



Department of Psychiatry, AIIMS, New Delhi

Centre For Advanced Research and Excellence in Neuromodulation



# 4th Hands-on-Workshop & 7th National CME on Neuromodulation(rTMS)

Supported by:  
Neuromodulation Society(India)

Venue: Dr. Ramalingaswamy Board Room, AIIMS, New Delhi

**DAY 1**  
**14th December 2023**

TIME	TOPIC	SPEAKER	CHAIR
9:00 - 9:30 AM	Inaugural Address	<b>Dr. M Srinivas</b> Director, AIIMS, Delhi  <b>Dr. K.K. Verma</b> Dean(Academics), AIIMS, Delhi  <b>Dr. Rakesh K. Chadda</b> HOD, Psychiatry, AIIMS, Delhi  <b>Dr. Nand Kumar</b> Professor, Psychiatry, AIIMS, Delhi	
9:30 - 10:00 AM	Setting the Scene and Introduction	<b>Dr. Rakesh K. Chadda</b> HOD, Psychiatry, AIIMS, Delhi	
10:00 - 10:30 AM	CARE: Vision & Future	<b>Dr. Nand Kumar</b> Professor, Psychiatry, AIIMS, Delhi	
10:30 - 11:15 AM	Structural and Functional Neural Connectivity Relevant to Neuromodulation	<b>Dr. Tony George Jacob</b> Additional Professor, Anatomy, AIIMS, Delhi	<b>Dr. Rajesh Sagar</b> Professor, Child Psychiatry, AIIMS, Delhi
11:15 - 11:30 AM	Tea Break		

**DAY 1**  
**14th December 2023**

TIME	TOPIC	SPEAKER	CHAIR
11:30 - 12:15 PM	Neurophysiology: Understanding TMS Pulse Shapes and Patterns	<b>Dr. Suman Jain</b> Professor, Physiology, AIIMS, Delhi	<b>Dr. Shiv Prasad</b> HOD, Psychiatry LHMC, Delhi
12:15 - 1:00 PM	Understanding TMS machine, Coils and Stimulus Parameters	<b>Dr. Sai Krishna</b> Asso. Professor, Psychiatry, AIIMS, Bibinagar	<b>Dr. Shubh Mohan Singh</b> Professor, Psychiatry, PGIMER Chandigarh
1:00 - 2:00 PM	Lunch		
2:00 - 2:45 PM	TMS: An Approach to Selection of Patients and TMS Protocols	<b>Dr. Nishant Goyal</b> Professor, Psychiatry, CIP, Ranchi	<b>Dr. Pankaj Verma</b> Professor, Psychiatry, VMMC & Safdarjung Hospital
3:00 - 5:00 PM	Workshop – Module 1: Introduction to TMS System & Demonstration	<b>Dr. Shubh Mohan Singh</b> Professor, Psychiatry, PGIMER Chandigarh  <b>Dr. Nand Kumar</b> Professor, Psychiatry, AIIMS, New Delhi  <b>Dr. Sai Krishna</b> Associate Professor, Psychiatry, AIIMS Bibinagar	
7:00 - 9:00 PM	Dinner		

