JSS Mahavidyapeetha

JSS Academy of Technical Education, Bengaluru

Department of Electronics &Communication Engineering

FACULTY PROFILE

1. Personal Details

NAME	Dr. Veerabhadrappa S T	
DEPARTMENT	**Electronics & Communication**	
DESIGNATION	**Associate Professor**	
PHONE	**9482564088**	
EMAIL ID	**veerabhadrappast@gmail.com**	
TEACHING EXPERIENCE	**29 Years**	
INDUSTRY EXPERIENCE	**0**	
RESEARCH EXPERIENCE	**10 Years**	

2. Qualification

COURSES	SPECIALIZATION	INSTITUTION	UNIVERSITY
P.hD	**Biomedical Signal Processing**	**Indian Institute of Technology Delhi**	**IITD**
M.Tech	**Biomedical Engineering**	**Manipal Institute of Techonlogy Manipal**	**Mangalore University**
BE	**ECE**	**The National Institute of Engineering Mysore**	**Mysore University**
PUC	**PCMB**	**Govt. Science College Chitradurga**	**PU Board**
SSLC		**RPA High School, Bengalore**	**KSEEB Bengaluru**

3. Membership of Professional Bodies:

1.	**Indian Society for Technical Education (MISTE)**
2.	**Institute of Electronics and Telecommunication Engineers (MIETE)**

4.Awards Nil

5. Publications (Journals Conferences)

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Identification and classification of prakriti of human using facial features"	**Veerabhadrappa S T**, Suguna Guttoor Chickaramanna	IAES International Journal of Artificial Intelligence (IJ-AI),	13(2), 2024,	Scopus		
2	"Classification of Atrial Fibrillation using Random Forest Algorithm."	Suguna, G. C., Sunita Shirahatti, Sowmya R. Bangari, and **S. T. Veerabhadrappa.**	International Journal on Recent and Innovation Trends in Computing and Communication	11(10), 2023	-		
3	Classification of arrhythmia using machine learning algorithm.	Chickaramanna, S.G., **Veerabhadrappa, S.T**., Shivakumaraswamy , P.M., Sheela, S.N., Keerthana, S.K., Likith, U., Swaroop, L. and Meghana, V.,	*Revue d'IntelligenceArtificielle,*	*36(4),* 2022.	Scopus	**-**	**-**
4	A Machine learning Classification approach for detection of Covid 19 using CT images.	Suguna, G.C., **Veerabhadrappa, S.T.,** Tejas, A., Vaishnavi, P., Gowda, R., Udupa, P., Reddy, S. and Sudarshan, E.,	*EMITTER International Journal of Engineering Technology*	*10(1), 2022*	WOS		
5	Denoising wrist pulse signals using variance thresholding technique"	Suguna GC, **Veerabhadrappa ST**	Indian Journal of Science and Technology.	23;13 (41): 2020	-	**-**	**-**
6	Prototype Development of Continuous Remote Monitoring of ICU Patients at Home	**Veerabhadrappa S. T*,** Puranik M. Shivakumaraswamy , Suguna G. Chickaramanna, Venkatesha M. Iyengar, Anuroop P. Das, Abhyudaya Sharma	Instrumentation MesureMetrologie,	Vol 20(2) , April 2021	Scopus	**-**	-
7	Denoising wrist	Suguna GC,	Indian Journal of Science and	23;13 (41),	-	**-**	-

	pulse signals using variance thresholding technique	**Veerabhadrappa ST**	Technology	2020			
8	Secure Online Medicine Delivery System.	Bhat MW, **Veerabhadrappa S T**, Bhushan H, Shrivastava K, Sahoo AK.	Review of Computer Engineering Studies,	7(3), 2020 Sep			
9	Invasive Haemoglobin Measurement	P.M. Shivakumaraswamy, **S.T. Veerabhadrappa**, Priyanka D, Srinidhi S K, Sonia K, Anika AnjaniGowda, "Non	International Journal of Recent Technology and Engineering	Volume 9 Issue 02 July 2020			
10	"Implementation of Non-Invasive Blood Glucose Monitoring System"	Adarsh, Adarsh, B Bhagavantu, K Nagavishnu, **S. T. Veerabhadrappa**	International Research Journal of Engineering and Technology (IRJET)	June 2020			
11	Analysis and Classification of Three Trimesters During Normal Pregnancy Using Bispectrum	**Veerabhadrappa ST**, Vyas AL "". 2020 Feb 2020:1-10	IETE Journal of Research.	68(4), 2020	Scopus & WOS		
12	A review of wrist pulse analysis	Suguna. G C, **Veerabhadrappa. S. T**,.	Biomedical Research,	Volume: 30, issue: 4, 2019	-		
13	SCS-MCSA-Based Architecture for Montgomery Modular Multiplication	Pramoda B R, Shubha B, **Veerabhadrappa S T**, e-ISSN:	International Research Journal of Engineering and Technology (IRJET)	Volume: 04 Issue: 08 | Aug -2017,			
14	Implementation of an Effective Self-Timed Multiplier for Single Precision Floating Values with Carry-Look Ahead Adder	Shradda Awate, **Veerabhadrappa S T**, e-ISSN: 2395-0056, p-ISSN: 2395-0072 pp 530-533.	International Research Journal of Engineering and Technology (IRJET)	Volume: 04 Issue: 08 | Aug -2017			
15	Design and Implementation of Dual-Port SRAM	Bhavya K.V, **S.T. Veerabhadrappa**, Sangeetha.K.N, e-ISSN: 2455-529, 19-24.	International Journal of Information Technology and Computer Engineering Special Issue:	NCRASET-16			
16	Monitoring	**Veerabhadrappa,**	*Biomedical Signal*	16	Scopus		

