


## Faculty Profile

Name of the Teaching Staff	Dr.Gavisiddappa	
Department	Artificial Intelligence and Data Science	
E-mail	gavisiddappa@cittumkur.org	
Present Designation	HOD and Professor	
Google Scholar ID	<a href="https://scholar.google.com/citations?user=UJLuvYkAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=UJLuvYkAAAAJ&amp;hl=en</a>	
ORCID	<a href="https://orcid.org/0000-0003-3385-2640">https://orcid.org/0000-0003-3385-2640</a>	
VIDWAN ID	201506	
Education Qualifications	<ol style="list-style-type: none"> <li>UG in Electronics and communication Engineering</li> <li>PG in VLSI Designs and embedded system</li> <li>Ph.D in Electrical and Electronics Engineering Sciences</li> </ol>	
<b>Work Experience in Years</b>		
Teaching	22	
Research	-	
Total	22	
Area of Specialization	Image processing	
Publication Details	<ol style="list-style-type: none"> <li>Nandeesh G S , M Nagabushanam, Pramod Kumar S , <b>Gavisiddappa</b>,. “Segmentation of Pulmonary Parenchyma in Thoracic CT Images Based on 2D Otsu Optimized by DPSO”, International Journal of Advance Science and Technology Vol. 29, No. 10S, (2020), pp.4334-4347.</li> </ol>	
	<ol style="list-style-type: none"> <li>Gavisiddappa, Dr.M.Shivakumar, Dr.chandrashekar M patil, “Multimodal Biometric Authentication System Using Modified ReliefF Feature Selection and Multi Support Vector Machine”, International Journal of Intelligent Engineering and Systems, Vol.13, No.1, 2020, pp.1-12.  DOI: 10.22266/ijies2020.0229.01</li> </ol>	
	<ol style="list-style-type: none"> <li>Gavisiddappa, Dr.M.Shivakumar, Dr.chandrashekar M patil, Pramod Kumar S “Multi-Modal Biometric: Bi-Directional Empirical Mode Decomposition with Hilbert-Hung Transformation”, International Journal of Advanced Computer Science and Applications, Vol. 10,</li> </ol>	

	<p>issue. 6, 2019, pp 528-537.</p> <p>DOI: <a href="https://dx.doi.org/10.14569/IJACSA.2019.0100669">https://dx.doi.org/10.14569/IJACSA.2019.0100669</a></p>
	<p>4. Gavisiddappa, Dr.M.Shivakumar, Dr.chandrashekar M patil "Face, Finger Print and Iris Biological Characters Using Feature Level Fusion Based Multimodal Biometric Systems", Journal of Computational and Theoretical Nanoscience, Vol. 15, 1–10, September 2018,pp 2939-2948.</p> <p>DOI: <a href="https://doi.org/10.1166/jctn.2018.7570">https://doi.org/10.1166/jctn.2018.7570</a></p>
	<p>5. Gavisiddappa, Dr.M.Shivakumar, Dr.chandrashekar M patil," An Investigation towards Effectiveness of Present State of Biometric-Based Authentication Systems",International Journal of Research and Scientific Innvoation(IJRSI) Volume IV Issue VII, July 2017,ISSN 2321-2705.</p>
	<p>6. K.O Manjesh, <b>Gavisiddappa</b>, Dr.M.Shivakumar, Dr.chandrashekar M patil, "Biometric based secured electronic voting Machine", International Journal of Advanced research in electrical, electronics and Instrumentation Engineering,Vol.5 Issue 5,May 2016.</p>
	<p>7. K.O Manjesh,<b>Gavisiddappa</b>,"Development of Autopilot for Indoor and Outdoor Unmanned Vehicles with Aided Navigation Techniques", GE-International journal of Engineering Research, Vol. 4 Issue 2,Feb 2016.</p>
	<p>8. Nagaraj E Koppad, <b>Gavisiddappa</b>,"Design and development of mission systems for Micro aerial vehicle using AM3358202 Processor",The Board of International journal of emerging technologies and Engineering, Vol.12 Issue 5,May2015.</p>
Professional Memberships	<ol style="list-style-type: none"> <li>1. Life Member of Indian Society of Technical Education.</li> <li>2. Life Member of The Institution of Engineers(India).</li> </ol>
Reviewer in Journal/Conference	<p>Reviewer of 2022 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (2022 IEEE DISCOVER) organized by IEEE Mangalore Subsection at J. N. N. College of Engineering, Shivamogga.</p>
Academic & Administrative Responsibilities	<p>HOD</p>
	<ol style="list-style-type: none"> <li>1. Participated in the Two days National Level Workshop on "Difference Equations (Des) for Engineers" held on 28<sup>th</sup> &amp; 29<sup>th</sup> April 2022 at Channabasaveshwara Institute of Technology, Gubbi.</li> <li>2. Participated in the two day online National level workshop "Transformation through NAAC Accreditation process for HEI and Health Science Institutions" held on 20<sup>th</sup> and 21<sup>st</sup> June 2022 conducted by "Institute for Accreditation and Quality Improvement".</li> </ol>

