



Name Dr Prabhavathi C N

Designation: Associate Professor

Experience (Teaching and Industry)

RNSIT (2005- till date)
Previous college (1999-2005)

Qualifications

B.E. from PES Engg. College, Mandya
M.Tech. from Dayanand College of Engg. Bangalore
PHD from Jain University

Specialization (Academics)

Analog Communication
Digital Communication
Control System
Microwave and Antennas
Information theory and coding
Satellite Communication
Signals and Systems

Specialization (Research) Signal Processing

Publications

- [1] Prabhavathi C.N., Dr.K.M. Ravikumar “**Acoustic Noise Classification and Characterization Using Statistical Properties**”, International journal of Emerging Technology and Advanced Engg.,ISSN 2250-2459, ISO 9001:2008 ,vol. 4 ,Issue 6, June 2014 .
- [2] Prabhavathi C.N., Dr.K.M. Ravikumar ,”**Intelligibility Of Speech Using Short Time Fourier Transform Phase Spectrum** “International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 18 ,pp 39550-39557 ,2015 (**Scopus Indexed Journal**)
- [3] Swathi M.N, Dr. C.N Prabhavathi “**Feature Selection and Classification of Epilepsy from Electroencephelogram signal** “ International Journal of Engineering Science and Management, Vol :1, No. 3, pp 64-70, Dec 2019(VTU journal)
- [4] Sony C, Rakshitha M, Divya, Shreya T, Dr. C N Prabhavathi “ **Kissan-Kiosk for Rural Areas using Microcontroller** “ International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 04 p3689-3693, Apr 2020[impact factor: 7.529]
- [5] Rajkumar, Radhakrishna K, PramodKumar N D, Sriharsha M, Dr. C N Prabhavathi “**Review on ARM based Self Security System for Woman and Physically Challenged**” , International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 04 p2780-2784, Apr 2020 [impact factor: 7.529]
- [6] N. Yogesh N , C. N. Prabhavathi “ **IoT Based Multifunctional War Architecture Terror Bot**” International Journal of Research in Engineering, Science and Management (ijresm) Volume-3, Issue-5, May-2020 ,p489-490
- [7]Dr C N Prabhavathi “**ECG and PPG Evaluation for Blood Vessel Stiffness Estimation**” VOLUME 8, ISSUE 3, 2021, P216-P224, GIS Science Journal, ISSN NO : 1869-9391.

Publication in Springer Book:

- [1] Prabhavathi C.N., Dr. K.M. Ravikumar, “ **A Fast Adaptive Kalman Filtering Algorithm For Speech Enhancement Under Stationary Noise Environment** “ , Artificial Intelligence and Evolutionary Computations in Engineering Systems , ISBN 978-81-322-2654-3 ,Vol. 394 , Proceedings of ICAIECES 2015 .