	cardiovascular changes due to local anesthesia during and after toothextraction using pulse wave analysis.	**S. T**., Anoop Lal Vyas, Sneh Anand, and Nagarajappa Das	*Processing and Control*	(2015):	& WOS		
17	Changes in heart rate variability and pulse wave characteristics during normal pregnancy and postpartum.	**Veerabhadrappa, S. T**., Anoop Lal Vyas, and Sneh Anand	*International Journal of Biomedical Engineering and Technology*	17, no. 2 (2015)	Scopus		
18	Design and Implementation of Concurrent Error Detection and Data Recovery Architecture for Motion Estimation Testing Applications	Abhilash B T, **Veerabhadrappa S T**, Anuradha M G	*International Journal of Engineering Science and Computing,*	2(8) 2013			

Conferences:

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Acquisition and Identification of Vata, Pitta and Kapha of an individual.	Suguna, G.C., **Veerabhadrappa, S.T.** and Gosh, A	*2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP)*	2022, December	scopus		IEEE Digital Explorer
2	December. Communication Decipher: Text to Speech and Hand Gesture to Speech Conversion.	Bangari, S.R., Shirahatti, S., **Veerabhadrappa, S.T**√Suguna, G.C. and Kavitha, H.S.,	*2022 Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE)*	2022	scopus		IEEE Digital Explorer
3	Automatic Detection of Musical Note Using Deep Learning Algorithms	Suguna, G.C., Shirahatti, S.L., **Veerabhadrappa, S.T.,** Bangari, S.R., Jain, G.A. and Bhat, C.V.	*Intelligent Communication Technologies and Virtual Mobile Networks: Proceedings of ICICV 2022*	2022			Singapore: Springer Nature Singapore.
4	Analysis of Cardiac	**Veerabhadrappa, S. T**.,	IEEE-ICEEOT-2016 conference, 3-5	2016	scopus		IEEE Digital Explorer

	Dynamics due to Local Anesthesia during Third Molar Tooth Extraction using Heart Rate Variability	AnoopLalVyas, SnehAnand, and Nagarajappa Das.	March, 2016 DMI Engineering College, Chennai				
5	Higher order spectral analysis of heart rate variability in pregnancy and postpartum	**Veerabhadrappa, S. T**., AnoopLalVyas, and Sneha Anand.	*Engineering in Medicine and Biology Society (EMBC), 2013 35th Annual International Conference of the IEEE*	2013	Scopus		IEEE
6	Estimation of pulse transit time using time delay estimation techniques.	**Veerabhadrappa, S. T**., Anoop Lal Vyas, and Sneh Anand..	*Biomedical Engineering and Informatics (BMEI), 2011 4th International Conference*	2011	Scopus		IEEE

6. Grants/FundingReceived Nil

6.Others :Workshops / Conference (Orgainsed/Attended)

6.a. Workshops / Conference organized

1	**One week online FDP on Image and Signal Processing 04-01-2021 to 08-01-2021**
2	**Two Day workshop on "Accreditation Process for Technical Institutions" on 26th & 27th Aug 2016**
3	**National Conference on VLSI, Signal & Image Processing August 22 nd& 23 rd 2014**

6.b. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or anyother sponsoring body)

45th International Conference on Acoustics, Speech, and Signal Processing -2020, 04-05-2020 to 08-05-2020, Barcelona, Spain
Relevance of IEEE Standards in Teaching, Learning and Industry Collaborations 04-06-2020 EBSCO Information Services India Pvt. Ltd.
Two Week Online Faculty Development ProgrammeOn**Python,** 22-06-2020 to 04-07-2020. JSSATE, Noida,
One week webinar on **AI and ML Applications in Image Processing Using Modern Tools 13-07-2020 to 18-07-2020 Ramaiah Institute of Technology**

6.c. workshop/ Seminar /Conference Attended (those NOT sponsored by AICTE / ISTE/IETE/TEQIP or anyother sponsoring body)

online hands-on experimental workshop titled Image Recognition with Tensor Flow 31-10-2020 Vodafone India Foundation
Three Days Workshop On "Building Research Eco-System" March 2-4, 2021, JSSATE, Bengaluru

6.d. PROJECT / Innovations/Patents - NIL

6.e. Any other information you will like to share about your professional experience