FDPs & Workshops Attended	Excellence ,Hyderbad.
	3. Participated in FDP “Recent trends in wireless sensor network communication system” organised by Department of ECE of Somashekar R Kothiwali Institue of technology ,Nipani from 03/06/2019 to 05/06/20.
	4. Participated in webinar on “Image Processing and Deep learning using MATLAB” organised Dept.of ECE,The National Institute of Engineering ,Mysuru in association with CoreL Technologies, Bangalore on th July 25 <sup>th</sup> June 2019.
	5. Participated in one week FDP on “Exemplary Practices in Teaching Learning and Evaluation of courses in Computer sciences and Information Technology”, Jointly organised by VTU, Centre for Postgraduate Studies, Kalaburgi and IIT, Allahabad from August 03-07-2020 to 09-07-2020.
	6. Participated in FDP on “Advances in Artificial Intelligence, Machine Learning and Robotics” conducted by the Dept. of ECE , VVCE, Mysuru, held during 6 <sup>th</sup> – 10 <sup>th</sup> July 2020 .
	7. Participated in program on “ Recent trends in wireless sensor network communication system”Artificial Intelligence & IoT conducted by CIT, Gubbi in association with Technical Institute For Engineers & The Institute of Engineers (India) – Tumakuru Local Centre held during 8 <sup>th</sup> – 12 <sup>th</sup> July 2019 at CIT, Gubbi.
	8. Three days workshop on FDP on “Current Research Trends in Robotics and Autonomous Robotics” from 17 <sup>th</sup> to 19 <sup>th</sup> July 2017 at GSSSIETW, Mysuru.
	9. Participated in VTU-TEQIP 1.3 sponsored Five days FDP on “Advanced Image Processing techniques using MATLAB” conducted by CIT, Gubbi in association with VTU, Beagavi, Karnataka, Aryabhata Knowledge University, Patna, Bihar and Biju Patnaik University of Technology, Rourkela, Orissa held during 15 <sup>th</sup> – 19 <sup>th</sup> July 2019 at CIT, Gubbi.
	10. Participated in FDP on “ Open Source Technologies for DSP and Image Processing Applications” conducted Jointly by CIT,Gubbi and Knowledge Solutions, Bangalore held during 27 <sup>th</sup> -28 <sup>th</sup> July 2016 at CIT Gubbi.
	11. Participated in a 2 day certification programme on “Research Methodology –as part of capacity building for faculty members and Ph.D scholars in Engineering and Management “ conducted jointly by CIT,Gubbi and School of Research and Innovation ,CMR University,

	Bangalore held during 19 <sup>th</sup> -20 <sup>th</sup> August 2016.
	12. Two days workshop on FDP on “Research Avenues in Biometrics and forensic Science “ from 24 <sup>th</sup> and 25 <sup>th</sup> June 2016 at SJCE Mysore.
	13. Attended 3 days workshop on “research Methodologies and latex “organized by VTU E-learning centre, Mysuru from 26 <sup>th</sup> to 28 <sup>th</sup> May 2016 at Don Bosoco Institute of Technology, Bengaluru.
	14. Two days workshop on “analog and digital IC Design using Cadence Tool” on april 5 <sup>th</sup> and 6 <sup>th</sup> 2016 organized by ECEA, Kalpataru Institute of Tiptur, Karnataka
	15. National Workshop On “Plagiarism” held on 19 <sup>th</sup> of NOV 2015, organized by library and Information center and Post Graduate Department of Management studies (MBA) KIT, Tiptur
	16. ‘Feel Teacher’ Learning and Development Intervention conducted from 28 <sup>th</sup> through 30 <sup>th</sup> January 2013,at Kalpataru Institute of Technology, Tiptur, Karnataka.
	17. “IEEE Xplore Digital Library User Awareness Programme” on NOV 7 <sup>th</sup> , 2012 at Kalpataru Institute of Technology, Tiptur, Karnataka.
	18. One day workshop on “Process of Research” and “Common sense and Research”, held on October 22, 2011, organised by Kalpataru Institute of Technology, Tiptur, Karnataka.
	19. National level 4 days ‘workshop on Introduction to Therapeutic Counseling for Engineering Teachers” held at NMAM Institute of Technology, Nitte, Karnataka.
	20. Workshop on “Introduction to Robotics” conducted by IIT Bombay Shivamogga, Karnataka during April 27-27,2011,organised by PESS Shivamogga, Karnataka.
	21. Two day Faculty Development Program on “Recent Trends in Front-end VLSI System Design”, Conducted by the Department of Electronics and communication Engineering, BGSIT, B.G. Nagar on 30 <sup>th</sup> and 31 <sup>st</sup> of March , 2011.
	22. Participated in a Mission10X workshop conducted at Vishweshwaraya Technical University at Belgaum, Karnataka from 18 <sup>th</sup> January to 22 <sup>nd</sup> January 2010.
	23. One day workshop on “CMOS Analog Design” conducted at Adichunchanagiri Institute of Technology Chikmagalur, Karnataka on 5 <sup>th</sup> August 2009.

24. Three day workshop on "VLSI Lab using Cadence" organized by Vidyavardhaka college of Engineering, Mysore and Cadence Design Systems (I) Pvt .Ltd. ,from 9<sup>th</sup> to 11<sup>th</sup> July 2009.

25. One day workshop on "VLSI Design and Simulation concepts" organized by Department of Electronics and communication Engineering, Hassan on Sep 9<sup>th</sup> ,2006 under Technical Education Quality Improvement Programme

