ChannabasaveshwaraInstituteofTechnology

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)
(ISO9001:2015CertifiedInstitution)
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Faculty Profile

NameoftheTeachingStaff	**Dr B P Upendra Roy**	
Department	Electronics & Communication Engineering	
E-mail	upendraroy.bp@cittumkur.org	
Present Designation	Professor	
Google Scholar ID	W17xKPIAAAAJ&h	
ORCID	0000-0002-5469-5093	
VIDWAN ID	416677	
EducationQualifications	1. UG – 1998 (REGIONAL ENGINEERING COLLEGE (TRICHY)) 2. PG – 2003 (POWER SYSTEMS,NATIONAL INSTITUTE OF TECHNOLOGY,TRICHY) 3. Ph.D – 2016 (ENERGY STORAGE,ANNA UNIVERSITY,CHENNAI)	

WorkExperience in Years	
Teaching	24 Years and 8 Months (As on 17/08/2023)
Research	0
Industry	2 Years
Other	-
Total	26.5
Area of Specialization/Research	**ENERGY STORAGE,ARTIFICIAL INTELLIGENCE**
Publication Details	1.Feasibility study of an energy storage system for distributed generation system in islanding mode BP Upendra Roy, N Rengarajan Journal of Energy Resources Technology 139 (1), 011901 2.An optimized recommendation framework exploiting textual review based opinion mining for generating pleasantly surprising, novel yet relevant recommendations R Shrivastava, DS Sisodia, NK Nagwani, UR BP Pattern Recognition Letters 159, 91-99 3.Energy management for PV powered hybrid storage system in electric vehicles using artificial neural network and Aquila Optimizer algorithm N Narasimhulu, RSR Krishnam Naidu, P Falkowski-Gilski, Upendra Roy B P Energies 15 (22), 8540 4.An Automated Sleep Stage Classification for Healthcare Monitoring by using Single Channel EEG Signal SK Gurumoorthy, DT Chethana, M Ramesh, BPU Roy, CS Kumari 2023 IEEE International Conference on Integrated Circuits and Communication …

	5.Hybrid Pigeon Inspired Optimizer-Gray Wolf Optimization for Network Intrusion Detection VP Sasikumar Gurumurthy , Hemalatha K. L. , D. Pamela , Upendra Roy Journal of System and Management Sciences 12 (No. 4), 383-397
	6.ANALYSIS OF DISTRIBUTED GENERATION SYSTEM IN ISLANDING MODE WITH ENERGY STORAGE SCHEME BPU Roy, N Rengarajan International Journal of Energy, Environment and Economics 22 (5), 475
	7.DESIGN OF A FLEXIBLE ENERGY STORAGE SYSTEM FOR AUTONOMOUS RENEWABLE ENERGY SYSTEMS BPU Roy, N Rengarajan International Journal of Energy, Environment and Economics 21 (1), 61
	8.Application of Supercapacitors for Short term Energy Storage Requirements. **Asian Journal of Applied Sciences** Year: 2015 | Volume: 8 | Issue: 2 | Page No.: 158-164 DOI: 10.3923/ajaps.2015.158.164
	9.Stochastic and Fuzzy-Stochastic Production Models for Linear-Price Dependent Demand and Stock Dependent Demand with Constraints R Kumar, R Sayeelakshmi, K Sasikala, BPU Roy 2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon), 1-6
	10.An Automated Sleep Stage Classification for Healthcare Monitoring by using Single Channel EEG Signal SK Gurumoorthy, DT Chethana, M Ramesh, BPU Roy, CS Kumari 2023 IEEE International Conference on Integrated Circuits and …, 2023·ieeexplore.ieee.org
	11. Design Hybrid Energy System For Supplying RemoteLoad With Supercapacitor Based Energy Storage **B P Upendra Roy,N Rengarajan** INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT)
	12. Design of a Super-capacitor based Energy Storage System for Supplying Remote Load **B P Upendra Roy, N Rengarajan** International Academic Conference on Electrical,Electronics & Computer Engineering (IACEECE)- Hyderabad September 22,2013
	13.Sizing of Ultra-Capacitors for Short Term Energy Storage Applications **B P Upendra Roy, N Rengarajan** National Conference on "Recent Trends in Renewable Energy Sources for Sustainable Development (NCRES2011) Anna University,Tiruchirapalli 22-23 February 2011
	13.Energy Storage Techniques and Use of Ultra capacitor based Energy Storage System for Lighting Rural Areas **B P Upendra Roy** National Energy Conference on ENERGY EFFICIENCY: THE ENVIRONMENTAL SOLUTION – National Institute of technology 27-28 December 2007
Professional Memberships	IETE
No.of Book spublished with details	-
Book Chapters published	E-commerce Across Borders Logistics Platform System Based on Blockchain Techniques Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT,volume 172)

Books Published	Nil
Reviewer in Journal/Conference	1. Journal of Physical Communication ,Elsevier 2. Journal of Multimedia Tools & Applications,Springer 3. IEEE Conference – North Karnataka Section- November 2022
Patents	1. SMART SELF-POWER GENERATING AND MOVING TRASH COLLECTOR SMART SELF-POWER GENERATING AND MOVING TRASH COLLECTOR IN 201841031865 2. A WHEEZING DETECTING DEVICE A WHEEZING DETECTING DEVICE IN 201841036882
Academic & Administrative Responsibilities	IQAC-DEAN,Chairman, Grievance Redressal Committee,Coordinator/Institution Innovation Council
FDPs & Workshops Attended	1. Two Days FDP on " Marching Towrads NBA Accreditation for Management Programs, Dayananda Sagar Business School, Bangalore 22-23 August 2022 2. Certificate Course on Effective Patent Drafting Anna University CIPR November 9-13, 2016 3. Two weeks FDP on Entrepreneurship sponsored by Department of Science & Technology,Government of India held at SASTRA UNIVERSITY December 11-23,2017 4. FDP on Innovation & Entrepreneurship Development Program by EDI-Tamil Nadu held at SASTRA University, 26-28 September 2016 5. FDP on Entrepreneurship held at KONGU ENGINEERING COLLEGE 14-11-2016 to 26-11-2016 6. NPTEL Workshop held at IIT Madras
Certifications	1. **GOOGLE Certified Digital Marketing Professional** 2. **MHRD Certified INNOVATION AMBASSADOR** 3. **PEARSON Certified Career Counselor**