


## FACULTY PROFILE

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<b>Designation</b>	<b>:</b> <b>Associate Professor</b>	
<b>Department</b>	<b>:</b> <b>Mechanical Engineering</b>	
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<b>Google Scholar ID</b>	<b>:</b> <b>exzrxCYAAAAJ</b>	
<b>Qualification</b>	<b>:</b> <b>M Tech. (Ph.D)</b>	
<b>Professional Experience</b>		
Teaching experience	<b>:</b> <b>26 years</b>	
<b>Administrative Responsibilities</b>	<b>:</b> <ol style="list-style-type: none"> <li>1. Member AICTE - IDEA Lab B.E.C. Bagalkote</li> <li>2. Member Academic Council B.E.C. Bagalkote</li> <li>3. Member Secretary, Task force committee, NEP-2020 Mechanical Engineering Department, B.E.C. Bagalkote</li> <li>4. Coordinator: Center for Entrepreneurship Development, BEC Bagalkote.</li> <li>5. Coordinate BEC-Bosch Artesian Training Center</li> <li>6. Coordinator Admission Inquiry B.E.C. Bagalkote</li> <li>7. Member, Board of Studies (BOS), Mechanical Engineering Department, B.E.C. Bagalkote</li> </ol>	
<b>Teaching</b>	<b>:</b>	
<b>No. of Projects Guided</b>		
UG	<b>:</b> <b>15</b>	
<b>Research</b>		
Interest Area	<b>:</b> 1. Green Supply Chain Management	
<b>Publications</b>	<b>:</b>	

<b>Journals (with citations)</b>	<b>:</b>	<ol style="list-style-type: none"> <li>1. Patil, H. R., Javalagi, C. M. &amp; Bhushi U. M (2010 “Statistical Modeling of Steam Generation For Cogeneration in Indian Sugar Industry A Case Study” Cogeneration and Distributed Generation Journal, vol. 25, no.1, pp. 18-34, , (5)</li> <li>2. Patil, H. R., Javalagi, C. M., Bhagavati M.T, &amp; P Venkumar (2018) “A Study on Green Supply Chain Initiatives in SME’s of North Karnataka” IJSTE - International Journal of Science Technology &amp; Engineering   Volume 4   Issue 11   May 2018 ISSN (online): 2349-784X (1)</li> <li>3. Patil, H. R., Javalagi, C. M., Bhagavati M.T, &amp; P Venkumar (2019) “Integrated Supply Chain Automation using Blockchain” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-2S2.</li> <li>4. Patil, H. R., &amp; Javalagi, C. M. (2020). “Analysis of key performance indicators for sustainable manufacturing in sugar industry using analytical hierarchy process.” Indian Journal of Engineering &amp; Materials Sciences, 27, 959-963.(4)</li> </ol>
<b>Conferences</b>	<b>:</b>	<ol style="list-style-type: none"> <li>1. Volumetric &amp; Economic Analysis of Cane Trash for Cogeneration in Sugar Industries</li> <li>2. Impact of Bagasse parameters on steam generation: A regression analysis</li> <li>3. A Study of Green Supply Chain Initiatives by a Leading Passenger Car Manufacturer In India – A Review. International conference on emerging technologies in mechanical sciences (icems-2016)</li> <li>4. Patil, H. R., &amp; Javalagi, C. M., "Interpretive Structural Modeling: A Tool for Analyzing Green Supply Chain Management Barriers In SMEs," 2022 Advances in Science and Engineering Technology International Conferences (ASET), 2022, pp. 1-5, doi: 10.1109/ASET53988.2022.9735028.</li> </ol>
<b>Invited Talks</b>	<b>:</b>	<ol style="list-style-type: none"> <li>1. SPIU Karnataka and NPIU two day workshop on AICTE examination reforms for the faculty of UP, Odisha and Karnataka,7-8 December 2020.</li> <li>2. AICTE examination reforms workshop for school of engineering, CUSAT, Kochi 18-19 February 2021.</li> </ol>
<b>Events Organized</b>	<b>:</b>	<ol style="list-style-type: none"> <li>1. Coordinator for TEQIP-II sponsored two day Faculty Development Programme on “Data analysis and Statistical Software” organized in the Department of Industrial and Production Engineering, Basaveshwar Engineering College, Bagalkot.</li> <li>2. Student development program on Entrepreneurship Awareness organized under TEQIP-III</li> <li>3. Workshop on Soft Tools For Researchers To Enhance Research Productivity organized under TEQIP-III</li> <li>4. Awareness Program on Carpentry Tools &amp; Skill for non-teaching staff of the BEC, organized under BEC-Bosch Artisan training center.</li> </ol>
<b>Conferences/ Symposiums/ Workshops/ Training Programs Attended</b>	<b>:</b>	<ol style="list-style-type: none"> <li>1. Industrial policy &amp; Management, IISc Bangalore, 10-14.05.1999.</li> <li>2. Technical Education and Challenges in the New Millennium, ISTE and BEC Bagalkot, 03-04.1.2001</li> <li>3. Recent Trends in Renewable Energy Sources, BEC Bagalkot, 03-15.09.2001</li> <li>4. Advances in Casting and Welding Technology, BEC Bagalkot, 24.09.2001-06.10.2001</li> <li>5. Processing of Composite Materials, BEC, Bagalkot, 26.8.2002-07.09.2002</li> <li>6. Industrial Policy and Development in India: Current Issues, IISc Bangalore,16-20.12.2002</li> <li>7. Agile Manufacturing to Strengthen Domestic/ Global Competitiveness, CagMa, Bangalore, 25-27.02.2003</li> </ol>