**DAY 2**  
**15th December 2023**

TIME	TOPIC	SPEAKER	CHAIR
9:00 - 9:45 AM	Mechanisms Underlying TMS: Focus on Neuroplasticity	<b>Dr. Daniel Wilson</b> Professor, Western University of Health Sciences, USA  <b>Dr. Vithyalakshmi Selvaraj</b> Founder, Owner and CMO, Omaha Insomnia and Psychiatric services	<b>Dr. Nand Kumar</b> Professor, Psychiatry, AIIMS, Delhi
9:45 - 10:30 AM	TMS in Substance Use Disorders: A Review	<b>Dr. Muralidharan Kesavan</b> Professor, Psychiatry, NIMHANS Bangaluru	<b>Dr. Roshan Bhad</b> Asso. Professor, Psychiatry AIIMS & NDDTC
10:30 - 11:15 AM	Combining TMS and FMRI: Developments & Update	<b>Dr. S Senthil Kumaran</b> Professor, Dept of N.M.R, AIIMS, Delhi	<b>Dr. Roopa Rajan</b> Asso. Professor, Neurology AIIMS Delhi
11:15 - 11:30 AM	TEA BREAK		
11:30 - 12:15 PM	TMS in Neuropsychiatric Disorders: A Review	<b>Dr. Parth Goyal</b> Sumandeeep Vidyapeeth University, Vadodra	<b>Dr. Muralidharan Kesavan</b> Professor, Psychiatry, NIMHANS Bangaluru
12:15 - 1:00 PM	tDCS in Psychiatry: Principles and Protocols with Demonstration	<b>Dr. Sujita Kumar Kar</b> Additional Professor, KGMC Lucknow	<b>Dr. Rohit Verma</b> Addl. Professor, Psychiatry AIIMS, Delhi

**DAY 2**  
**15th December 2023**

TIME	TOPIC	SPEAKER	CHAIR
1:00 - 1:30 PM	Legal Issues in Medicine Practice: Current Perspectives	<b>Dr. Maneesh Singhal</b> Member, Delhi Medical Council	<b>Dr. Prabhoo Dayal</b> Addl. Professor, Psychiatry, AIIMS & NDDTC
1:30 – 2:00 PM	Lunch		
2.00 – 4:00 PM	Workshop – Module2A: (a) Introduction to Protocols, Motor Threshold and Localization  (b) Motor Threshold – Hand Motor Area, Foot Motor Area  (c) Hands on practice	<b>Dr. Muralidharan Kesavan</b> Professor, Psychiatry, NIMHANS Bangaluru  <b>Dr. Parth Goyal</b> Sumandeep Vidyapeeth University, Vadodra	
4:00 - 4:30 PM	Workshop – Module 2B: Basics of Single-pulse and Paired-pulse TMS	<b>Dr. Priyanka Bhat</b> Research Associate, Department of NMR, AIIMS	
4:30 - 4:45 PM	Free learning and Q & A		
5:00 PM	Refreshments		

**DAY 3**  
**16th December 2023**

TIME	TOPIC	SPEAKER	CHAIR
9:00 - 9:45 AM	Approaches in Advanced Pediatric Psychiatric Treatment: Focus on TMS	<p><b>Dr. Raman Marwaha</b> Associate Professor, Case Western Reserve University</p> <p><b>Dr. Abhinav Singh</b> Case Western Reserve University</p>	<p><b>Dr. Gagan Hans</b> Asso. Professor Psychiatry, AIIMS, Delhi</p>
9:45 - 10:15 AM	Recapitulation of Previous Workshop Modules and Q&A	<p><b>Dr. Nand Kumar</b> Professor, Psychiatry, AIIMS, New Delhi</p>	
10:15 - 12:00 PM	Workshop Module 3 - Performing FDA Approved Protocol & Free Learning	<p><b>Dr. Parth Goyal</b> Sumandeep Vidyapeeth University, Vadodra</p> <p><b>Dr. Priyanka Bhat</b> Research Associate Dept of NMR, AIIMS</p>	
12:00 - 12:30 PM	Discussion		
12:30 - 1:15 PM	Developing and Ensuring minimum standards of Care for TMS in the context of Private Practice in India	<p><b>Dr. Achal Bhagat</b> Chairperson, Saarthak Senior Consultant Psychiatrist, Indraprastha Apollo Hospital, New Delhi</p> <p><b>Dr. Shailesh Jha</b> Consultant Psychiatrist Apollo Sarthak Mental Health Services, Delhi</p>	<p><b>Dr. Manushree Gupta</b> Professor, Psychiatry VMMC &amp; Safdarjung Hosp. Delhi</p>
1:15 - 1:30 PM	Concluding Remarks	<p><b>Dr. Nand Kumar</b> Professor, Psychiatry AIIMS, Delhi</p>	
1:30 - 2:30 PM	Lunch		