


FACULTY PROFILE

Name	: Dr. Shobha R. Patil	
Designation	: Professor	
Department	: Information Science and Engineering	
Employee ID	: TIS025	
E mail ID (College official ID), (Personal mail ID)	: srpatil19@gmail.com srpis@becbgk.edu srpatil19@gmail.com	
Contact details	: Professor, Dept of ISE Basaveshwar Engg College Bagalkot-587102	
Orcid ID	: 0000-0002-1196-0731	
Scopus ID	: 57216288861	
Vidwan Id	: 125007	
Researcher ID (Web of Science)	:	
Google Scholar ID	: G1iL3S8AAAAJ	
Qualification	: BE, M Tech, Ph. D	
Professional Experience		
Teaching experience	: 20 years	
Industry experience	:	
Administrative Responsibilities	: 1. Head of the Department of Information Science and Engg. 2. Working as a warden for ladies Hostel 3. Universal Human Values Cell coordinator	
No. of Projects Guided		

UG		40
PG	:	06
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Research Interest Area	:	Image Processing and pattern recognition
No. of Research Scholars Pursuing	:	03
Awarded	:	00
Publications Books/Chapters	:	"Effective Dimensionality Reduction in Pattern Recognition", bearing ISBN 978-3-659-61955-7, Lambert Academic Publishing, Germany
Conferences	:	<ol style="list-style-type: none"> 1. Dr. Shobha R. Patil & Prof. B. S. Anami, Prof. S. A. Angadi, Prof. V. B. Pagi. "Invariant moment method for leaf image recognition" "National Conference on Documents Analysis and recognition" April 12- 14, 2001 2. Dr. Shobha R. Patil & Prof. B. S. Anami "Leaf Image recognition through ICT" "Appropriate extension strategies for management of rural resources" Simce, December, 18-20 2007 3. Dr. Shobha R. Patil & Geeta Channal "An Internet Technology approach for the betterment of farmers" " Appropriate extension strategies for managements of rural resources, since December 18-20 - 2007 4. Dr. Shobha R. Patil & Smt Savitri patil Survey on Approaches used for image Quality Assessment" "International Conference on Energy Communication, Data Analytics and Soft computing (ICECDS 2017) IEEE conference held on 1-2 Aug 2017 published on 18.06.2017" ISBN:: 978-15386-1887-5(online) ISBN: 978-1-5386-1888-2-(print) 5. Dr. Shobha R. Patil & Smt Savitri patil, "Enhancement of Feature Extraction in Image quality" Proceedings of the Third International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC 2019) IEEE Xplore Part Number:CFP19OSV-ART; ISBN:978-1-7281-4365-1. 6. Veena patil & Dr. Shobha Patil, Detection of nuclei cell in histopathological images of Uterine Cancer: International Conference on Trends in Electronics and Informatics (ICOEI-2020) 15th to 17th June 2020, organized by SCAD, College of Engg and Tech., Tirunelveli, Tamilnadu.

Invited Talks	:	<ol style="list-style-type: none"> 1. Delivered a talk on UHV to MBA I year student's Orientation program scheduled from 11-2-21 to 12-2-21 2. Delivered a talk on Universal Human values for first year BE students in induction program held during 2019-20 3. Delivered a talk on Universal Human values for first year BE students in induction program scheduled from 14-12-2020 to 19-12-2020 in online mode 4. Worked as resource person for the workshop on Exam reform policy for Engg colleges of Karnataka,UP,Orissa , from 7-8th Dec 2020, organized by SPIU-NPIU, New Delhi 5. Worked as resource person for the workshop on Exam reform policy for CUOST,Kochi,Kerala , from 18th -19th Feb 2021, organized by TEQIP-III New Delhi . 6. Delivered a talk on Universal Human values for first year BE students in induction program scheduled from 1-2-2021 to 6-2-2021 to(late admitted) in offline mode 7. Delivered a talk on statistical methods for data mining for students of Rajakiya Engg college Bijnur student internship program held on Jjuly 2019, organized under TEQIP at Basaveshwar Engg. College , Bagalkot. 8. Delivered a lecture in SDP on software testing for the students of E&C department, held during 2006-07.
Events Organized	:	<ol style="list-style-type: none"> 1. Coordinator of Faculty Development Programme on "Research Avenues in Information Technology", organized for Faculty of Engineering Colleges and Research Scholars, under TEQIP – III, during June 03 -07, 2019. 2. Coordinator for Student induction programme from 01-12-2022 to 10-12-2022 to first year Engineering students. 3. Coordinator for Student induction programme from 20-12-2021 to 28-12-2021 to first year Engineering students. 4. Coordinator for Student induction programme from 14-12-2020 to 19-12-2020 to first year students in online mode 5. Coordinator for Student induction programme from 1-2-2021 to 6-2-2021 to(late admitted) first year students in offline mode 6. Organized workshop on Exam reform policy for faculty of BEC Bagalkot scheduled from 14 to 15 .02.2020 7. Organized workshop on Exam reform policy for faculty of BEC Bagalkot in online mode scheduled from 29 -30 .04.2020 8. Organized workshop on Exam reform policy for faculty of BEC Bagalkot in online mode scheduled from 6-7.05.2020 9. Coordinator for "Tally Awareness Program" workshop organized under TEQIP in 2007 at Basaveshwar Engg. College , Bagalkot.

