

ICBSII 2020

The department of Biomedical engineering takes pride in organising a variety of National and International conferences, the annual International conference of the Department is the “International Conference on Bio-Signals, Instrumentation and Image Processing”. The conference has always been a grand event for the department with a whopping participation from around the state. This year, the conference was scheduled on the 27th and 28th February and was preceded by a Pre-conference workshop on Rehabilitation and Assistive Technology. The workshop involved preeminent speakers including **Dr S Sundar** (Medical Director, Prem Center for Physiotherapy and Rehabilitation Medicine, Chennai), **Dr D Suresh Kumar** (Scientist, Shoe and Product design centre, CLRI, Chennai), **Mr R Ranjith** (Principal, MERF Institute of Speech and Hearing, Chennai), **Mr Sankar Subbiah** (Assistive Technology and Accessibility Consultant, Agate Infotek, Chennai), **Dr Basheer Ahamed Gulam** (Orthopedic Surgeon, American mission Hospital, Bahrain). Sixth International Conference on Bio signals, Images and Instrumentation was organized by the department of Biomedical Engineering in association with IEEE Madras section during February 27-28, 2020. Totally 93 papers were received from various regions across country and globally. Former director of IJN-UTM Cardiovascular Engineering Centre, Universiti Teknologi Malaysia and Dr. Justin Dauwels, Associate Professor, Deputy Director of STE-NTU Corporate Laboratory, School of Electrical and Electronics Engineering, Nanyang Technological University, Singapore were invited as chief guests for the inaugural function. The keynote talks were delivered by the expert members in various topics on Mental health, Rehabilitation Engineering, Development of Medical Devices, Cardiovascular Management, and Clinical Engineering. The event has always been splendid, during the previous years as well many prominent members from the field of Biomedical Engineering have been part of the conference.



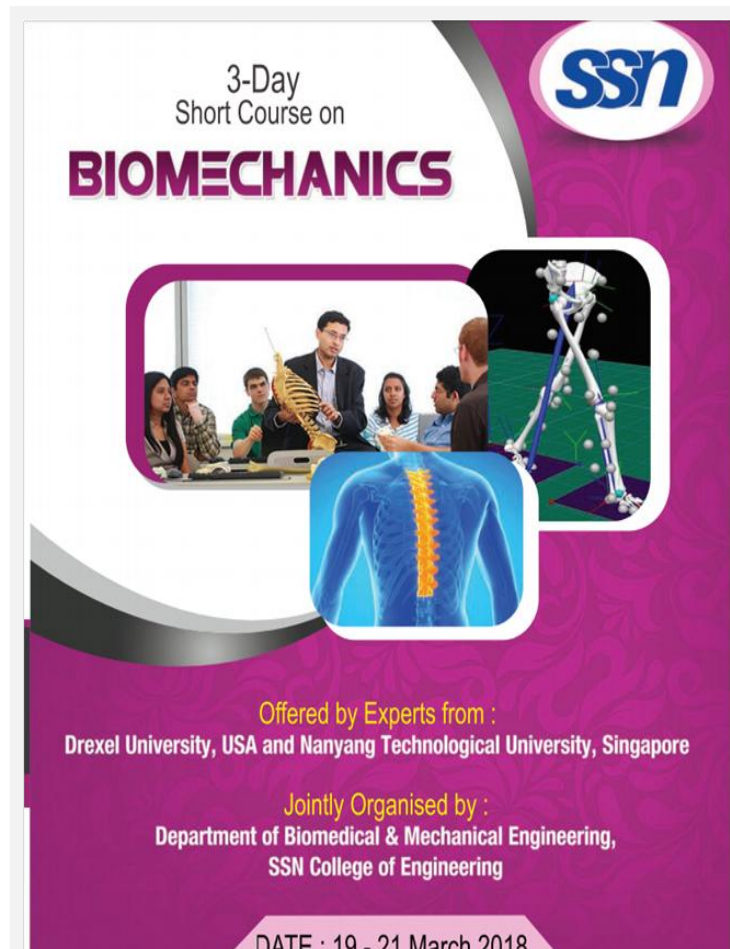
ICBSII 2019

The Fifth International conference witnessed **Dr Mamun Bin Ibne Reaz** (Universiti Kebangsaan Malaysia) inaugurate the event, while the keynote speakers were **Dr K. Ganapath** (Director, Apollo Telemedicine Networking Foundation, Apollo Hospital, Chennai), **Dr Sudhir Ganesan**, Ortho Surgeon, Sri Ramachandhra Medical Centre, Chennai), **Dr Gowrishankar** (Anaesthesiologist, Stanley Medical College, Chennai), **Dr Neelesh Kumar** (Principal Scientist Biomedical Instrumentation Unit, CSIR-CSIO, Chandigarh), **Dr Dipanjan Roy** (Scientist, Cognitive Brain Dynamics lab, National Brain Research Centre (NBRC)), **Dr S Kanagaraj** (Professor, Biomedical Devices and Biomaterials laboratory, Department of Mechanical Engineering, Indian Institute of Technology, Guwahati), **Dr Justin Dauwels** (Associate Professor, Deputy Director of STE-NTU Corporate Laboratory, School of Electrical and Electronics Engineering,, Nanyang Technological University, Singapore). The topics of discussion included Artificial Intelligence, Nanocomposites, Brain connectivity, Remote Health Care to name a few. The first edition of the Department's Placement Brochure was released as well.



ICBSII 2018

The Fourth International Conference in the year 2018 was preceded by a Short course on Biomechanics, which had renowned personalities talk to the students along with hands-on training in certain fields. 83 participants had enrolled for the course. Some of the experts present were Dr Sriram Balasubramanian (Drexel University, USA), Dr Paul Brandt-Rauf, (Professor and Dean, Drexel University, USA), Dr Teo Ee Chon (Associate Professor, School of Mechanical and Aerospace Engineering, Nanyang Technological University (NTU), Singapore), Dr G Sudhir (Ortho Spine Surgeon, Sri Ramachandra Medical Centre, Chennai), Dr Dinesh Bhatia (Associate Professor and Head /BME, North Eastern Hill University, Shillong). The 3 day short course was then succeeded by the conference and included a number of speakers from various fields of Biomedical engineering. **Dr Paul W-Brandt-Rauf** (Distinguished Professor and Dean, School of Biomedical Engineering, Drexel University, Philadelphia) graced the occasion as the Chief guest while **Dr Sriram Balasubramanian** (Professor, school of Biomedicl Engineering, Drexel University, Philadelphia) and **Dr Dinesh Bhatia** (Professor, North-Eastern Hill University, Shillong) were the guests of Honor for the inauguration. The keynote speakers were **Dr Sudhir Ganeshan** (Orthopaedic Spine Surgeon, Sri Ramachandra Medical Centre, Chennai), **Mr S Nagarajan** (Scientist-D, DEBEL (DRDO), Bangalore), **Dr G Saraswathy** (Scientist, CLRI, Chennai), **Dr Minimol** (Professor, Govt. Model engineering college, Cochin) and **Dr C J Ravishankar**, (Managing director, Sagitec healthcare and life sciences).



3-Day
Short Course on
BIOMECHANICS

Offered by Experts from :
Drexel University, USA and Nanyang Technological University, Singapore

Jointly Organised by :
Department of Biomedical & Mechanical Engineering,
SSN College of Engineering

DATE : 19 - 21 March 2018

