Faculty Profile

Name of the Teaching Staff	Dr. Veena Kumari H M
Department	ECE
E-mail	veenakumari.hm@cittumkur.org
Present Designation	Assistant professor
Scopus ID	58079059100
Google Scholar ID	**EZzsf4kAAAAJ**
ORCID	**0000-0002-4466-4162**
VIDWAN ID	**201518**
Education Qualifications	1. UG: BE / ECE 2. PG: M Tech/ Bio Medical Instrumentation 3. Ph.D: Bio-Medical Signal Processing

Work Experience in Years	
Teaching	26 Years
Research	NIL
Industry	NIL
Other	NIL
Total	26 Years

Area of Specialization	Bio-Medical Signal Processing

Publication Details	**International Journals** 1. Veena Kumari H M and Suresh D S "**Ensemble Stacking Approach with Heterogeneous Base Classifiers to Predict Cardiovascular disease**" published in European Chemical bulletin, Volume 12, Issue 8, August 2023, ISSN: 2063-5346,pp: 7125-7139, **DOI: 10.48047/ecb/2023.12.Si8.604** 2. H. M. Veena Kumari, D. S. Suresh and P. E. Dhananjaya," **Dengue Data Analysis and Prediction using Multiple Classifiers: An Ensemble Techniques**" published in Global Journal of Computer Science and Technology: D Neural Network and Artificial Intelligence, Volume 22, May 2022 ISSN (Online): 0975 – 4172, ISSN (Print): 0975 – 4350, Page No: 37-51. https://doi.org/10.34257/GJCSTDVOL22IS2PG37 3. Veena Kumari H M and Suresh D S" **Comparative Study of Classification Algorithms Used for the Prediction of Non-Communicable Diseases**" published by" *International Journal of Emerging Trends in Engineering Research,* Volume 9, No 7, July 2021, ISSN 2347 – 3983 **https://doi.org/10.30534/ijeter/2021/14972021**

	4. Veena Kumari H M," ***An adaptive level set evolution for the analysis of ventricle variations in Alzheimer MR Images",*** International Journal of Science and Research(IJSR), Volume 4 Issue 5, May 2015. **Impact Factor - 4.438**
	5. Leela G A, Veena kumari H M, **"*Morphological Approach for the Detection of Brain Tumor and Cancer Cells",*** Journal of Electronics and Communication Engineering Research, Volume 2, Issue 1, January 2014, ISSN 2321-5941, **Impact Factor – 2**
	6. Veena Kumari H M., Sanjeev Kubakkadi., Mythra H V," ***Multi-Class EEG Classification for Brain Computer Interface",*** International Journal of Scientific & Engineering Research, Volume 4, Issue 9, September 2013 , ISSN 2229-5518,IJSER © 2013, **Impact Factor – 3.2**
	7. Veena Kumari H M., Praveen Kumar P S," ***The FBM approach for the synthesis of EEG signals"*** International Journal of Emerging Trends in Signal Processing (IJETSP), ISSN 2319-9784, Volume 1 , Issue 4 August – 2013, **Impact Factor – 0.840**
	International Conferences
	8. Veena Kumari H M and Suresh D S, "**Performance Analysis of Base and Meta Classifiers and the Prediction of Cardiovascular Disease using Ensemble Stacking**," 2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), Bengaluru, India, 2023, pp. 584-589, doi: 10.1109/IDCIoT56793.2023.10053464
	9. H. M. Veena Kumari, D. S. Suresh and P. E. Dhananjaya, "**Clinical Data Analysis and Multilabel Classification for Prediction of Dengue Fever by Tuning Hyperparameter using GridsearchCV,**" 2022 14th International Conference on Computational Intelligence and Communication Networks (CICN), Al-Khobar, Saudi Arabia, 2022, pp. 302-307, doi: 10.1109/CICN56167.2022.10008355
	10. Veena Kumari H M., and Praveen Kumar P S, presented a paper on***"An advanced enhancement approach for high contrast images of digital cameras",*** Proceedings of International Conference on Communication, VLSI and Signal Processing (ICCVSP-2013), Siddaganga Institute of Technology, Tumur-03, February 20th - 22nd, 2013
	National Journals
	11. H.M Veena Kumari , "***Fingertip Oximeter***", proceedings of second National Conference on "Signals, Systems and Security (NCSSS-06)" held at BAIT, Sathyamangalam , 24th -25th February 2006.

	12. H.M Veena Kumari, Avila J **"*A Fractional Brownian motion for synthesis of brain signals* "**, proceedings of National Conference on Advances in Electronics & Telecommunication Engineering (CONET-2005) held at Jayam college of Engineering & Technology, Dharmapuri , 4th April 2005.
Professional Memberships	1. **The Institution of Electronics and Telecommunication Engineers (F-503790)** 2. **Indian Society of Technical Education (LM 32260), Life Member** 3. **Institution of Engineers Member(M1540402)**
No. of Books published with details	NiL
Book Chapters published	Published a Book Chapter by **Veena Kumari H M and Suresh D S** in a book titled "**Data Science with Semantic Technologies",** with the chapter title **"Role of Knowledge Data Science during Covid-19 Pandemic".** publication by **Scrivener Publishing, Wiley.** **ISBN: 9781119864981**
Books Published	NIL
Reviewer in Journal/Conference	NIL
Patents	NIL
Academic & Administrative Responsibilities	**Institutional Responsibilities:** Member: NAAC Process, NAAC Criteria -6 Team Head, Member of CIT-CAT-2023 committee, Faculty Profile Digitization and Leave management system (Team head), ARIIA and NIRF Ranking Coordinator, Women Empowerment Coordinator, PG coordinator, ISO coordinator, Library Committee member, AICTE Activity -13 Coordinator.

