


1.

<b>FACULTY PROFILE</b>		
<b>Name</b>	:	Gopinath Rathod 
<b>Designation</b>	:	Assistant Professor (Selection Grade)
<b>Department</b>	:	Mechanical Engineering
<b>Employee ID</b>	:	TME018
<b>E mail ID</b> (College official ID), (Personal mail ID)	:	ghrme@becbgk.edu <a href="mailto:gopinath.rathod@gmail.com">gopinath.rathod@gmail.com</a>
<b>Contact details</b>	:	Plot No. B 81, Sector No. 48, Navanagar Unit-I, BAGALKOT-587103
<b>Orcid ID</b>	:	0000-0002-4222-098X
<b>Scopus ID</b>	:	35331032000
<b>Vidwan Id</b>	:	70908
<b>Researcher ID (Web of Science)</b>	:	AAF-8832-2021
<b>Google Scholar ID</b>	:	ZEKIbFoAAAAJ
<b>Qualification</b>	:	M. Tech (Industrial Engineering)
<b>Professional Experience</b>	:	
Teaching experience	:	18
<b>Administrative Responsibilities</b>	:	<ol style="list-style-type: none"> <li>1. Worked as a Departmental TEQIP Phase II and III Coordinator</li> <li>2. Working as a Departmental Training and Placement Coordinator from 2019 to till date</li> <li>3. Worked as a Departmental Library Coordinator from 2004 to 2007</li> <li>4. Worked as a Departmental MEA coordinator from 3011-12 and 2016-17</li> <li>5. Worked as a CIE member for the academic year 2013-14</li> <li>6. Working as a Member for college level SC/ST and BCM Cell (Academic Year 2015-16 to till date)</li> <li>7. Worked as a anti ragging squad member</li> <li>8. Worked as a VTU exam squad member</li> <li>9. Worked as a VTU exam's external coordinator for BLDEA's CET Vijayapur and TCE Gadag</li> <li>10. Worked as a Departmental BoE member for the academic year 2018-19</li> <li>11. Worked in college level stock verification cell</li> <li>12. Worked as a VTU valuation center @ BEC BGK member coordinator for the academic year 2010-11</li> </ol>

		<ol style="list-style-type: none"> <li>13. Worked as a BEC (Autonomous) Valuation coordinator for the academic year 2011-12.</li> <li>14. Worked as a College level first year Induction Programme member coordinator for the academic year 2004-05, 2005-06 and 2006-07</li> <li>15. Worked as a department level first year Induction programme member coordinator for the academic year 2017-18</li> <li>16. Worked as a Departmental BoS member for the academic year 2013-14 and 2014-15</li> <li>17. Worked as a departmental NBA SAR preparation committee member</li> <li>18. Worked as College level Convocation programme member for the academic year 2014-15 and 2018-19</li> </ol>
<b>Teaching</b>	:	
<b>No. of Projects Guided</b>		
UG	:	24
PG	:	16
<b>Research Interest Area</b>	:	<ol style="list-style-type: none"> <li>1. Sustainable product development and assessment</li> <li>2. Applying Fuzzy logic approach to solve managerial problems</li> <li>3. Finding the advancement in Lean Manufacturing and Six sigma</li> <li>4. Life Cycle Assessment of Products</li> <li>5. Environmentally Conscious Product design and development</li> <li>6. Rapid prototyping</li> </ol>
<b>Journals (with citations)</b>	:	<ol style="list-style-type: none"> <li>1. “Application of QFD for enabling environmentally-conscious design in an Indian rotary switch manufacturing organization” International Journal of Sustainable Engineering (IJSEE), Vol. 3, No. 2, 2010, pp 95-105. (Citations 10)</li> <li>2. “Integration of ECQFD and LCA for sustainable product design” International Journal of Cleaner Production (JCP), Vol. 18, No. 8, 2010, pp 833-842. (Citations 165)</li> <li>3. “Application of ECQFD for enabling environmentally conscious design and sustainable development in an electric vehicle” Clean Technologies and Environmental Policy Vol.13, No.2, 2011, pp 381-396 (Citations 30)</li> <li>4. “Integration of ECQFD and LCA for enabling sustainable product design in an electric vehicle manufacturing organisation” International Journal of Sustainable Engineering Vol. 4 No.3, 2011, pp 202-214 (Citations 13)</li> <li>5. “Application of QFD for supplier selection in an Indian electronics switches manufacturing organization” International Journal of Indian Culture and Business Management (IJICBM), Vol. 4, No. 2, 2011, pp 181-198(18). (Citations 08)</li> <li>6. Application of fuzzy logic-based environmental conscious QFD to rotary switch: a case study” Clean Technologies and Environmental Policy Vol.14, No.2, 2012, pp 319-332 (Citations 07)</li> <li>7. “Application of life cycle assessment and Monte Carlo simulation for enabling sustainable product design“ Journal of Engineering, Design and Technology Vol.12 No.3,2014, pp 307-315 (Citations 16)</li> </ol>

