG- M.Tech 3. Ph.D- Pursuing	
Work Experience in Years		
Teaching	11	
Research	Nil	
Industry	Nil	
Other	Nil	
Total	11	
Area of Specialization	Computer Science & Engineering	
Publication Details	<p>1. "School Class Monitoring System Based on Audio Signal Processing" International conference ERCICA-2013 held at NMIT, Bangalore on 2nd and 3rd Aug 2013, (ISBN: 9789351071020, Elsevier Publications).</p> <p>2. "A Bandwidth-Efficient Cooperative Authentication and an en-route filtering scheme for filtering injected false data in wireless sensor networks", International Journal of Advanced Computer Research (IJACR), Volume-3, Number-1, Issue-9, ISSN: 2277-7970, (March-2013)</p> <p>3. "Review of Algorithms and Applications in Speech Recognition System", International Journal of Computer Science and Information Technologies (IJCSIT), Vol. 5 (4), 2014, ISSN: 0975-9646</p> <p>4. "MRI Tissue Segmentation and Elimination of Corruption in MRI Images", International Journal of advanced research in computer science & Software Engineering (IJARCSSE), Vol-5, issue 6, june 2015, ISSN: 2277 128X.</p> <p>5. "A New Method for Biometric Application using PCG Signals", International Journal of Emerging Research in Management & Technology (IJERMT), Volume-4, Issue-5, May 2015, ISSN: 2278-9359</p> <p>6. "Human Emotion Classification from EEG using SVM & KNN classifier for BCI", International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 4, Issue 7, July 2015, ISSN: 2278 – 909X</p> <p>7. "Improved Time-Frequency Approach for Detection of Sudden Cardiac Death on Electrocardiogram Signals", International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 4, Issue 6, June 2015, ISSN: 2278 – 909X.</p>	

	<p>8. "Pedestrian Detection System for Night Vision Application to Avoid Pedestrian Vehicle Related Accidents", International Journal of Engineering Research & Technology (IJERT), Vol. 4 Issue 07, July-2015, ISSN: 2278-0181.</p> <p>9. "Eeg Based Person Identification And Authentication Using Bci", International Journal Of Engineering And Computer Science (IJECS), Volume 5 Issue 12 Dec. 2016, Page No. 19322-1932, ISSN: 2319-7242.</p> <p>10. "Mind controlled Wireless Robotic arm using Brain Computer Interface", IEEE International conference (ICCIC2017), 2017, ISBN: 978-1-5090-6621-6</p> <p>11. "Vehicle Density Analysis and Classification usin YOLOv3 for Smart Cities", IEEE International conference (ICECA2020), 2020, ISBN: 978-1-7281-6386-4</p> <p>12. "EEG artifacts detection and removal techniques for brain computer interface applications: a systematic review", International Journal of Advanced Technology and Engineering Exploration, Volume 9, Issue 88, ISSN 2394-7454, 2022</p>
Professional Memberships	<ul style="list-style-type: none"> • Associate member of "The Institute of Engineers (IEI)" – AM 162756-5 • Associate member of "Institution of Electronics and Telecommunication Engineers (IETE)" AM-503879
No. of Books published with details	Nil
Book Chapters published	Nil
Books Published	Nil
Reviewer in Journal/Conference	<p>Journals</p> <p>1.Cognitive Neurodynamics ISSN: 1871-4080, Springer Nature Number of papers reviewed - 04</p> <p>2. MethodsX ISSN: 2215-0161, Elsevier Number of papers reviewed - 01</p>
Patents	Nil
Academic & Administrative Responsibilities	<p>CSE- Internship Coordinator</p> <p>CSE- Project Coordinator</p>
FDPs & Workshops Attended	<ul style="list-style-type: none"> • "BCI and Neurotechnology" summer school 5-days virtual event by g.tec medical engineering, Austria from 29th June to 3rd July 2020. • "BCI and Neurotechnology" summer school 5-days virtual event by g.tec medical engineering, Austria from April 12th to 21st 2021. • "BCI and Neurotechnology" summer school 10-days virtual event by g.tec medical engineering, Austria from April 25th to May 4th 2022. • Five-day online National-Level Workshop on "Deep Learning and its Applications" from 6th March 2023 to 10th March 2023, KIT, Tiptur. • Two days Workshop on "IOT" at RVCE, Bangalore. • Attended one Day workshop on "Machine Learning" held at SIT, Tumkur. • Attended 3 days workshop on "Hadoop" held at CIT, Gubbi. • Attended one day workshop on "Academic Writing" at CIT, Gubbi.

Awards & Achievements Received	Women Achiever's Award from IEI, Bangalore
Ph.D Research Scholar Details	Guided /Awarded
	NIL
	Ongoing
	NIL
Research/Sponsored Projects Funds Received & Projects Completed	Name of the Project : Study of Urban Mobility in TUMKUR: A City recognized for Development into a Smart City
	Funds Received : Rs. 6,00,000/-
	Sponsoring Agency : Vision Group of Science and Technology(VGST)
	Sanctioned Year : 2015-16
	Current status of the Project (Completed/Ongoing) : Completed
Student Funded Projects Guided	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : KSCST
	Funds Received : Rs. 4000/-
	Title of the Project : Indoor Navigation with Hazard Detection using Augmented Reality
	Sanctioned Year : 2022-23
	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU
	Funds Received : Rs. 5000/-
	Title of the Project : Internet of Things based digital water supply
	Sanctioned Year : 2017-18
	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU
	Funds Received : Rs. 5000/-
	Title of the Project : Smart Soil Nutrition Monitoring system for Efficient Crop Productivity using IOT
	Sanctioned Year : 2018-19
	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU
	Funds Received : Rs. 5000/-
	Title of the Project : Sign Language to Text using Machine Learning
	Sanctioned Year : 2020-21
	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU
	Funds Received : Rs. 5000/-
	Title of the Project : Virtual Assistant using Machine Learning
	Sanctioned Year : 2020-21

	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : VTU
	Funds Received : Rs. 5000/-
	Title of the Project : Thyroid Disease detection using deep Learning
	Sanctioned Year : 2021-22
Any other accomplishments	NIL