FACULTY PROFILE

Name	:	**Vijayalaxmi S.Patil**
Designation	:	**Assistance Professor**
Department	:	**Information Science and Engineering**
Employee ID	:	**TIS012**
E mail ID (College official ID), (Personal mail ID)	:	**vspis@edu.co.in** **vijupradeepgurani@gmail.com**
Contact details	:	**Mrs. Vijayalaxmi S.Patil** **Department of Information Science and Engineering** **Basaveshwar Engineering College (A)** **Vidyagiri, Bagalkot-587103, Karnataka**
Orcid ID	:	**--**
Scopus ID	:	**57196988403**
Vidwan Id	:	**125115**
Researcher ID (Web of Science)	:	**--**
Google Scholar ID	:	**qcwQE8wAAAAJ**
Qualification	:	**M.Tech**
Professional Experience		
Teaching experience	:	**16 years**
Industry experience	:	**---**
Administrative Responsibilities	:	**Coordinator – BoS, Institute and Parent linkage Facilitator for Dean R&D**
Teaching	:	**16 years**
No. of Projects Guided		
UG	:	**15**
PG	:	**--**
Research		
Interest Area	:	**Image Processing**

No. of Research Scholars		
Pursuing	:	--
Awarded	:	--
Patents	:	--
Research Grants	:	--
Publications Books/Chapters	:	--
Journals (with citations)	:	1. Key frame extraction technique for efficient video compression published in JETIR September 2020, vol-7, Issue 9, ISSN-2349-5162. 2. "Entropy Coding for H.264 Video Compression" published in IJSR January 2022 vol-11, Issue -01, ISSN-2277-8179-DOI-10.360/ijsr. 3. "HDR Video Compression using H.265 (HEVC – Main Profile)" – IJAER International Journal of Applied Engineering Research ISSN 0973-4562 Volume 17, Number 4 (2022) pp. 427-435
Conferences	:	1. "Intra Prediction in H.265/ HEVC to improve the PSNR using Gradient Calculation" This paper is presented in the conference IEM-ICDC 2021 on 23rd December 2021. 2. "Video Enhancement Algorithm using pre- and post-processing for compressed videos" This paper is presented in 2nd International Conference for Advancement in Technology (ICONAT) during 24th - 26th January 2023. -
Invited Talks	:	--
Events Organized	:	--

Conferences/ Symposiums/ Workshops/ Training Programs Attended	:	"Computer Network Simulation" in Feb 2008 organized by BEC,Bagalkot. "Research Issues in Information Technology" in Feb 2009 organized by BEC,Bagalkot. "Effective Teaching Practices" in Jan 2010 organized by BEC,Bagalkot. "Recent advances in wireless Sensor Networks" in Feb 2011 organized by BEC,Bagalkot "Intelligent Instrumentation and Robotics" in Mar 2012 "Distributed and cloud computing" in Apr 2013 organized by BEC,Bagalkot "Research Issues in Distributed Sensor Networks" in Aug 2013 organized by BEC,Bagalkot "Distributed and cloud computing" Aug 2013 Basaveshwar Engg. College , Bagalkot "Integrated Six Sigma-Green Belt and Design For Six Sigma (DFSS)" in Jan 2014 organized by Basaveshwar Engg. College , Bagalkot "Big Data Analytics using HADOOP" in July 2015 organized by Basaveshwar Engg. College , Bagalkot "HRD Training Programme" in Oct 2015 organized by Basaveshwar Engg. College , Bagalkot "Research Methodology" in Dec 2015 organized by Basaveshwar Engg. College , Bagalkot "Outcome Based Education" in Dec 2015 organized by Basaveshwar Engg. College , Bagalkot "Advanced Data Analytics and Statistical Software" in Aug 2016 organized by Basaveshwar Engg. College , Bagalkot "ISRO Satellite Remote sensing based societal applications on the web" in Sep 2016 organized by Basaveshwar Engg. College , Bagalkot "Faculty Development Programme" in Sep 2016 organized by IIT Madras "Empowering Teachers to Enrich Students" in Dec

		2016 organized by Basaveshwar Engg. College , Bagalkot
		• "HRD Training Programme" in Jan 2017 organized by Basaveshwar Engg. College , Bagalkot
		• "Analysis of Research Problems through Design of Experiments" in Jan 2017 organized IIT Bombay
		• "Green Technologies for Sustainable Development" in Feb 2017 organized by BEC,Bagalkot
		• "Research Methodology" in Nov 2017 organized Gogte Institute of Technology Belgavi
		• "End to End Innovation" in Feb 2018 organized by IIT Bombay
		• "Python(online)" in June 2020 organized by CMR Engineering college
		• "Digital Transformation in Teaching Learning Process", offered by IIT Bombay, in Feb 14 th to 6 th March 2020.
		• "AICTE-Examination Reform Policy", in may 2020 organized by Basaveshwar Engineering College, Bagalkot,
Awards and Honors	:	--