




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	veerabhadrapast@gmail.com	
TEACHING EXPERIENCE	26 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 Technology 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, Bengaluru	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)

Journals:

1. Suguna GC, **Veerabhadrappa ST** "Denoising wrist pulse signals using variance thresholding technique" Indian Journal of Science and Technology. 2020 Nov 23;13 (41):4275-86.
2. Bhat MW, **Veerabhadrappa S T**, Bhushan H, Shrivastava K, Sahoo AK. Secure Online Medicine Delivery System. Review of Computer Engineering Studies, 2020 Sep;7(3):74-78.
3. P.M. Shivakumaraswamy, **S.T. Veerabhadrappa**, Priyanka D, Srinidhi S K, Sonia K, Anika Anjani Gowda., "Non – Invasive Haemoglobin Measurement" International Journal of Recent Technology and Engineering , Volume 9 Issue 02 July 2020 Pages 729-733
4. Adarsh, Adarsh, B Bhagavantu, K Nagavishnu, **Dr. S. T. Veerabhadrappa** "Implementation of Non-Invasive Blood Glucose Monitoring System" International Research Journal of Engineering and Technology (IRJET) June 2020

5. **Veerabhadrapa ST**, Vyas AL. Analysis and Classification of Three Trimesters During Normal Pregnancy Using Bispectrum. IETE Journal of Research. 2020 Feb 2020:1-10
6. Suguna. G C, **Veerabhadrapa. S. T.**, "A review of wrist pulse analysis", Biomedical Research, Volume: 30, issue: 4, 2019, 538-545.
7. Pramoda B R, Shubha B, **Veerabhadrapa S T**, " SCS-MCSA- Based Architecture for Montgomery Modular Multiplication", International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 08 | Aug -2017, e-ISSN: 2395-0056, p-ISSN: 2395-0072 pp 379-382.
8. Shradda Awate, **Veerabhadrapa S T**, " Implementation of an Effective Self-Timed Multiplier for Single Precision Floating Values with Carry-Look Ahead Adder", International Research Journal of Engineering and Technology (IRJET) Volume: 04 Issue: 08 | Aug -2017, e-ISSN: 2395-0056, p-ISSN: 2395-0072 pp 530-533.
9. Bhavya K.V, **S.T. Veerabhadrapa**, Sangeetha.K.N, "Design and Implementation of Dual Port SRAM" , International Journal of Information Technology and Computer Engineering Special Issue: NCRASET-16 e-ISSN: 2455-529, 19-24.
10. **Veerabhadrapa, S. T.**, Anoop Lal Vyas, Sneha Anand, and Nagarajappa Das "Monitoring cardiovascular changes due to local anesthesia during and after tooth extraction using pulse wave analysis." *Biomedical Signal Processing and Control* 16 (2015): 17-21.
11. **Veerabhadrapa, S. T.**, Anoop Lal Vyas, and Sneha Anand "Changes in heart rate variability and pulse wave characteristics during normal pregnancy and postpartum." *International Journal of Biomedical Engineering and Technology* 17, no. 2 (2015): 99-114.
12. Abhilash B T, **Veerabhadrapa S T**, Anuradha M G "Design and Implementation of Concurrent Error Detection and Data Recovery Architecture for Motion Estimation Testing Applications", *International Journal of Engineering Science and Computing*, 2(8) 2013: 1-7.

Conferences

1. **Veerabhadrapa, S. T.**, Anoop Lal Vyas " Classification of Normal Pregnancy and Postpartum using Heart Rate variability", *International Conference on Electrical, Communication, Electronics, Instrumentation and Computing - (ICECEIC)- Jan 2019 Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University (SCSVMV), Sri Jayendra Saraswathi Street, Enathur, Kanchipuram, Enathur, Tamil Nadu, India., 64.*
2. Lavanya Hiremath, Suguna G C, **S T Veerabhadrapa**, "Automatic Detection System For Brain Tumor", *Proceedings of the 2nd International Conference on Inventive Computation Technologies (ICICT 2017), ISBN:978-1-5090-6697-1,998-1001*
3. **Veerabhadrapa, S. T.**, Anoop Lal Vyas, Sneha Anand, and Nagarajappa Das. " Analysis of Cardiac Dynamics due to Local Anesthesia during Third Molar Tooth Extraction using Heart Rate Variability." IEEE-ICEEOT-2016 conference, 3-5 March, 2016 DMI Engineering College, Chennai, pp 2753-2757.
4. **Veerabhadrapa, S. T.**, Anoop Lal Vyas, and Sneha Anand. "Analysis of Heart Rate Variability in Normal Pregnancy and Postpartum." *International Conference on Bio-Signals, Images and Instrumentation*, 14-16 March, 2013, Chennai, pp. 84- 91.
5. **Veerabhadrapa, S. T.**, Anoop Lal Vyas, and Sruthy Anand. "Higher order spectral analysis of heart rate variability in pregnancy and postpartum." In *Engineering in Medicine and Biology Society (EMBC), 2013 35th Annual International Conference of the IEEE*, pp. 2575-2578. IEEE, 2013.
6. Kiran, **Veerabhadrapa, S. T.** "FPGA Based NI with Advanced Features", *International Conference on Electrical Engineering & Computer Science, Bengaluru ISBN:978-93-83060-04-7, 2nd June-13.*
7. **Veerabhadrapa, S. T.**, Anoop Lal Vyas, and Sneha Anand. "Estimation of pulse transit time using time delay estimation techniques." In *Biomedical Engineering and Informatics (BMEI), 2011 4th International Conference on*, vol. 2, pp. 739-743. IEEE, 2011.

6. Grants/Funding Received Nil

6.Others :Workshops / Conference (Orgained/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 any other 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 Programme On 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 any other 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