	<ol style="list-style-type: none"> <li>8. Futuristic Materials and Their Applications, BEC, Bagalkot, 18-30.08.2003</li> <li>9. Feel Facilitator certification in HRD, BEC, Bagalkot, 23.10.2003 - 1.11.2003</li> <li>10. National Conference on Advances in Materials and their processing, BEC, Bagalkot, 23-24.12.2003</li> <li>11. Fundamentals of cryogenic technology, IISc Bangalore, 17-21.11.2003</li> <li>12. Learning Organization and Knowledge Management in Technical Education BEC, Bagalkot, 16-21.02.2004</li> <li>13. Intellectual Property Rights Studies, BEC, Bagalkot, 17-18.02.2006</li> <li>14. Applied Mathematics, Dept of Mathematics BEC, Bagalkot, 0308.04.2006</li> <li>15. Counselling Techniques, BEC, Bagalkot, 25.08.2006</li> <li>16. SPSS Package, BIMS Bagalkot, 05.12.2006</li> <li>17. Recent trends in Industrial Engineering, Industrial &amp; Production Engineering, BEC, Bagalkot 26-02.02.2007</li> <li>18. National Conference on World Class Manufacturing Practices, Industrial &amp; Production Engineering BEC, Bagalkot, 02-03.04.2007</li> <li>19. Material Development, Manufacturing and Characterization, Mechanical Engineering BEC, Bagalkot 16-21.04.2007</li> <li>20. Collab CAD Refresher Course, National Information Center New Delhi, 04-07.06.2007</li> <li>21. International conference on 3modeling and simulation, Dept Of Chemical Engineering Coimbatore Institute of Technology, 27-29.08.2007</li> <li>22. Management and Entrepreneurship, Mechanical Engineering BEC, Bagalkot, 22-24.08.2008</li> <li>23. Multivariate Data Analysis, Indian Institute of Technology Kharagpur, 03.06.2013</li> <li>24. Modern Aspects of Intellectual Solutions on Publications, Patents, and Personal Management, BEC, Bagalkot, 07.12.2013</li> <li>25. Integrated Six Sigma Green Belt and Design for Six Sigma, BEC, Bagalkot, 20-30.01.2014</li> <li>26. Effective Leadership for Excellence, International Academy for Competency Enhancement, Bangalore, 08-09.02.2014</li> <li>27. Intellectual Property Rights Awareness Programme, VTPC, Dharwad, 05.12.2014</li> <li>28. Outcome Based Education, BEC, Bagalkot, 18.12.2015</li> <li>29. Management Capacity Enhancement Programme, Indian Institute of Management Trichy, 20-24.06.2016</li> <li>30. Three day training workshop for faculty mentors “Induction Programme for new students”, Harcourt Butler Technical University, 22-24.09.2017</li> <li>31. Research Methodology and Data Analysis Using Statistical Package for Social Science (SPSS) &amp; Analysis of Moment Structures(AMOS). Primax Foundation Bengaluru, 25-26.08.2018</li> <li>32. System Thinking and Applications, BEC, Bagalkot, 12-30.10.2018</li> <li>33. Train the trainers on examination reforms, organized by BVB College of Engineering &amp; Technology Hubballi. 20-22. 01.2020</li> <li>34. Open core smart manufacturing building the bridge between automation and information technology. Organized by the department of mechanical engineering IIT Madras.</li> <li>35. Adv.FDP on IDEA lab Smart Manufacturing. . Organized by College of engineering Pune.</li> </ol>
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