



ABOUT NIPER GUWAHATI

Established in 2008 as an "Institute of National Importance" under the Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India, the National Institute of Pharmaceutical Education and Research (NIPER), Guwahati, stands as the premier hub for pharmaceutical advancement in the Northeast. Operating from its state-of-the-art campus in Changsari, Assam, the institute consistently ranks among India's top pharmacy institutions in the NIRF rankings. NIPER Guwahati offers elite postgraduate and doctoral programs—including M.S. (Pharm.), M.Pharm., M.Tech. (Pharm.), and Ph.D. degrees—across diverse disciplines like biotechnology, pharmaceuticals, and pharmacology. By uniquely leveraging the rich biodiversity of the northeastern region, the institute pioneers groundbreaking research in drug discovery, medical devices, and phytopharmaceuticals. Committed to bridging the gap between academia and industry, NIPER Guwahati fosters translational research, robust industrial collaborations, and global healthcare innovation, making it an ideal destination for aspiring pharmaceutical professionals.

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The secretary
Department of Pharmaceuticals
Ministry of Chemicals &
Fertilizers
Government of India.

Patron

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Director, NIPER Guwahati

Convener

Dr P. Radhakrishnanand

Professor & Head
Department of Medical Devices,
NIPER Guwahati.

Organizing Secretary

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Assistant Professor
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**NATIONAL INSTITUTE OF
PHARMACEUTICAL EDUCATION AND
RESEARCH (NIPER) GUWAHATI**

Dept. of Medical Devices, Ministry of Chemicals
& Fertilisers, Govt. of India

Department of Medical Devices

presents

Symposium

on

Emerging Trends in the Development of Medical Devices

In association with



SUN PHARMA
SCIENCE FOUNDATION

Sun Pharma Science Foundation

4-5th September 2026

NIPER-Guwahati, Mini Auditorium

02:00 PM Onwards

ABOUT DEPARTMENT OF MEDICAL DEVICES, NIPER GUWAHATI

The Department of Medical Devices was established in 2020 at NIPER Guwahati. The department offers interdisciplinary PG Diploma, M.Tech., and Ph.D. programmes focused on education, research, and innovation in medical technologies. The discipline encompasses a broad range of teaching and research areas, including biosensors, microfluidics, wearable sensors, biomaterials, medical device design and development, regulatory science, and healthcare technologies. The department is supported by specialized facilities such as the CAD-CAM Laboratory, Biosensor Laboratory, Biomaterials and Biofabrication Laboratory, and the Medical Devices Testing and Calibration Facility (MDTF)—the first government-accredited laboratory dedicated to medical device calibration in Northeast India.

Symposium Program (Tentative)

Day 1 – Friday, 4th September, 2026

02:00 – 2:30 PM	Registration
02:30 – 3:00 PM	Welcome address & Symposium inauguration
03:00 – 4:00 PM	Talk 1: Medical Device Innovation and Entrepreneurship (Research to Reality) Prof. B Ravi
04:00 – 4:30 PM	Tea break.
04:30 – 5:15 PM	Talk 2: Session on MEMS medical device development Prof. MM Nayak
05:30 – 6:30 PM	Prototype demonstration session
7:30 PM	Networking Dinner

Day 2 – Saturday, 5th September, 2026

10:00 – 10:45 AM	Talk 3: Session on clinical expertise in medical devices. Prof. Phulen Sarma
10:45– 11:30 PM	Talk 4: Industry session on their ongoing activity on medical devices Mr. Mayank Kakkar
11:30 – 12:00 AM	Tea break.
12:00 – 12:45 PM	Talk 5: Session on regulatory framework on Medical Devices in India Dr Taruna Madan Gupta
01:00 – 02:00 PM	Lunch
02:00 – 02:45 PM	Panel Discussion : Future of Medical Device Innovation in India
03:00 – 04:00 PM	Valedictory

ABOUT SUN PHARMA SCIENCE FOUNDATION, INDIA

The Sun Pharma Science Foundation (SPSF) is an independent non-profit organization established to promote excellence in medical and pharmaceutical research in India. The Foundation is dedicated to encouraging scientific innovation by recognizing outstanding contributions and fostering a culture of research, innovation, and academic excellence across healthcare-related disciplines.

Through its various awards, scientific initiatives, educational programs, and academic engagements, SPSF supports researchers, clinicians, and academicians in advancing knowledge and addressing contemporary healthcare challenges. Guided by its mission to promote medical and pharmaceutical research by rewarding excellence and identifying sources of knowledge and expertise, the Foundation continues to contribute significantly to the growth of scientific research, innovation, and capacity building in India.

ABOUT THE SYMPOSIUM

The symposium focuses on emerging trends in medical device development and their role in advancing modern healthcare. It brings together experts from academia, industry, and clinical practice to discuss cutting-edge innovations in biosensors, point-of-care diagnostics, wearable technologies, implants, smart medical instrumentation, and regulatory science that are shaping the future of patient care and healthcare delivery.

INVITED SPEAKERS

Prof. B Ravi

Director, National Institute of Technology, Surathkal

Prof. M.M Nayak

CeNSE
Indian Institute of Science,
Bangalore

Mr. Mayank Kakkar

Senior Manager RAQA
Stryker Global Technology Center
Gurgaon, India.

Prof. Phulen Sarma

All India Institute of Medical
Sciences, Guwahati

Dr. Taruna Madan Gupta

Scientist G & Head
Development Research
ICMR, New Delhi

Registration Link

<https://niperguwahati.in/mdevent/>

Registration Fee

Delegates	Fee (INR)
Students & Research scholars	250 /-
Professionals	500 /-

Seats are limited. Registrations will be accepted on a first-come, first-served basis.

Contact Details

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