


Faculty Profile

Name of the Teaching Staff	Vinaya B K	
Department	Electrical & Electronics Engineering	
E-mail	vinaya.bk@cittumkur.org	
Present Designation	Assistant Professor	
Google Scholar ID	https://scholar.google.com/citations?user=wretRv8AAAAJ&hl=en	
ORCID	https://orcid.org/0000-0001-6727-0417	
VIDWAN ID	https://vidwan.inflibnet.ac.in/profile/201497	
Education Qualifications	<ol style="list-style-type: none"> B.E. in Electrical & Electronics Engineering M.Tech in Computer Applications in Industrial Drives Pursuing (Ph.D.) 	
Work Experience in Years		
Teaching	10 years	
Research	-	
Industry	-	
Other	-	
Total	10	
Area of Specialization	Computer Applications in Industrial Drives, Electrical Machines, Electric Vehicles.	
Publication Details	<ol style="list-style-type: none"> Go/Cuo Nanohybrid-Based Carbon Dioxide Gas Sensors with an Arduino Detection Unit, ACS Omega (Q1), 8, 36, 32512-32519, Doi: 10.1021/Acsomega.3c02598 (Q1) – Year 2023 Int. J. Nanomanufacturing, Vol. 16, No. 4, 2020, Novel green synthesis of silver nanoparticles from newly discovered Putranjivaceae plant leaf extract and their antibacterial studies A paper titled Synthesis and Characterization of semiconductor Si nanowires for gas sensor applications at SRM University Chennai, International Conference on Nanoscience and Nanotechnology (ICONN-2019) held during 28th to 30th January 2019 International Journal on Physical Sciences, Volume 10, Issue 1, 2019, ISSN: 2230-9683 Published by National Environmental Science Academy "Preparation of Azobenzene Dye-sensitized Solar Cell Using TiO₂-Swcnt Nanocomposites" A paper titled Fabrication of azobenzene Dye sensitized solar cell using TiO₂ and Carbon Nano Tubes at CHRIST Bangalore, International Conference on Advanced Ceramics and Nano materials for Sustainable development (ACeND-2018) held during 19th to 21st September 2018. International Journal of Research in Engineering, Science and Management (IJRESM), ISSN: 2581-5782, Volume-1, issue-08, August 2018, "Winding Clamping Force Effect Due to Moisture and Insulation Aging Changes". SS International Journal of Multidisciplinary Research, ISSN: 2395-7964, "Resonant Circuit with Soft-switching Performance of a DC-DC Converter for PFC with ZV Switching" Published Paper titled "Zero Voltage Transition based boost converter 	

	<p>for power factor correction and its application” in IJSRD, vol-4, issue 10, ISSN: 2321-0613 in December 2016.</p> <p>9. International Journal of Science Technology & Engineering, ISSN: 2349-784X, Volume-2, issue-06, Dec-2015, “Resonant Circuit with Soft-Switching Performance of a Boost Converter for PFC with ZVS and/or ZCS”.</p> <p>10. A paper titled Resonant Circuit with Soft-Switching Performance of a Boost Converter for PFC with ZVS and/or ZCS at GSSS Institute of Engineering & Technology for women Mysore, National Conference on Power Systems and Industrial Automation (NCPSIA-2015), 22nd Aug 2015.</p>
Professional Memberships	IETE – AM -503884
No. of Books published with details	02
Book Chapters published	-
Books Published	<ol style="list-style-type: none"> 1. The book titled “Elements of Electrical Engineering” was published by Lambert Publishers, Germany, ISBN: 978-620-5-49921-4. 2. The book titled “Quantum Mechanics & Quantum Computation” was published by Lambert Publishers, Germany, ISBN: 978-3-784-45689-3.
Reviewer in Journal/Conference	<ol style="list-style-type: none"> 1. Reviewer for IEEE International Conference on ICDCOT – 2024 organized by SJBIT, Bengaluru, 15th and 16th March 2024. 2. Reviewer for IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISE-2023) organized by SDMCET, Dharwad, 16th – 17th June 2023. 3. Reviewer for first IEEE International Conference on Data Science and Network Security (ICDSNS-2023) organized by KIT, Tiptur, 28th - 29th July 2023
Patents	-
Academic & Administrative Responsibilities	<ul style="list-style-type: none"> • NAAC Extended Profile Coordinator • Intra - Internship Coordinator • CMS Coordinator • Faculty Feedback Coordinator • Class Advisor
FDPs & Workshops Attended	<ol style="list-style-type: none"> 1. Attended 2 days National level workshop on “Differential Equations for Engineers” held on 28th and 29th April 2023 at CIT, Gubbi. 2. Attended 5 days ATAL FDP on “Effective team work (advanced level)” organized by IIT Bhubaneswar from 4 – 8 October 2021. 3. Attended 5 days ATAL FDP on Electric Vehicles from 20th July 2021 to 24th July 2021 was organized by AD Patel Institute of Technology, CVM University, Gujrat. 4. FDP on Modern Renewable Energy Technology from 27th to 29th May 2020 organized by SMVIT, Bangalore 5. Attended 2-day orientation workshop on “Accreditation NBA under AICTE” organized by Srinivas Institute of Technology, Mangalore from 12th to 13th January 2020 6. Attended 2 days “International Conference on Nano Technology” held at hotel Srinivas, Srinivas University, Mangalore in October 2019.

	7. Attended two-day workshop on Intellectual Property Rights (IPR) in Association with KSCST Bangalore at GMIT Davanagere on 17th & 18th August 2018
	8. Attended one day workshop on BOS first year syllabus held at Sahyadri College of Engineering & Management, Mangalore conducted by VTU Belagavi in May 2018.
	9. Attended two weeks ISTE Workshop on Electric Power System held at Srinivas Institute of Technology, Valachil, Mangalore conducted by IIT Kharagpur in July 2017.
	10. Attended two-day Faculty Enablement Programme (FEP) on "Psycho-Pedagogy of Classroom" held at Srinivas Institute of Technology, Mangalore in December 2017.
Awards & Achievements Received	<ol style="list-style-type: none"> Honoured for the Book Publication titled "Elements of Electrical Engineering" was published by Lambert Publishers, Germany, ISBN: 978-620-5-49921-4 at CIT, Gubbi Honoured for the Book Publication titled "Quantum Mechanics & Quantum Computation" was published by Lambert Publishers, Germany, ISBN: 978-3-784-45689-3 at Srinivas University, Mukka, Mangalore Successfully completed NPTEL online on "Electrical Machines" Completed NPTEL online course on "Fundamentals of Electrical Engineering" on October 2018
Ph.D Research Scholar Details	Guided /Awarded
	Candidate Name : Nil
	USN : Nil
	Title : Nil
	Year of Award : Nil
	Ongoing
	Candidate Name : Nil
	USN : Nil
	Title : Nil
	Year of Registration : Nil
Research/Sponsored Projects	
Funds Received & Projects Completed	Name of the Project : Nil
	Funds Received : Nil
	Sponsoring Agency : Nil
	Sanctioned Year : Nil
	Current status of the Project (Completed/Ongoing) : Nil
Student Funded Projects Guided	Sponsoring Agency (KSCST/VTU/Others, Please Specify) : KSCST
	Funds Received : 6000
	Title of the Project : PV SYSTEM MPPT METHOD WITH FUZZY LOGIC
	Sanctioned Year : 2023
Any other accomplishments	