		<ol style="list-style-type: none"> <li>8. “Life cycle assessment and simulation: Enablers of sustainable product design” International Journal of Research in Engineering and Technology, Vol.3 No.3,2014, pp 851-855 (Citations 02)</li> <li>9. “Developing agility system in supply chains”, International Journal of Business and Systems Research Vol. 13 Issue. 2, 2019, pp. 247-258 (Citations 02)</li> <li>10. “Application of QFD for Enabling Environmentally Conscious Design”, ICORD 11: Proceedings of the 3rd International Conference on Research into Design Engineering, Bangalore, India, 10.-12.01. 2011, pp. 457-463(Citations 02).</li> <li>11. “Particle Swarm Optimization for Scheduling of Machines and AGVs in FMS”, International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6 Issue 6, June 2017.</li> </ol>
<p><b>Conferences</b></p>	<p>:</p>	<ol style="list-style-type: none"> <li>1. “Amalgamation of QFDE and LCA for sustainable product design”, International Conference on Total Engineering, Analysis &amp; Manufacturing Technologies (TEAM TECH 2009), Jnana Jyothi Auditorium, Bangalore, Nov. 19-21, 2009. Abstract has been published in the conference proceedings.</li> <li>2. “QFD application for enabling environmentally conscious design”, The 7<sup>th</sup> Global CIRP Conference on Sustainable Manufacturing held at Indian Institute of Technology Madras, Chennai, 2-4 December 2009. Paper has been published in the Conference proceedings pp. 255-260.</li> <li>3. “Application of Fuzzy QFD for Supplier Selection Process”, 5<sup>th</sup> International Conference on Supply Chain Management held at PSG Institute of Management, Coimbatore, 3 – 5 August 2010. Abstract has been published in the conference proceedings.</li> <li>4. “Application of QFD for enabling environmentally conscious design”, 3<sup>rd</sup> International Conference on Research into Design ICORD 11 held at IISc Bangalore.</li> <li>5. “Application of ECQFD for enabling environmentally conscious design”, International Conference on Research in Electrical, Electronics and Mechanical Engineering (ICREEME) at Dehradun on 26<sup>th</sup> April 2014.</li> <li>6. “Amalgamation of mass customization and agile manufacturing concepts in an Indian manufacturing organization”, International Conference on Current Innovation in Engineering and Technology held at Chennai on 17<sup>th</sup> April 2016.</li> <li>7. “An experimental investigation on Mac inability of Waspaloy” at 52<sup>nd</sup> IRF International Conference held at Pune on 17<sup>th</sup> April 2016</li> <li>8. “Environmentally Conscious Product Design Using CAD and CAE” at 52<sup>nd</sup> IRF International Conference held at Pune on 17<sup>th</sup> April 2016</li> <li>9. “Agility through Rapid prototyping technology – A review”, Two days National Conference on Analysis, Design, Optimization, Manufacturing and Simulation (NCADOMS – 2016) held at Basavakalyan Engineering College, Basavakalyan held during 29<sup>th</sup> and 30<sup>th</sup> April, 2016.</li> <li>10. “Axiomatic modeling of agility in supply chains” International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences (AMMMT 2016), held during 23<sup>rd</sup> – 24<sup>th</sup> September 2016.</li> <li>11. “A comprehensive study on sustainable manufacturing system by developing an axiomatic modeling”, National conference on Excellence in design, manufacturing and automation (NCEDMA-2018) held at DKTE Society’s Textile and</li> </ol>