Conferences/ Symposiums/ Workshops/ Training Programs Attended	<p>:</p> <ol style="list-style-type: none"> 1. Dr. Shobha R. Patil Jul 2001 NCDAR 2001 Organized by Department of CSE, Host Institution PES College of Engineering - Mandya 2. Dr. Shobha R. Patil Dec 2005 "International Conference on Cognition and recognition" organized by PES college of Engineering, Mandya. Host Institution PES College of Engineering - Mandya 3. Dr. Shobha R. Patil Oct 2007 Indian Conference on Technologies for Postal Automation" Organized by Basaveshwar Engineering College, Bagalkot. Host Institution, Basaveshwar Engineering College, Bagalkot. 4. Dr. Shobha R. Patil Dec 2007 Appropriate extension strategies for management of rural resources, Organized by University of Agricultural Science Dharwad. University of Agricultural Science Dharwad. 5. Dr. Shobha R. Patil Aug 2003, Futuristic materials & their applications, Sponsored by AICTE-ISTE Organized by Basaveshwar Engg. College, Bagalkot 6. Dr. Shobha R. Patil Jan 2004, Induction Programme for Young Teachers Sponsored by AICTE, Organized by Basaveshwar Engg. College, Bagalkot 7. Dr. Shobha R. Patil Feb 2004, Learning Organization and Knowledge Management, Sponsored by AICTE-ISTE Organized by Basaveshwar Engg. College, Bagalkot 8. Dr. Shobha R. Patil March 2004, Embedded Systems and Applications, Sponsored by AICTE-ISTE Organized by Basaveshwar Engg. College, Bagalkot 9. Dr. Shobha R. Patil Feb 2005, Semiconductor Physics and VLSI Design, Sponsored by Physics & E & C Dept. Organized by Basaveshwar Engg. College, Bagalkot 10. Dr. Shobha R. Patil Aug 2005, Workshop on Digital Image Processing Sponsored by Dept. of E&C Organized by B.V.Bhoomareddi college of Engg. 11. Dr. Shobha R. Patil Jan 2006, Software Testing Sponsored by QSIT Bangalore, Organized by Basaveshwar Engg. College, Bagalkot 12. Dr. Shobha R. Patil April 2006, Recent Trends in Electrical, Electronics & Computer Engg, Sponsored by Jerusalem College of Engg. Chennai., Organized by Basaveshwar Engg. College, Bagalkot 13. Dr. Shobha R. Patil Jan 2006, Mathematical Modeling for Digital Image processing, Sponsored by CSE Dept., Organized by Basaveshwar Engg. College, Bagalkot 14. Dr. Shobha R. Patil Feb 2006, Intellectual Property Rights, Sponsored by Dept. of Civil Engg., Organized by Basaveshwar Engg. College, Bagalkot 15. Dr. Shobha R. Patil March 2006, Vision R&D, Sponsored by Mech. Dept., Organized by Basaveshwar Engg. College, Bagalkot 16. Dr. Shobha R. Patil Jun 2006, Faculty Development Programme on C# & .NET, Sponsored by CSE Dept., Organized by Basaveshwar Engg. College, Bagalkot 17. Dr. Shobha R. Patil Aug 2006, Nanotechnology and its applications, Sponsored by Mech. Dept., Organized by Basaveshwar Engg. College, Bagalkot 18. Dr. Shobha R. Patil Aug 2006, Structured Software Testing and Test Automation, Sponsored Basaveshwar Engg. College, Bagalkot., Organized by QSIT-processes & Consulting Services. 19. Dr. Shobha R. Patil Oct 2006, MATLAB Programming for Electrical & Electronics Engineers, Sponsored by Electrical & Electronics
