


## FACULTY PROFILE

<b>Name</b>	:	<b>Basavaraju S. Hadapad</b>	
<b>Designation</b>	:	<b>Assistant Professor</b>	
<b>Department</b>	:	<b>Electrical and Electronics Engg.</b>	
<b>Employee ID</b>	:	<b>607</b>	
<b>E mail ID</b> (College official ID), (Personal mail ID)	:	<a href="mailto:bshee@becbgk.edu">bshee@becbgk.edu</a> <a href="mailto:basavaraju.hadapad@ieee.org">basavaraju.hadapad@ieee.org</a>	
<b>Contact details</b>	:	<b>9632895082</b>	
<b>Orcid ID</b>	:	<b>0000-0001-6178-5655</b>	
<b>Scopus ID</b>	:	<b>57539172500</b>	
<b>Vidwan Id</b>	:		
<b>Researcher ID (Web of Science)</b>	:		
<b>Google Scholar ID</b>	:	<b>g8rYKyoAAAAJ</b>	
<b>Qualification</b>	:	<b>M.Tech</b>	
<b>Professional Experience</b>	:	<b>Industry : Nil</b>	
Teaching experience	:	<b>Teaching Experience: 06 Yrs</b>	
Industry experience	:		
<b>Administrative Responsibilities</b>	:	Dept. Level Responsibilities 1. Internal Assessment Coordinator 2. IIC Coordinator and 3. Placement Coordinator	
<b>Teaching</b>	:		
<b>No. of Projects Guided</b>	:	<b>10</b>	
UG	:	<b>00</b>	
PG	:		
<b>Research Interest Area</b>	:		
<b>Journals (with citations)</b>	:	1. Basavaraju S. Hadapad and Raghuram L. Naik, "A simple	

		<p>approach for the computation of magnetic characteristics of 4-phase switched reluctance motor”, International Journal of Power Electronics and Drive Systems (IJPEDS), Vol. 15, No. 1, March 2024, pp. 136-146.</p> <p>2. Hadapad Basavaraju, Naik R. L., “FPGA Implementation for Speed Controlling of 8/6 Switched Reluctance Motor using PI Controller”, International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Vol.9, Issue-2, pp.1286-1291, December 2019.</p>
<b>Conferences</b>	:	<p>1. Basavaraju S. Hadapad, “Design and Development of Dyno-Solar Powered E-Bicycle”, First International Conference on Multi-Disciplinary Research Trends in Engineering and Technology, held on March 12-13, 2024 at SKSVMACET, Laxmeshwar.</p> <p>2. Basavaraju S. Hadapad and Raghuram L. Naik, “An Investigation on Torque Control Strategies for Switched Reluctance Motor”, 5th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques, December 10th -11th, 2021, Mysore, India.</p> <p>3. B. S. Hadapad, Pradeep V, “Designing of Micro Controller based Charge Controller for SPV powered Electric Vehicle”, National Conference on Emerging Trends in Engg. and Technology, ISSN: 0975 – 6736, SIF: 02.798.</p> <p>4. Pradeep V, B.S Hadapad, “Battery Charge Controller for Micro Inverter Applications using Buck-Boost and Push-Pull Converters”, National Conference on Emerging Trends in Engg. and Technology ISSN: 0975 – 6736, SIF: 02.798.</p>
<b>Invited Talks</b>	:	<p>Talk on “Empowering Electric Mobility and Innovation” on 20.05.2024 during IEEE PES day organised by the Dept. of E&amp;EE, BEC, Bagalkot.</p>
<b>Events Organized</b>	:	--
<b>Conferences/ Symposiums/ Workshops/ Training Programs Attended</b>	:	<p><b>WORKSHOPS and FDPs ATTENDED</b></p> <p>1. Two weeks short term training program on “Research Writing, Funding Proposal Development and Patent Drafting”, Jointly organized by Vidya Vihar Institute of Technology, Purnea, Bihar, India &amp; RSP Science Hub, Coimbatore, Tamil Nadu, India during July 08- 20, 2024.</p> <p>2. Five Days Faculty Development Program on “Integration</p>

