



## 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**

<http://www.icbsii.in/workshop.html>

## 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](mailto:ssaranya@ssn.edu.in) [divyab@ssn.edu.in](mailto: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**  
Secretary, Tamilnadu Biomedical  
Engineers Association



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