Profile of Anitha S Prasad

1. Name : Dr. Anitha S Prasad

2. Designation : Assistant Professor,
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Dr. Anitha S Prasad
Assistant Professor,
Dept. of Electronics and Communication
Sri Jayachamarajendra College of Engineering
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Karnataka State, India.

5. Degrees Obtained:

Qualification	University / Institution	Subject / Field
Ph.D	VTU, Belagavi / SJCE, Mysore.	Fabrication of Nanomaterials based electro for ECG signal acquisition and real time analysis of ECG signal using efficient algorithm.
M.Tech	VTU, Belagavi / SJCE, Mysore.	VLSI Design and Embedded system
B.E	VTU, Belagavi / VVCE, Mysore.	Electronics and Communication

6. Employment record in Institution

University / College	Designation	Period
Dept. of Electronics and communication. JSS S&TU, SJCE, Mysuru.	Assistant Professor	September. 2011 to date

7. Membership in Scientific & Professional Societies with abbreviations ● ISTE, Life Member

8. Membership of University / Institution Authorities

● Member, Board of Examinations, JSS S&T U, Department of E&C, SJCE, Mysore.

● Member, Board of Studies, JSS S&T U, Department of E&C, SJCE, Mysore.

9. Other Assignments

- Worked as TEQIP Department coordinator of SJCE.
- Department Timetable co-ordinator.
- Department Sub co-ordinator for NBA data management.
- Department Sub co-ordinator for NAAC data management.
- Involved in revision and modification of E&C Dept. courses for BOS of JSSSTU.

10. Publications

Journal

1. Anitha. S. Prasad, M. N. Jayaram and K. Swamy N, "Fabrication of GNR Electrode for ECG Signal Acquisition," in *IEEE Sensors Letters*, vol. 5, no. 9, pp. 1-4, Sept. 2021, Art no. 2000704, doi: 10.1109/LSENS.2021.3103841.
2. Anitha S. Prasad, M.N. Jayaram, N. Kumara Swamy, B.S. Madhukar,Graphene nano- platelets polyvinyl alcohol nanocomposite electrode for real time ECG signal acquisition, Biosensors and Bioelectronics: X,Volume 12,2022,100255,ISSN 2590-1370, https://doi.org/10.1016/j.biosx.2022.100255.

Conference

1. Anitha. S. Prasad and N. Kavanashree, "ECG Monitoring System Using AD8232 Sensor," *2019 International Conference on Communication and Electronics Systems (ICCES)*, 2019, pp. 976-980, doi: 10.1109/ICCES45898.2019.9002540.

2. Anitha S Prasad, Rabbi Sudheer Zacharias, DS Sai Rohith, Gaurav Simha N “Brain Computer Interfacing: A method to detect pain signals in the brain of patient under operation” IEEE R10HTC2021 held on 30 Sept to 2 Oct 2021, **DOI:** 10.1109/R10-HTC53172.2021.9641628
3. Anitha. S. Prasad, M. N. Jayaram, “Smart health monitoring system with IOT” published in IEEE international conference ICAITPR 2022. (10-12 Mar 2022)
4. Anitha S Prasad, Pramodini S metagud , sukrutha M S , Navya dayand naik “Real-time student emotion and performance analysis” accepted in IEEE CONNECT-2022 (8-10 july 2022).
   DOI: 10.1109/CONECCT55679.2022.9865114.
5. Anitha. S. Prasad and M. N. Jayaram, "Smart Health Monitoring System With Iot," 2022 First International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR), 2022, pp. 1-4, doi: 10.1109/ICAITPR51569.2022.9844201.
6. Anitha S. Prasad, M.N. Jayaram, M G Veena, GNR electrode acquired real time ECG signal analysis by machine learning methods, ICERECT-2022, 978-1-6654-5635-7/22/$31.00 ©2022 IEEE .
7. Anitha S. Prasad, M.N. Jayaram, Mounashree B , Supreetha M GNR@PVA Electrodes acquired EEG Signals analysis, ICERECT-2022, 978-1-6654-5635-7/22/$31.00 ©2022 IEEE
8. P. A. Anshad, N. M. Gowda, V. C. K and A. S. Prasad, "Forest Fire Detection Using nRF24L01 Wireless Sensor Network And Prediction by Machine Learning Model," *2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC)*, Mysore, India, 2023, pp. 1-5, doi: 10.1109/ICRTEC56977.2023.10111910.
9. A. H P, S. K. Magadum, S. S and A. S. Prasad, "Real Time Tomato Plant Leaf Disease Detection Using Convolutional Neural Network," *2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC)*, Mysore, India, 2023, pp. 1-6, doi: 10.1109/ICRTEC56977.2023.10111895.
10. V. M, S. R. Hegde, S. K, A. S. Prasad and E. A. Madappa, "Agricultural Supply Chain Management System Using Blockchain," *2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC)*, Mysore, India, 2023, pp. 1-4, doi: 10.1109/ICRTEC56977.2023.10111914.