	<p>of Smart Energy Systems for Intelligent Control of Power Networks” from 26<sup>th</sup> to 30<sup>th</sup> September 2023 at KLE Technological University, Dr. M. S. Sheshagiri Campus, Belagavi.</p> <ol style="list-style-type: none"> <li>3. Two Days National Level Symposium on “Emerging Trends in Smart System” from 8<sup>th</sup> to 9<sup>th</sup> September 2023 at Basaveshwar Engineering College (Autonomous), Bagalkot.</li> <li>4. Five Days online faculty development program on “Inculcating Universal Human Values in Technical Education” from 21<sup>st</sup> to 25<sup>th</sup> August 2023 jointly organized by All India Council for Technical Education.</li> <li>5. Five Days online faculty development program on “Innovative Teaching and Learning Pedagogy” from 26<sup>th</sup> to 30<sup>th</sup> July 2023 jointly organized by Shri Shradha Nath PG College, Rajasthan and Research Foundation of India.</li> <li>6. Five Days workshop on “Electric Power Grid Modernisation: Trends, Challenges and Opportunities” from 20<sup>th</sup> to 24<sup>th</sup> July 2020 at The National Institute of Engineering, Mysore.</li> <li>7. Three Days Online Faculty Development Program on “Trends and Challenges in Next Generation Energy Technologies” from 10<sup>th</sup> to 12<sup>th</sup> June 2020 organized by Jain College of Engineering, Belagavi.</li> <li>8. Ten Days workshop on “Research Methodology” from 3<sup>rd</sup> to 12<sup>th</sup> January 2020 at VTU Center for Post-Graduation Studies, Muddenahalli, Chikkaballapur district</li> <li>9. Two-Day workshop on “Soft Tools for Research to Enhance Research Productivity” from 11<sup>th</sup> to 12<sup>th</sup> October 2019, at Basaveshwar Engineering College (Autonomous), Bagalkot.</li> <li>10. Five days Faculty Development Program on “Electric Vehicle – Electric Machine Drives, Power Converters and Latest Technologies” from 22<sup>nd</sup> to 26<sup>th</sup> July 2019 at Basaveshwar Engineering College (Autonomous), Bagalkot.</li> <li>11. Two weeks Faculty Development Program on “Application of MATLAB/SIMULINK in Control and Power</li> </ol>
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	<p>System Engineering” from 19<sup>th</sup> November to 2<sup>nd</sup> December 2017 at B.L.D.E.A’s Vachana Pitamaha Dr. P.G. Halakatti College of Engineering and Technology, Vijayapura.</p> <ol style="list-style-type: none"> <li>12. Three days Faculty Development Program on “Research Thrust in Renewable Energy” from 27/01/2016 to 29/01/2016 at GSSS Institute of engineering and technology for women at Mysuru.</li> <li>13. Two days National Symposium on “Sustainable Energy Technologies for Academic Campuses” from 5<sup>th</sup> to 6<sup>th</sup> June 2015, at Basaveshwar Engineering College (Autonomous), Bagalkot.</li> <li>14. One-day workshop on “Young Researchers Meet” on 5<sup>th</sup> December 2015, at Basaveshwar Engineering College, Bagalkot.</li> <li>15. One day Symposium on “Emerging Technological Trends in Power Engineering” on 15<sup>th</sup> November 2014, at Basaveshwar Engineering College (Autonomous), Bagalkot.</li> </ol> <p><b>WEBINAR ATTENDED</b></p> <ol style="list-style-type: none"> <li>1. Industry Webinar on Future Grid Technologies held on 25<sup>th</sup> September 2021 by the Dept. of E&amp;EE, Basaveshwar Engineering College, Bagalkote.</li> <li>2. Industrial Webinar on Automation and Digitalization with Industry 4.0 conducted on 17<sup>th</sup> July, 2021 by the Dept. of E&amp;EE, Basaveshwar Engineering College, Bagalkote.</li> <li>3. International Webinar on Electric Vehicles: Design, Development and Testing conducted on 4<sup>th</sup> July, 2020 by the Dept. of E&amp;EE, Basaveshwar Engineering College, Bagalkote.</li> <li>4. One-week International Webinar Series on Power System Engineering and Electric Vehicles organized by Dept. of EEE, V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapura during 08.06.2020 to 12.06.2020.</li> <li>5. Industrial Webinar on Power Electronics for Renewable Energy conducted on 25<sup>th</sup> June 2020 by the Dept. of</li> </ol>
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		E&EE, Basaveshwar Engineering College, Bagalkote.
<b>Awards and Honors</b>	:	Rs. 5000.00 is received from Karnataka State Council for Science and Technology during the year 2016 – 2017 (40 <sup>th</sup> Series) for the student project entitled “Design and Fabrication of Single-Phase Grid Connected PV Inverter with Net-Metering” <b>Role: Project Guide</b>