Channabasaveshwara Institute of Technology

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)
(NAAC Accredited & ISO 9001:2015 Certified Institution)
NH 206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka

Faculty Profile

Name of the Teaching Staff	Mrs. Radha B.N.
Department	Electrical & Electronics Engineering
E-mail	radha.bn@cittumkur.org
Present Designation	Assistant professor & HOD
Google Scholar ID	rlaQFlEAAAAJ
ORCID	0000-0001-8513-3301
VIDWAN ID	201500
Education Qualifications	1. B.E. from PESCE(2004) 2. M.Tech from NIE,Mysore(2010)

Work Experience in Years	
Teaching	19
Research	-
Industry	-
Other	-
Total	19
Area of Specialization	Computer application in Industrial Drives
Publication Details	1. Prathibha E [1] , Shanthala.K [2] , Preethi Lokesh [3] , Chandrakala B M [4] , Yashaswini C S [5] , Radha B N [6] " AI based Pathology Detection and Localization in Chest X-Ray Using Parallelize Multiple DCNN" Alliance Doctoral Research and Innovation Symposium ADRIS 2024, organised by Alliance university on December 13-14, 2024 2. An advanced protection coordination technique for solar in-feed distribution systems Ain Shams Engineering Journal 10 (2), 379-388 in the year 2019 3. Solar Powered wireless power transmission IJETAE 6 (5) in the year 2016 4. Generation of SPWM pulses using TMS processor. NCDDEE-2015 5. Automation and speed control of transfer car by interfacing an induction motor drive with PLC Indian Journal Of Scholarly Research in the year 2014 5. Grid connected PV system with shunt active filter NCDDEE-2013
Professional Memberships	➢ ISTE : LM54725 ➢ IEI : M-153549-2 ➢ IETE : F-503797
No. of Books published with details	-
Book Chapters published	01 1. Prathibha Ekanthaiah, Likhitha R., Chandrakala B. M.,Radha B. N., Yashaswini C. S. and Vinaya B. Koradoor., "Implementation Challenges in FFNN Architecture Design for PQ Analysis on FPGA Current Approaches in Engineering Research and Technology, Vol. 7, 2024, pages 14-30, Print ISBN: 978-81-978082-0-3, eBook ISBN: 978-81-978082-8-9, India-United Kingdom BP publisher, DOI: https://doi.org/10.9734/bpi/caert/v7/1409
Books Published	-

Reviewer in Journal/Conference	**IEEE International Conference** - Reviewer NMITCON-2023
Patents	-
Academic & Administrative Responsibilities	➢ Head of the department since May 2025. ➢ External Practical examiner ➢ Project coordinator for final year students ➢ Internal DCS for VTU examinations ➢ Women empowerment cell coordinator of the dept.
FDPs and workshops attended (2024-25,2023-24 & 2022-23)	➢ Online "AI tools and chatGPT workshop" on **June 1st 2025** ➢ 5 days online FDP from **17th to 22nd march 2025** on ENERGY MANAGEMENT SYSTEM IN SUSTAINABLE RESOURCES organised by BIT, Bangalore. ➢ 5 days online GIAN course - "Hybrid Renewable energy systems in micro grids" from **20-02-2025 to 25-02-2025** and obtained Excellent grade with grade point of 10. ➢ 5-Day Online Faculty Development Program on "Applications Of AI/ML in Power Systems & Electric Vehicles" – 5th August to 9th august 2024 ➢ IUCEE -INTERNATIONAL EDUCATOR CERTIFICATION PROGRAM (6 months FDP- Jan 2024 to June 2024) completed with distinction. ➢ NPTEL-AICTE FDP on Power quality (Jan-April 2023) ➢ UGC approved short term PDP on "Implementation of NEP 2020"(7th to 15th October 2022) ➢ Two days National level workshop(online) – "Transformation through NAAC accreditation process" (20th & 21st June 2022)
Awards & Achievements Received	➢ NPTEL online certification (Elite+silver) from IIT Roorkee, for the course "Power quality improvement technique" in 2024. ➢ NPTEL online certification (Elite) from IIT Madras for the course "Power quality" in 2023. ➢ Appreciation from IEI Tumkur local chapter on the occasion of Engineers day September 17th , 2022 ➢ Appreciation from Women empowerment cell of CIT on 8th march 2022 ➢ NPTEL Elite online certification from IIT Madras for the course " Managing Intellectual property in Universities" in 2020
Ph.D Research Scholar Details	Registered for Ph.d (Part-time) in Feb 2025 & Pursuing it at MIT Bangalore under the guidance of Dr.Nisha Prasad and Co-guides Dr.Mahipal Bukya and Dr.Srinivas.
Research/Sponsored Projects Funds Received & Projects Completed	-
Student Funded Projects Guided	Sponsoring Agency (KSCST/**VTU**/Others, Please Specify) :

| | 1. Funds Received : **5000/-**
Title of the Project : **Improvement of power quality in distributed generation system using hybrid power filter.**
Sanctioned Year : **2018** |
| | 2. Funds Received : **5000/-**
Title of the Project : **Smart solar powered multi-purpose agricultural robot using IOT**
Sanctioned Year : **2021** |