		<p>Engineering Institute, Ichalkaranji during 26<sup>th</sup> and 27<sup>th</sup> April 2018.</p> <ol style="list-style-type: none"> <li>12. “A comprehensive study on sustainable manufacturing system by developing an axiomatic modeling”, National conference on Excellence in design, manufacturing and automation (NCEDMA-2018) held at DKTE Society’s Textile and Engineering Institute, Ichalkaranji during 26<sup>th</sup> and 27<sup>th</sup> April 2018.</li> <li>13. “Design and development of supply chain agility assessment model for a manufacturing organization”, National conference on Excellence in design, manufacturing and automation (NCEDMA-2018) held at DKTE Society’s Textile and Engineering Institute, Ichalkaranji during 26<sup>th</sup> and 27<sup>th</sup> April 2018.</li> <li>14. “Fuzzy logic based leanness assessment and its decision support system”, National conference on Excellence in design, manufacturing and automation (NCEDMA-2018) held at DKTE Society’s Textile and Engineering Institute, Ichalkaranji during 26<sup>th</sup> and 27<sup>th</sup> April 2018.</li> <li>15. “Computer aided design and rapid prototyping: Enablers of agile product development”, National conference on Excellence in design, manufacturing and automation (NCEDMA-2018) held at DKTE Society’s Textile and Engineering Institute, Ichalkaranji during 26<sup>th</sup> and 27<sup>th</sup> April 2018.</li> <li>16. “A case study on improvement of agility and sustainability for a manufacturing organization”, National conference on Excellence in design, manufacturing and automation (NCEDMA-2018) held at DKTE Society’s Textile and Engineering Institute, Ichalkaranji during 26<sup>th</sup> and 27<sup>th</sup> April 2018.</li> </ol>
<b>Events Organized</b>	:	<ol style="list-style-type: none"> <li>1. Organized one week Student Development Programme on “Modelling and Meshing of Engineering Problems” from 19-23 November 2013.</li> <li>2. Organized two weeks TEQIP-II sponsored Faculty Development Programme on “Integrated Six Sigmas-Green Belt and Design for Six Sigma (DFSS)” from 20-30 January 2014.</li> </ol>
<b>Conferences/ Symposiums/ Workshops/ Training Programs Attended</b>	:	<ol style="list-style-type: none"> <li>1. “Induction Training Programme for Newly Recruited Polytechnic/Engineering College Teachers”, Department of technical Education Banaglore and BVVS Polytechnic Bagalkot, 14 - 25 July 2003.</li> <li>2. “Futuristic Materials and their applications”, Basaveshwar Engineering College, Bagalkot, 18-30, August, .2002.</li> <li>3. “The Art and Science of Teaching engineering”, Nitte Institue of Technology, Yelahanka, Bangalore, 12 -24 January 2004.</li> <li>4. “Learning organization and knowledge management in Technical Education”, Basaveshwar Engineering College, Bagalkot, 16 - 21, February, .2004.</li> <li>5. ‘Instructional Design and delivery”, National Institute of Technical Teachers Training and Research, Chennai and Basaveshwar Engineering College, Bagalkot, 08-13, August, .2005.</li> <li>6. ‘Power Electronics Application to Renewable Energy Systems”, Basaveshwar Engineering College, Bagalkot, 17 – 22 October 2005.</li> <li>7. ‘Recent Trend in Applications of Finite Element Analysis’, Basaveshwar Engineering College, Bagalkot, 6 – 11 March 2006.</li> </ol>

