




**National Education Society(R.)**  
**JawaharlalNehruNewCollegeofEngineering,Shivamogga**  
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC –‘A’,  
UG programs:CE,ME,EEE,ECE,CSE,ISE,ETE & MBA accredited by NBA:1.7.2022 to 30.6.2025,  
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



Name of the faculty	Dr. Shwetha H R		
Designation	Assistant Professor		
Department	ECE		
IRINS Profile ID	107356		
Date of Joining the Institution	27-Sep-2013		
Qualification	Ph.D.		
Total Experience in Years	13		
Papers Published in Journals	8		
Papers Presented in Conferences/Symposium	2		
PhD Guide, field & University	Dr. Rudraswamy S B. Assistant Professor SJCE, Mysuru		
PhDs/Projects Guided			
Books Published/IP Rs/Patents	1. Book published in Scientific International Publishing House “Analog and Digital Electronics”, ISBN:9789361328756 2. Patent published for the topic “SYSTEM & METHOD FOR BUILDING SMART URBAN SOLUTIONS USING IOT, AI, ML AND CLOUD-BASED TECHNOLOGY”, Patent No: 202411017181		
Professional Memberships	IETE		
Consultancy work taken (project, company, amount)			
Awards received	1. “Best Technical Paper Award in Lecture Series” at IEEE-International Conference APSCON-2023, India. 2. Guided best final year project and won the <b>1st prize</b> in the innovation project exhibition for “Design and Development of Automated Wheelchair Navigation and Health Monitoring Through Open-Computer Vision Using Raspberry” at the project exhibition in JNNCE, Shivamogga.		
Members of BoS, BoE or any other			
Grants/Funding received (Project, agency, amount, year)	1. Received funding from <b>KSCST</b> for “Optimized 2-Bit VCO Design for Multiband Wireless Communication Applications Using Cadence Tools, of <b>Rs: 4500/-</b> Ref: 48S_BE_1941. 2. Received funding from <b>VTU</b> for innovative projects “Automated		

	<p>Wheel Chair Navigation And Health Monitoring Through Open-Computer Vision Using Raspberry’ of <b>Rs: 5000/-</b> Ref: VTU/Aca./A4/2021-22/2631/14</p> <p>3. Received funding from <b>KSCST</b> for “Design and Development of Automated Wheel Chair Navigation And Health Monitoring Through Open-Computer Vision Using Raspberry’ of <b>Rs: 8000/-</b> Ref: 44S_BE_1056.</p>
<b>Industry Interactions, Professional Institutions, MoUs</b>	