



Hands-on Workshop on Nerve Conduction Studies & Electromyography

Website Report | 23rd April 2026



Event Overview

Netaji Subhas Medical College & Hospital, Amhara, Bihta, Patna organized a Hands-on Workshop on Nerve Conduction Studies (NCS) and Electromyography (EMG) on 23rd April 2026. The programme was conducted by the Department of Physiology, NSMCH, Bihta, Patna under the auspices of the Association of Physiologists of India ASSOPI, Bihar Chapter.

The workshop was designed to provide practical exposure to the techniques, interpretation, and clinical application of NCS and EMG. It aimed to strengthen participants' understanding of neuromuscular diagnosis and help them perform and interpret studies with greater confidence.

The session included academic discussions, hands-on practice, case-based learning, and interaction with expert faculty. Participants were guided on the principles and instrumentation of NCS and EMG, motor and sensory nerve conduction studies, F-wave, H-reflex, late responses, and needle EMG techniques.

The programme witnessed active participation from PG students, senior residents, faculty members, and clinicians. The event reflected NSMCH's commitment to skill-based medical education, practical clinical learning, and continuous academic advancement.



Event Details and Academic Highlights

Event	Hands-on Workshop on Nerve Conduction Studies & Electromyography
Date	23rd April 2026
Organised by	Department of Physiology, NSMCH, Bihta, Patna
Under Auspices	Association of Physiologists of India ASSOPI (Bihar Chapter)
Venue	LT4 (Block-B, College Building), Dept. of Physiology, 2nd Floor, College Building
Participants	PG students, senior residents, faculty members and clinicians interested in neurophysiology
Credit Hours	BCMR 4 credit hours

Topics Covered	Speakers
<ul style="list-style-type: none">Basics of neurophysiology and neuromuscular transmissionPrinciples and instrumentation of NCS and EMGMotor and sensory nerve conduction studiesF-wave, H-reflex and late responsesNeedle EMG: technique and normal patternsEMG in neuromuscular disordersHands-on training on live modelsCase-based discussion and interpretation	<ul style="list-style-type: none">Dr. Yogesh Kumar - Professor & HOD, Dept. of Physiology, AIIMS PatnaDr. Kamlesh Jha - Professor, Dept. of Physiology, AIIMS PatnaDr. Sukirti Chauhan - MS, MCh (Neuro), FNS (Japan), Sankalp Multispeciality Hospital, AmbikapurDr. Sanjay Kumar - Dean & Professor, Dept. of Physiology, NSMCH, Bihta, Patna

Learning Outcomes

- Understand the principles and instrumentation of NCS and EMG.
- Perform motor and sensory nerve conduction studies.
- Record and interpret F-wave, H-reflex and late responses.
- Perform needle EMG and recognize normal patterns.
- Interpret findings in common neuromuscular disorders and apply learning in clinical practice.



Netaji Subhas Medical College & Hospital

Amhara, Bihta, Patna, Bihar - 801106



Attached Event Collage

Netaji Subhas Medical College & Hospital Amhara, Bihta, Patna (801106)



HANDS-ON WORKSHOP ON NERVE CONDUCTION STUDIES & ELECTROMYOGRAPHY | 23RD APRIL 2026





Netaji Subhas Medical College & Hospital

Amhara, Bihta, Patna, Bihar - 801106



Attached Poster / Invitation




Netaji Subhas Medical College & Hospital

Amhara, Bihta, Patna, Bihar - 801106

Hand on Workshop on Nerve conduction studies & Electromyography

Organised by
Dept. of Physiology, NSMCH, Bihta, Patna

Date:
23rd April 2026

Venue: LT4 (Block-B, College Building)
Dept. of Physiology (2nd Floor, College Building)

Under Auspices Association of Physiologists of India ASSOPI (Bihar Chapter)

Speakers:



Dr. Yogesh Kumar
Professor Dept. of Physiology
AIIMS, Patna



Dr. Kamlesh Jha
Professor Dept. of Physiology
AIIMS, Patna



Dr. Sukirti Chauhan
MS, MCh(Neuro), FNS(Japan)
Sankalp Multispeciality Hospital
Ambikapur



Dr. Sanjay Kumar
Dean & Professor Physiology
NSMCH, Bihta, Patna

BCMR 4 Credit hours

Hands on Workshop by Team of RMS, Instrument

FREE REGISTER

9031015770 / 9102403264

admin@nsmch.com | www.nsmch.com





Netaji Subhas Medical College & Hospital

Amhara, Bihta, Patna, Bihar - 801106



Attached Brochure / Detailed Programme

ABOUT THE WORKSHOP

Nerve Conduction Studies (NCS) and Electromyography (EMG) are essential diagnostic tools in neuromuscular disorders. This hands-on workshop is designed to provide practical exposure to the techniques, interpretation, and clinical applications of NCS and EMG, enabling participants to perform and interpret studies with confidence.



