Department of Biomedical Engineering
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Dabasish Kumar Saha
Assistant Professor
Research Area* Medical Imaging * Computational Fluid Dynamics * Finite Element Analysis * Brain-Computer Interfacing Systems * Machine Learning * Deep Learning * Biomedical Signal Processing * Computer Aided Diagnosis

Biography

Hello, Welcome to my personal page!

Education

Master of Science in Electronics and Communication Engineering
Khulna University of Engineering & Technology (KUET),Bangladesh(2016)
Bachelor of Science in Electronics and Communication Engineering
Khulna University of Engineering & Technology (KUET),Bangladesh(2013)
Higher Secondary Certificate
Sreepur Degree College, Sreepur, Magura,Bangladesh(2008)
Secondary School Certificate
Borishat High School, Sreepur, Magura,Bangladesh(2006)

Service Records

- **Assistant Professor**
  Department/Section: Biomedical Engineering
  Khulna University of Engineering & Technology *From 01-01-1970 to 01-01-1970*
- **Lecturer**
  Department/Section: Biomedical Engineering
  Khulna University of Engineering & Technology *From 01-01-1970 to 01-01-1970*
- **Department/Section:** Biomedical Engineering
  Course Coordinator for several academic years (UG) *From 01-01-1970 to 01-01-1970*
- **Department/Section:** Biomedical Engineering
  President, BME Association, KUET *From 01-01-1970 to 01-01-1970*
- **Mentor, Magura Club of KUET** *From 01-01-1970 to 01-01-1970*
- **Department/Section:** Biomedical Engineering
  Treasurer, BME Association, KUET *From 01-01-1970 to 01-01-1970*

Research Interest

*** Medical Imaging * Computational Fluid Dynamics * Finite Element Analysis * Brain-Computer Interfacing Systems * Machine Learning * Deep Learning * Biomedical Signal Processing * Computer Aided Diagnosis**

Publication

Books

Journals

2. Mashrur,F. R. , Islam,M. S. , Saha,D. k. and al.,e. (May 2021) , " SCNN: Scalogram-based Convolutional Neural Network to Detect Sleep Apnea using Single-lead Electrocardiogram Signals," ***Computers in Biology and Medicine***

1. Hossain,A. A. ,Saha,D. K. and Ratan,a. Z. A. (2021) , " Study on viscosity induced contrast in ultrasound color flow imaging of carotid atherosclerosis," ***International Journal of Electrical and Computer Engineering***, vol11, no.5

Conference

5. Chhoan,A. P. and Saha,S. S. a. D. K. (28-29 November, 2020) , "A Low-Cost Automatic Intravenous Fluid Control System for Medical Treatment," ***International Conference on Advanced Information and Communication Technology (ICAICT)*** , IEEE Xplore

4. Mashrur,F. R. and Saha,A. D. R. a. D. K. (20-22 December, 2019) , "Automatic Identification of Arrhythmia from ECG Using AlexNet Convolutional Neural Network," ***International Conference on Electrical Information and Communication Technology (EICT)*** , IEEE Xplore

3. (20-22 December, 2019) , "Processing of Motor Imagery EEG Signals for Controlling the Opening and the Closing of Artificial Hand," ***International Conference on Electrical Information and Communication Technology (EICT)*** , IEEE Xplore

2. Hossain,A. B. M. A. ,Saha,D. K. and Jahiruzzaman,a. M. (13-14 May, 2016) , "Study on Ultrasound Color Flow Imaging of Renal Artery Stenosis

Using Computational Hemodynamics," ***International Conference on Informatics, Electronics and Vision (ICIEV)*** , IEEE Xplore

1. Saha,D. K. and Hossain,A. B. M. A. (17-19 December, 2015) , "A Simulation Study on Viscosity Change Effects in Ultrasound Based Carotid Atherosclerosis Diagnosis," ***International Conference on Advances in Electrical Engineering (ICAEE)*** , IEEE Xplore