

Faculty Profile

Name of the Teaching Staff	Rajendra C J	
Department	Electronics & Communication Engineering	
E-mail	rajendra.cj@cittumkur.org	
Present Designation	Assistant Professor	
Google Scholar ID	BfKSahoAAAAJ	
ORCID	0000-0001-6491-0001	
VIDWAN ID	201515	
Education Qualifications	<ol style="list-style-type: none"> UG – Electrical & Electronics Engineering PG – Electronics Ph.D – Biomedical Engineering 	
Work Experience in Years		
Teaching	10 Years 07 Months	
Research	----	
Industry	01	
Other	----	
Total	11 years 07 Months	
Area of Specialization	<ol style="list-style-type: none"> Embedded Systems Biomedical Instrumentation 	
Publication Details	International Journals <ol style="list-style-type: none"> Rajendra C J, Dr. Suresh D S, "IDENTIFYING ASD BY EARLY SIGNS OF BRAIN DISRUPTIONS" in "JOURNAL OF DATA ACQUISITION AND PROCESSING", 2023, Vol. 38(3), pp. 5606-5617, ISSN: 1004-9037. Rajendra C J, Dr. Suresh D S, "IDENTIFYING THE SEVERITY OF SYNDROME BASED ON THE ANALYSIS OF RETINAL IMAGES USING DEEP LEARNING TECHNIQUES" in "EUROPEAN CHEMICAL BULLETIN" 2023, vol-12, pp.52-62, DOI: 10.31838/ecb/2023.12.s1.006. Rajendra C J, Dr. Suresh D S, "DEEP LEARNING BASED EMOTION CLASSIFICATION IN AUTISM PATIENTS" in "GRADIVA REVIEW JOURNAL", ISSN: 0363-8057, VOLUME 8, ISSUE 9 2022, pp. 363 -368. D S Suresh, Rajendra C J "Technical Solutions for the Neurodegenerative Community - A Survey" International Journal of Advance Science and Technology (IJAST), ISSN: 2005-4238, Vol. 29, No. 10S, (2020), pp. 4301-4311 Rajeshwari T G, D S Suresh, Rajendra C J, Sekar R, "Virtualization of Electrical Power Grid - An Approach on Load Balancing Scheme for Different Feeders", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol. 4, Issue 3, March 2016 ISSN(Online): 2320-9801 ISSN (Print): 2320-9798 Panduranga H V, D S Suresh, Rajendra C J, Sekar R, "Interface Design for Multi Parameter Health Monitoring System Based on PLC", International Journal of Innovative Research in Science, Engineering and Technology(IJIRSET), Vol. 4, Issue 12, December 2015 ISSN(Online): 2319-8753 ISSN (Print): 2347-6710 	

	<p>7. Dr. Suresh D S, Mahalakshmi R C, Rajendra C J, "A Survey Report on Video Shot Boundary Detection Schemes", International Journal of Advanced Research in Computer Engineering and Technology (IJARCET), Volume 3, Issue-5, May 2014.</p> <p>8. D S Suresh, Sekar R and Rajendra C J "Smart Lighting System Using Power Line Communication" International Journal of Applied Engineering Research ISSN 0973-4562 Volume 9 Number 9 2014.</p> <p>9. Shruthi M N, Dr. Suresh D S, Rajendra C J and R Sekar "PLC based Waste Water Treatment and Fire Alarm System" International Journal of Engineering Research and General Science Volume 1, Issue 1, August 2013 ISSN 2091 – 2 /30</p> <p>10. Deepa K, D S Suresh, Rajendra C J and Smitha U V "Optimal Energy Management of Greenhouse by using ARM LPC1768" International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 5 Issue 09, September-2016</p> <p>International Conferences</p> <p>1. Siddharam, D S Suresh, Rajendra C J, Sekar R, "PLC Based Waste Management Robot", published in the proceedings of 8th IRF international Conference, 22nd November 2015, Hyderabad, India. ISBN-978-93-85832-57-4.</p> <p>2. Suresh D S , Sekar R, Rajendra C J , Shaveer Hussain., " Performance monitoring and fault detection of electrical machines using microcontroller", published in the proceedings of ICEECMPE International Conference, PP 51-52 2nd November 2013, New Delhi India. ISBN-978-93-82702-37-5</p> <p>3. Suresh D. S., K. V. Jyothi Prakash, Rajendra C. J., "Automated Soil Testing Device" 1st International Conference on Emerging Trends in Engineering & Technology (ICETET), April 14th 2013 at Delhi</p>
Professional Memberships	<ol style="list-style-type: none"> 1. IEI (Member Id – AM 1627773-5) 2. IETI (Member Id – M-503850)
No. of Books published with details	----
Book Chapters published	----
Books Published	----
Reviewer in Journal/Conference	----
Patents	<ul style="list-style-type: none"> • Automated soil Testing Devices: CBR No. 5316 • Audio Control on phone Interference while driving the Light / Heavy vehicle: CBR No. 4771 • Waste Management Robot: Application No. 6234/CHE/2015 • PLC Based Automatic Effluent Treatment Mechanism For Coir Industry: Application No. 201741046315 • Voice Based Touch Free Vending Machine: Application No. 202141014815
Academic & Administrative Responsibilities	<p>Institution Level</p> <ol style="list-style-type: none"> 1. Admission Committee (In-charge) 2. VTU Institute Project Committee Coordinator 3. Sports Coordinator 4. KSCST SPP coordinator <p>Department Level</p> <ol style="list-style-type: none"> 1. Programme coordinator 2. Alumni Coordinator 3. Product / Project Lab In-charge 4. Project work Coordinator 5. Ideas Club In-charge 6. Skill Lab In-charge 7. Internship coordinator

FDPs & Workshops Attended		
Sl. No.	Particular	Place & Date
1	Real World DSP	15th — 27th July 2013, CIT Gubbi
2	PLC & SCADA	17 th , 18 th Jan 2014, VTU, Regional centre, Mysore
3	Introduction on “SciLab”	30th , 31st January & 1st February 2014, CIT, Gubbi
4	2 days workshop on “PLC Controllers”	July 2014, CIT Gubbi
5	Linear Integrated Circuits	18th Dec 2014, CIT Gubbi
6	Advanced Instrumentation	06 th & 07 th April 2015, BIET, Davanagere
7	Renewable Energy	17th June 2016
8	Research Insight on Speech signal Processing	25th June 2016
9	Automotive Electronics	23rd July 2016
10	One Day Symposium on “Microgrids for Remote Electrification” organized by NIE Mysore Microgrid Forum NIE Mysore	10/01/2019, NIE Mysore
11	Artificial Intelligence and IoT	08/07/2019 to 12/07/2019, CIT, Gubbi
12	“Industrial Robotisation”	31st January & 1st February, 2020, CIT, Gubbi