	Sl. No.	Name of the Workshop/Conference/FDP/QIP	Date	Organised by	
FDPs & Workshops Attended	1	Robotics and Artificial Intelligence	24-04-2023 To 28.04.2023	AICTE-VTU Joint training programme by VTU,VIAT, Muddenahalli	
	2	Biomedical Instrumentation	07-12-2020 to 11-12-2020	**ATAL Academy** University B D T College of Engineering Davanagere.	
	3	Augmented Reality (AR)/ Virtual Reality (VR)"	23-11-2020 to 27-11-2020	**ATAL Academy** Gandhi Institute of Technology and Management GITAM Off Campus Bengaluru.	
	4	AI for" Covid 19 outbreak prediction, forecasting, Data analysis and Data Visualization with Python	11th and 12th July 2020	EDUXLABS ESOIR Business Solution India	

	5	AI for" Covid 19 outbreak prediction, forecasting, Data analysis and Data Visualization with Python	11th and 12th July 2020	EDUXLABS ESOIR Business Solution India
	6	"Effective Usage of Educational Technology in Teaching - Learning Process as a Part of NBA Accreditation"	22nd to 26th June 2020 [Certificate For QUIZ]	Dept of CSE ,ECE and Medical Electronics in association with IQAC-MSRIT Sponsered by AICTE
	7	Research : New Avenues for Budding Researchers	01st and 02nd August 2020	UVCE Bangalore
	8	One day in-house workshop on Academic Writing	12th July 2016	CIT,Gubbi
	9	FDP on Open Source Technologies for DSP and Image Processing applications	27th & 28th July 2016	CIT,Gubbi
	10	FDP on Contextual Learning on DSP	22nd -24th Dec 2014	CIT,Gubbi
	11	FDP on Linear Integrated Circuits	18th Dec 2014	CIT,Gubbi
	12	FDP on Cognitive Radio Networks	13th Dec 2014	CIT,Gubbi
	13	Three days workshop on Fourier analysis, Laplace & Z Transforms	8th – 10th Dec 2014	CIT,Gubbi
	14	Technical Symposium on " Sustainability agenda for technical educational institutes located in tire II & rural areas in Karnataka"	27th Sep 2014	CIT,Gubbi
	15	3 days FDP on "SciLab"	30th , 31st January & 1st Febrauary 2014	CIT,Gubbi
	16	1 day FDP on "Advances and research opportunities in VLSI"	28th January 2014	CIT,Gubbi
	17	FDP on "REAL WORLD DSP" sponsored by AICTE, NEW DELHI	15th -- 27th July 2013	CIT,Gubbi, AICTE, NEW DELHI
	18	Work shop on '"Professional language skills"	8th -11th March 2013	Mind speed ,Bangalore
	19	Workshop on"Real time DSP''	28th-30th Jan 2013	CIT,Gubbi
	20	Faculty Development Program on Linear Algebra	29th – 31st July 2012	CIT,Gubbi
	21	Training on Cadence Tool	25th – 26th August 2011	CIT,Gubbi
	22	NBA & ABET Accreditation	30th July 2011	CIT,Gubbi
	24	Introduction to Microcontrollers and Embedded System	29th July 2011	CIT,Gubbi
	25	Workshop on Entrepreneurship	19th July 2011	SSIT,Tumkur
	26	Workshop on MATLAB and Applications	16th – 18th February 2011	CITRIS,Tumkur
	27	MATLAB, DSP Toolbox, Analog & Digital Communication , Image Processing Tool box, Differential Equations	27th July – 1st August 2009	CIT,Gubbi
	28	One day workshop on	2nd February	Dayananda Sagar

		Advanced Communication Laboratory	2009	College of Engineering, Bangalore	
	29	Faculty Development Program on Linear Algebra	30th January 2008 to 2nd February 2008	CIT,Gubbi	
	30	National workshop on Wireless communications	17th – 18th August 2007	BNM Institute of Technology, Bangalore	
	31	Faculty Development Program on PSoc and PCB Design	6th – 9th August 2007	CIT,Gubbi	
	32	Course on Cryptography & Network Security	4th – 16th December 2006	Adhiyamaan College of Engineering, Hosur	
	33	State level Seminar on Telecom scenario – Current and Future	27th November 2006	Dayananda Sagar College of Engineering, Bangalore	
	34	National Conference on Signals, Systems and Security (NCSSS-2006)	24th – 25th February 2006	Bannari Amman Institute of Technology, Satyamangalam	
	35	A course on cellular mobile communication	28th November to 3rd December 2005	Sri Ramakrishna Engineering College, Coimbatore	
	36	National Workshop on Advanced Communication Technologies	22nd – 24th April 2005	BNM Institute of Technology, Bangalore	
	37	National level seminar on Medical Imaging and processing	4th – 5th March 2005	Dayananda Sagar College of Engineering, Bangalore	
	38	A State level two day Technical workshop on Recent Trends in Microwave and Optical Communication	2nd – 3rd December 2004	J J College of Engineering and Technology, Trichy	
	39	International Symposium on Microwaves (ISM-04)	1st – 3rd September 2004	IEEE, Bangalore Section	