	<ol style="list-style-type: none"> <li>8. 'Advances in Turbomachines', Malnad College of Engineering, Hasan, 11 – 15 September 2006.</li> <li>9. 'Engineering Faculty Development Programme in Mechanical Engineering Cluster', BMS College of Engineering, Bangalore, 5 – 10 February 2007.</li> <li>10. 'Recent Trends in Industrial Engineering', Basaveshwar Engineering College, Bagalkot, 26 February – 02 March 2007</li> <li>11. 'Lean and Agile Manufacturing, National Institute of Technology, Tiruchirappalli, 07 – 11 December 2009.</li> <li>12. 'Logistics and Supply Chain Management for Total Business Excellence', M. S. Ramaiah Institute of Technology, Bangalore, 18 – 30 June 2012.</li> <li>13. 'TRIZ and Taguchi methods using Innovation and Optimization, IIT Bombay', 11 – 16 August 2012.</li> <li>14. 'Innovations and Creativity in Teaching and Learning', BVVS Polytechnic Bagalkot, 25 - 29 September 2012.</li> <li>15. 'Recent Trends in Renewable Energy Sources and Emerging Technologies, BVVS Polytechnic Bagalkot, 28 May – 07 June 2013.</li> <li>16. 'Industry Certification Faculty Development Program on Industrial Automation', organized by SIMS (silicon Micro Systems) Bangalore under Industry Institute Interaction plan from 2-7 September 2013.</li> <li>17. 'Managerial Effectiveness Focus:Emotional Intelligence' Jaipur Productivity Centre (JPC) Jaipur from 21-25 October 2013.</li> <li>18. 'Modern Aspects of Intellectual Solutions on Publications, Patents, and Personnel Management', organized by Department of Industrial and Production Engineering, Basveshwar Engineering College Bagalkot on 7<sup>th</sup> Dec 2013.</li> <li>19. 'Composites and Their Applications', organized by Department of Mechanical Engineering, Basveshwar Engineering College Bagalkot from 14-15 March 2014.</li> <li>20. 'Orientation Programme on Entrepreneurship Development and Implementation of DEBM Programme', jointly organized by Entrepreneurship Development Institute of India and BVVS, Bagalkot from 26 to 27 August 2015.</li> <li>21. 'Faculty Development Programme' organized by Teaching Learning Centre, IIT Madras, from 12 to 14 October 2015.</li> <li>22. 'Workshop on Outcome Based Education', organized by Basveshwar Engineering College Bagalkot on 8 December 2015.</li> <li>23. 'Enhancing Managerial Effectiveness for faculty members of BEC', organized by IIM Kozhikode, from 26-28 September, 2016.</li> <li>24. 'Empowering Teachers to Enrich Students', organized by Basveshwar Engineering College Bagalkot from 02-04 December 2016.</li> <li>25. 'Human Values and Ethics', organized by Department of Mechanical Engineering, BVVS Polytechnic Bagalkot, 03-14 October 2017.</li> <li>26. Driven Innovation &amp; Entrepreneurship' organized by IIT Bombay at Basaveshwar Engineering College, Bagalkot from 15-19 February 2017.</li> <li>27. 'End to End Innovation', organized by IIT Mubai, from 19-24 February 2018.</li> <li>28. 'Academic Leadership Through Emotional Intelligence', organized by Basveshwar Engineering College Bagalkot on 15<sup>th</sup> June 2018.</li> </ol>
--	---

		<p>29. 'Recent Developments in Advanced Composite Materials, Manufacturing and Sustainability', organized by Poojya Doddappa Appa College of Engineering Kalburgi, from 10-12 January 2020.</p> <p>30. 'Current Practices and Critical Issues for OBE in Engineering Education/Institutions', organized by Basaveshwar Engineering College, Bagalkot from 27 January to 7 February 2020.</p> <p>31. 'AICTE Examination Reform Policy', organized by Basaveshwar Engineering College, Bagalkot from 14 -15 february 2020.</p> <p>32. 'NBA and NAAC Accreditation Process', organized by M S Ramaiah Institute of Technology, Bangalore, from 4 – 8 June, 2020.</p> <p>33. 'Advances in Automotive Mechatronics', organized by R V College of Engineering, Bangalore from 27 to 31 July, 2020.</p> <p>34. 'Developing Research and Development Culture in Industry Institute Interaction Oriented Modern Teaching Learning and Project Based Learning', organized by Francis Xavier Engineering College, Tirunelveli, Tamilnadu from 14 – 19 September, 2020.</p> <p>35. 'Future of Industrial Automation (FIA 2020)', organized by SLIET, Longowal, Punjab from 05 – 10 October, 2020.</p>
<p><b>Awards and Honors</b></p>	<p>:</p>	<ol style="list-style-type: none"> <li>1. National Institute of Technology Tiruchirappalli awarded <b>Academic Proficiency Prize</b>, for obtaining 2<sup>nd</sup> rank in M. Tech First year during the academic year 2008-2009.</li> <li>2. National Institute of Technology Tiruchirappalli awarded <b>Academic Proficiency Prize</b>, for obtaining 1<sup>st</sup> rank in M. Tech Second year during the academic year 2009-2010.</li> <li>3. Awarded as a Excellent Paper for the paper entitled "An Experimental Investigations on Machinability of Waspaloy" at the 52<sup>nd</sup> IRF International Conference held at Pune, India on 17<sup>th</sup> April 2016."</li> </ol>