



TOPICS TO BE COVERED

- Psychophysiological rehabilitation aspects for military personnels
- Transcranial Electrical Stimulation in Treatment & Rehabilitation of Mental Health Disorders
- Physical Rehabilitation: Technical aspects and Clinical Perspectives
- Ergonomics and Rehabilitation aspects in Occupational health
- Mental Rehabilitation: Focus areas - Clinical and Psychological

HIGHLIGHTS

- Hands on session - " Prosthetics Design using Autodesk Fusion 360"
- Live Demonstration by Neurostellar Pvt Ltd- Neurorehabilitation - Brain Computer Interface applications
- Stall - Demonstratable Rehabilitation Devices



NEUROSTELLAR



SSN College of Engineering
Department of Biomedical
Engineering

organizes

Two Days Preconference

Workshop

on

“REHABILITATION”

Reinventing Rehab

March 18 - March 19, 2024

CONTACT

The Coordinators
Department of Biomedical Engineering
SSN College of Engineering
OMR, Kalavakkam
Chennai, Tamil Nadu - 603 110

REGISTRATION DETAILS

Registration link: Click [here](#)
Registration fees for Students- Rs.500
Registration fees for Faculty- Rs.1000

PAYMENT DETAILS

E-Payment - NEFT/SWIFT/Razorpay(Click [here](#))
Beneficiary Name :The Principal, SSN College of Engineering
Account No : 158100050070022
IFSC No : TMBL0000158
Bank : Tamilnad Mercantile Bank
Branch : Thiruvanimiyur, Chennai-600041
MICR : 600060010
SWIFT Code : SWIFT Code Tamilnad Mercantile Bank (TMB)



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CONVENOR

Dr. A. Kavitha
Professor & Head/BME

COORDINATORS

Dr. S. Saranya **Ms. B. Divya**
ssaranya@ssn.edu.in divyab@ssn.edu.in

Assistant Professors/BME

Sri Sivasubramaniya Nadar College of Engineering, (SSNCE) is the outcome of the vision and initiative of Padma Bhushan Dr. Shiv Nadar, a pioneer in the field of Information Technology. The Institution certified by NAAC (A ++ Grade), NBA, and ISO 9001:2008 reflects the ideals of its founder and seeks to achieve excellence as an academic institution and advanced research centre. The institution offers eight U.G. degree programmes in Mechanical, Civil, EEE, ECE, CSE, IT, Chemical and Biomedical Engineering. It also offers eleven P.G. degree programmes. The institution through its dedicated management and staff members is committed to promote research and provide quality education. It is a source of great pride to all of us that we have been ranked 5th among all the private engineering colleges in the country and ranked 36th among all the engineering colleges and 80th among all the educational institutions.

ABOUT THE DEPARTMENT

The department of Biomedical Engineering started in the year 2005 offering B.E Biomedical Engineering and M.E. Medical Electronics. The U.G. program is accredited by NBA and has been recognized as a research centre by Anna University in 2011 for pursuing Ph.D. programme. The department has 15 faculty members. Highlights of the department include industry-institute interactions with Neolight USA, Wild Box Technologies Singapore, NIEPMD, Philips, Siemens, National Instruments, Texas Instruments, and Signed MoUs with Drexel University USA, Birmingham City University UK.

ABOUT THE WORKSHOP

This meticulously designed workshop aims to equip the participants with essential skills and profound insights into the domain of rehabilitation engineering.

The workshop places a significant emphasis on fostering interdisciplinary collaboration, providing a platform for the exploration of innovative solutions alongside esteemed healthcare professionals and rehabilitation experts.

- Active participation in hands-on training with the latest tools in rehabilitation engineering.
- Exploration of entrepreneurial opportunities in assistive device development to meet the increasing demand for customized solutions.
- Comprehensive understanding and contribution to governmental initiatives promoting assistive technologies.
- Skill enhancement to address dynamic challenges in rehabilitation engineering.
- Advocacy for inclusive design principles, ensuring solutions are cutting-edge and universally accessible.
- Stimulating research and development within the field.
- Contribution to elevating public awareness about the transformative impact of rehabilitation engineering.

INVITED SPEAKERS



Dr K Mohanavelu, Scientist F
Defence Bio-Engineering and
Electro Medical Laboratory
(DEBEL), DRDO.



Dr S Sunder, MBBS, MD
Chief Medical Ergonomic
Consultant - Prem Ergo
Solutions.



**Dr Venkatasubramanian
Ganesan**
Professor of Psychiatry, National
Institute of Mental Health And
Neurosciences, Bengaluru, India.



Dr Sri Gowri Rajesh
Lecturer, Department of Clinical
Psychology, NIEPMD.



**Mr Jagadesh Kumar
Dhayalan**
Assistant Engineer (Biomedical),
Tamil Nadu Medical Services
Corporation Limited



Dr. Rajdeep Ojha
Associate Professor, Center for
Advanced Technology Enabled
Rehabilitation (CATER),
Department of Physical Medicine
and Rehabilitation, Christian
Medical College, Vellore