

### Book Chapters:

- i) **Bag S:** Overview of Surgical Instruments for the Operation Theatre. Accepted for publication in *Design and Development of Affordable Healthcare Technologies*, Published by IGI-Global, USA.
- ii) **Talukdar P, Nayak S K, Ganguly K, Bag S, Dey A & Pal K:** Analysis of the Changes in the RR Interval Signals of Smokers (Before and After Smoking) Using Recurrence Analysis and ANN Classification. Accepted for publication in *Design and Development of Affordable Healthcare Technologies*, Published by IGI-Global, USA.

### Journal/Conference Papers:

- **Guha S, Ganguly K, Sikdar S & Bag S:** A hybrid Multi-features and Multi-classification approach based Pre-diagnosis of Seizure by analyzing EEG Signals. International Conference on Emerging trends in Electronics Devices and The Computational Technique (**EDCT 2018**) (Accepted for Oral Presentation).
- **Talukdar P, Nayak S K, Bag S, Ganguly K, Dey A & Pal K:** Wavelet Packet Decomposition-Based Analysis of the RR Interval Signal to Understand the Autonomic Nervous System Activity in Smokers. Published in the proceedings of “International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC)”, 2018.
- **Sikdar S, Parui S, Guha S, Ganguly K, Bag S:** "An empirical approach towards development of a low cost psycho-physiologic pain detector". Published in the proceedings of “National Conference on Frontiers in Modern Physics (NCFMP)”, 2018.
- **Ganguly Bhattacharjee K.** (2017): Photography, an Important Tool for Qualitative Analysis of Estrogen Receptor and Progesterone Receptor Number which have Prognostic Importance in Breast Cancer 11<sup>th</sup> International Conference, IPC2017. PP 94-101.
- **P. Talukder, K Ganguly, K Pal:** A Study on the Simulation of Visual Prosthesis for the Restoration of Functional Vision to the Blind in in the International Conference on Electrical Electronics and Data Communication (ICEEDC 2017).
- **S.Guha, P.Basak, T.Das:** Diabetes Susceptibility detection with age using heart rate variability in 2nd International Conference for Convergence in Technology (I2CT),Pune, April,2017(IEEE).
- **T.Das, S.Guha and P.Basak:** Prediction of Inferior Zone Myocardial Infarction using Welch's Power Spectral Density Estimation and Discrete Cosine Transform in International Journal of Engineering Science and Research.
- **T.Das, N.Banerjee,S.Guha, P.Basak:** Development of Thermistor based low cost high sensitive Respiration Rate Measurement System using Audio Software with Audio Input in 3rd International Conference of Biosignals, Images and Instrumentation (ICBSII 2017), Chennai, March 16-March 18, 2017(IEEE).
- **T.Das, S.Guha, A.Ghosh, P.Basak:** Early detection of diabetes based on skin impedance spectrogram and heart rate variability noninvasively in 1st International conference on Electronics, Materials Engineering and Nano Technology, April 28-29, 2017(IEEE).
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- **S.Guha, A.Ghosh, P.Basak:** Classification of EEG Signals in controls and Epileptic Patients in 18<sup>th</sup> Joint Annual Conference of Indian Epilepsy Association Indian Epilepsy Society (ECON 2017), Patna.

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