




# 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	<a href="mailto:radha.bn@cittumkur.org">radha.bn@cittumkur.org</a>	
Present Designation	Assistant professor	
Google Scholar ID	rlaQFIEAAAAJ	
ORCID	0000-0001-8513-3301	
VIDWAN ID	201500	
Education Qualifications	<ol style="list-style-type: none"> <li>B.E. from PESCE(2004)</li> <li>M.Tech from NIE,Mysore(2010)</li> </ol>	
<b>Work Experience in Years</b>		
Teaching	18	
Research	-	
Industry	-	
Other	-	
Total	18	
Area of Specialization	Computer application in Industrial Drives	
Publication Details	<ol style="list-style-type: none"> <li><a href="#">An advanced protection coordination technique for solar in-feed distribution systems</a> Ain Shams Engineering Journal 10 (2), 379-388 in the year 2019</li> <li><a href="#">Solar Powered wireless power transmission</a> IJETAE 6 (5) in the year 2016</li> <li><a href="#">Generation of SPWM pulses using TMS processor.</a> NCDDEE-2015</li> <li><a href="#">Automation and speed control of transfer car by interfacing an induction motor drive with PLC</a> Indian Journal Of Scholarly Research in the year 2014</li> <li><a href="#">Grid connected PV system with shunt active filter</a> NCDDEE-2013</li> </ol>	
Professional Memberships	<ul style="list-style-type: none"> <li>➤ ISTE : LM54725</li> <li>➤ IEI : M-153549-2</li> <li>➤ IETE : F-503797</li> </ul>	
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: <a href="https://doi.org/10.9734/bpi/caert/v7/1409">https://doi.org/10.9734/bpi/caert/v7/1409</a>	
Books Published	-	
Reviewer in Journal/Conference	<b>IEEE International Conference</b> - Reviewer NMITCON-2023	
Patents	-	
Academic & Administrative Responsibilities	<ul style="list-style-type: none"> <li>➤ Department coordinator since 2020</li> <li>➤ One of the Interview panel member of EEE dept.</li> <li>➤ External Practical examiner</li> <li>➤ Project coordinator for final year students</li> </ul>	

	<ul style="list-style-type: none"> <li>➤ Internal DCS for VTU examinations</li> <li>➤ Women empowerment cell coordinator of the dept.</li> </ul>
FDPs and workshops attended (2023-24 & 2022-23)	<ul style="list-style-type: none"> <li>➤ 5-Day Online Faculty Development Program on “Applications Of AI/ML in Power Systems &amp; Electric Vehicles” – 5<sup>th</sup> august to 9<sup>th</sup> august 2024</li> <li>➤ IUCEE -INTERNATIONAL EDUCATOR CERTIFICATION PROGRAM (6 months FDP- Jan 2024 to June 2024) completed with distinction.</li> <li>➤ NPTEL-AICTE FDP on Power quality (Jan-April 2023)</li> <li>➤ UGC approved short term PDP on “Implementation of NEP 2020”(7<sup>th</sup> to 15<sup>th</sup> October 2022)</li> <li>➤ Two days National level workshop(online) – “Transformation through NAAC accreditation process” (20<sup>th</sup> &amp; 21<sup>st</sup> June 2022)</li> </ul>
Awards & Achievements Received	<ul style="list-style-type: none"> <li>➤ NPTEL online certification (Elite+silver) from IIT Roorkee, for the course “Power quality improvement technique” in 2024.</li> <li>➤ NPTEL online certification (Elite) from IIT Madras for the course “Power quality” in 2023.</li> <li>➤ Appreciation from IEI Tumkur local chapter on the occasion of Engineers day September 17<sup>th</sup> , 2022</li> <li>➤ Appreciation from Women empowerment cell of CIT on 8<sup>th</sup> march 2022</li> <li>➤ NPTEL Elite online certification from IIT Madras for the course “ Managing Intellectual property in Universities” in 2020</li> </ul>
Ph.D Research Scholar Details	-
Research/Sponsored Projects Funds Received & Projects Completed	-
Student Funded Projects Guided	<p>Sponsoring Agency (KSCST/<u>VTU</u>/Others, Please Specify) :</p> <p>1. Funds Received : <b>5000/-</b>  Title of the Project : <b>Improvement of power quality in distributed generation system using hybrid power filter.</b>  Sanctioned Year : <b>2018</b></p> <p>2. Funds Received : <b>5000/-</b>  Title of the Project : <b>Smart solar powered multi-purpose agricultural robot using IOT</b>  Sanctioned Year : <b>2021</b></p>