TOPICS COVERED

- Basics of Neurophysiology & neuromuscular transmission
- Principles and instrumentation of NCS & EMG
- Nerve conduction study: motor & sensory
- F-wave, H-reflex & late responses
- Needle EMG: technique & normal patterns
- EMG in neuromuscular disorders
- Hands-on training on live models
- Case-based discussion & interpretation



WHO CAN PARTICIPATE?

PG Students, Senior Residents, Faculty and Clinicians interested in Neurophysiology.

SPEAKERS



Dr. Yogesh Kumar
Professor & HOD
Dept. of Physiology
AIMS, Patna



Dr. Kamlesh Jha
Professor
Dept. of Physiology
AIMS, Patna



Dr. Sukirti Chauhan
MS, MCh (Neuro), FNS(Japan)
Sankalp Multispecialty Hospital
Ambikapur



Dr. Sanjay Kumar
Dean & Professor
Dept. of Physiology
NSMCH, Bihta, Patna

ORGANISING COMMITTEE

ORGANISING CHAIRPERSON

1. Dr. Malti Kumari
PROFESSOR & HOD

ORGANISING SECRETARY

1. Dr. Sanjay Kumar, Dean & Professor
2. Dr. Pallavi Anand, Associate Professor



**HANDS ON WORKSHOP BY
TEAM OF RMS, INSTRUMENT**

PATRONS

Hon'ble KRISHNA MURARI
Managing Director, NSMCH

Prof. (Dr.) HARIHAR DIKSHIT
Principal, NSMCH

Prof. (Dr.) UDAY NARAYAN SINGH
Medical Suprintendent, NSMCH

MENTORS

Prof.(Dr.) RAMJI PRASAD SINGH
Joint Director, NSMCH

Prof.(Dr.) ARVIND PRASAD
Joint Director, NSMCH

Prof.(Dr.) ASHOK SHARAN
Director (HR), NSMCH

Prof.(Dr.) RANJIT KUMAR SINGH
Medical Director, NSMCH

REGISTRATION DETAILS



BCMR
4 Credit hours



FREE
REGISTRATION

Registration is mandatory. Limited seats available.

SCAN TO REGISTER



IMPORTANT DATES

- Last Date of Registration: 18th April 2026
- Intimation of Selection: 20th April 2026

CONTACT US

9031015770 / 9102403264
admin@nsmch.com
www.nsmch.com



Netaji Subhas Medical College & Hospital

Amhara, Bihta, Patna, Bihar - 801106

HANDS ON WORKSHOP ON

NERVE CONDUCTION STUDIES & ELECTROMYOGRAPHY

Organised by
Dept. of Physiology, NSMCH, Bihta, Patna

Under Auspices
Association of Physiologists
of India ASSOPI
(Bihar Chapter)

23rd April 2026

Venue:
LT4 (Block-B, College Building)
Dept. of Physiology (2nd Floor,
College Building)



LEARNING OUTCOMES

- Understand the principles and instrumentation of NCS & EMG
- Perform motor and sensory nerve conduction studies
- Record and interpret F-wave, H-reflex and late responses
- Perform needle EMG and recognize normal patterns
- Interpret findings in common neuromuscular disorders
- Apply learning in clinical practice



WORKSHOP HIGHLIGHTS

- Hands-on practice on live models
- Interactive sessions with experts
- Case-based discussions
- Participation certificate
- Tea, Lunch & Workshop kit

TENTATIVE SCHEDULE

Time	Session
09:00 – 09:30 AM	Registration & Inauguration
09:30 – 10:30 AM	Basics & Instrumentation
10:30 – 11:30 AM	Motor & Sensory NCS
11:30 – 11:45 AM	Tea Break
11:45 – 01:15 PM	F-wave, H-reflex & Late Responses
01:15 – 02:00 PM	Lunch Break
02:00 – 03:30 PM	Needle EMG: Technique & Patterns
03:30 – 04:30 PM	Case Discussion & Interpretation
04:30 – 05:00 PM	Valedictory & Certificate Distribution

SCIENTIFIC & WORKSHOP COMMITTEE

1. Dr. Pallavi Anand, Associate Professor
2. Dr. Jay Prakash Singh Rajput, Associate Professor
3. Dr. Sunil Kumar, Assistant Professor
3. Dr. Sunilvardhan, Assistant Professor
5. Dr. Indira Jha, Assistant Professor
6. Dr. Suchita Kumari, Assistant Professor
7. Dr. Rupam, Senior Resident
8. Dr. Mid Akmal Ansari, Tutor
9. Dr. Saurabh Kumar, JR-PG
10. Dr. Shikha Kumari, JR-PG
11. Dr. Neha Nupur, JR-PG

RECEPTION COMMITTEE

1. Mr. ADITYA KUMAR
2. Mr. SHUBHAM SHARMA
3. Mr. RAJESH DAS
4. Mr. PINTU KUMAR

“ LEARN. PRACTICE. INTERPRET. EXCEL. ”
Advancing Neuromuscular Diagnostics Together