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	<p>Dept., Organized by Basaveshwar Engg. College, Bagalkot.</p> <p>20. Dr. Shobha R. Patil Oct 2006, Soft Computing and Applications Sponsored by Dept of ISE & Dept of CSE., Organized by MCE Hassan& UBDTCE Davanagere.</p> <p>21. Dr. Shobha R. Patil Jan 2007, Soft Computing Approaches in Engg. Applications, Sponsored by Dept. of Civil Engg., Organized by I.I.T. Madras.</p> <p>22. Dr. Shobha R. Patil March 2007, Real Time Operating System – Vxworks, Sponsored by Sands Institute of technology, Chennai., Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>23. Dr. Shobha R. Patil July 2007, Speech & Image Processing Sponsored by Dept. of Instrumentation, Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>24. Dr. Shobha R. Patil Feb 2008, Computer Network Simulation Sponsored by Dept. of E & C., Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>25. Dr. Shobha R. Patil May 2009, Image processing & Pattern Recognition, Sponsored by Dept of CSE., Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>26. Dr. Shobha R. Patil March 2010, Soft Computing Approches to Image processing & Pattern Recognition, Sponsored by Dept of CSE., Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>27. Dr. Shobha R. Patil Oct 2011, Modern Computing Trends. Sponsored by IEEE, Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>28. Dr. Shobha R. Patil Nov 2011, Technical Education and Challenges in the new millennium, Sponsored by AICTE, Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>29. Dr. Shobha R. Patil Dec 2011, Induction Training Programme for Newly Recruited Teachers, Sponsored by DTE, Organized by BVVS Polytechnic, Bagalkot.</p> <p>30. Dr. Shobha R. Patil Jan 2013, Signal and Image Processing with Applications, Sponsored by Dept. of E&E, Organized by R.V.College of Engg., Bangalore.</p> <p>31. Dr. Shobha R. Patil April 2013, Distributed and cloud computing, Sponsored by Dept. of ISE & CSE, Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>32. Dr. Shobha R. Patil Aug 2013, Research Issues Distributed Sensor Network, Sponsored by Dept. of ISE & CSE, Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>33. Dr. Shobha R. Patil Jan 2014, Integrated six sigma – Green belt & DFSS, Sponsored by Dept. of ISE & Mech.Engg., Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>34. Dr. Shobha R. Patil July 2015, Big Data Analytics using Hadoop, Sponsored by Dept of ISE,CSE and MCA., Organized by Basaveshwar Engg. College , Bagalkot.</p> <p>35. Dr. Shobha R. Patil March 2017, Open Society Problems Computing Solutions In Python, Sponsored by Basaveshwar Engg. College,Bagalkot under Teqip-II Organized by IIT Bombay.</p> <p>36. Dr. Shobha R. Patil Sept 2017, Three day training workshop for faculty mentors “Induction programme for new students, Sponsored by TEQIP III-BEC Bagalkot Organized by Harcourt Butler Technical University.</p> <p>37. Dr. Shobha R. Patil Oct 2017, Faculty Development Programme on outcome based education, Sponsored by Basaveshwar Engg. College,Bagalkot under Teqip-II, Organized by IIT Madras.</p> <p>38. Dr. Shobha R. Patil Jun 2019, Human Values,Induction programme, Sponsored by AICTE, Organized by VTU Belagavi.</p> <p>39. Dr. Shobha R. Patil,Dec 2020,Universal Human Values refresher</p>
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		course, Sponsored by AICTE, Organized by AICTE- online. 40. Dr. Shobha R. Patil, Feb2023, 2-days workshop on “Outcome Based Education” organized by Basaveshwar Engineering College Bagalkote.
Awards and Honors	:	-----