

SOCIETY FOR NEUROCHEMISTRY, INDIA (SNCI)
BRAINS AT WORK TO KNOW HOW BRAIN WORKS



INTERNATIONAL SEMINAR CUM WORKSHOP ON **"ECONOMIC AND SOCIAL IMPACT OF MEDICAL DEVICES ON THE HEALTHCARE SECTOR IN THE COUNTRY"**

Sub-Theme: Growth of Medical Devices in India- Towards AtmaNirbhar Bharat
Dates: 28th to 30th April, 2022

Organised by the Design Innovation Centre (DIC) and Department of Biomedical Engineering, NEHU, Shillong, Meghalaya

Jointly sponsored by ICSSR NERC, NEHU and DIC, NEHU

VENUE

Seminar Room, Department of Biomedical Engineering
North-Eastern Hill University
Shillong-793022, Meghalaya, India


REGISTRATION LINK: <https://bit.ly/NehuICSSR>

PROGRAM LINK: <https://meet.google.com/ovk-mccb-caa>



About the Event:

There is a big disconnect between Medical institutions and industries in India. The education in the medical technology field is the backbone of the healthcare ecosystem. Quality is of paramount importance for medical products. Indian industries are currently focusing on affordability, not on quality. For long, India has struggled to provide quality, affordable healthcare to all its citizens. Instead of the conventional route, for disruption and affordable quality, the focus should be on innovation rather than indigenisation. For innovation, medical technology education should be strengthened. A certain percent of the industry's income could be spent on R&D activities, as consultancy projects to educational institutes. India strength in local traditional medical systems, focusing on wellness, prevention rather than cure, could focus on disruptive innovation. Medical Technology provides a massive opportunity for both the educational institutes and the industry to work synergistically. It can bridge the distance between the caregiver and the patient, thereby helping patients remotely access specialist and specialised equipment present in large cities far away. Technological advancements in health monitoring and diagnostics help detect health issues early on, reducing the overall cost of care and enhancing society's wellness levels. To realise this opportunity, both the educational institutes and the industry need to make concerted efforts. The educational institutes require to streamline the training in a manner that makes graduates ready for the industry. The industry needs to customize its business models to suit Indian markets. Medical device segments that provide sizeable opportunities and require a moderate level of technical expertise should be prioritised for manufacturing in India. Finally, India should embrace the path of innovation in the MedTech industry that makes its products and solutions tailored made for the country's opportunities and constraints. India can be self-reliant in the Medical Technology sector by capitalising on this Medical Technology revolution and if all stakeholders play their respective roles. In doing so, we stand a good chance of realising the vision of providing healthcare to all its citizens. The aim of this three day event being jointly organised by the Design Innovation Centre(DIC) and Department of Biomedical Engineering, NEHU, Shillong, Meghalaya is to bring forth experts from academia, industry, healthcare institutions, different government agencies, medical experts, venture capitalists etc. to deliberate, outline vision and provide roadmap for development of the medical technology sector in the country and how it would help in developing the north east part of the country with its abundant resources and untapped talent to meet the growing needs of the healthcare market in the country. The deliberations would also be on the economic and social impact of the medical device development on the healthcare in the country and the region at large. The scenario as prevalent in the 1970s vis-à-vis the present medical technology scenario would deliberate upon by chosen experts from the field who have made a lasting impact on the Indian healthcare market. It would be an opportunity for the youngsters to gain experience and learn new insights in the developing the healthcare market. Selected experts from the healthcare sector such as NEIGRIMS, NEIAH, CMC, Vellore etc. would be deliberate, outline vision and provide roadmap for the design and development of the medical technology sector for the country. Chosen Experts from IIM Calcutta Innovation Park, AMTZ, Visakhapatnam, IIT, Madras, and PRIME Hub, Government of Meghalaya would be invited to help interns learn about Entrepreneurship and Start-ups through practical problem solving and modern business practices. International industry Experts from Australia and Canada along with local entrepreneurs from the region and outside would be deliberating during the event.





PROGRAM SCHEDULE



Time Day	9:30-11:00 AM	11:00 AM to 11:30 AM	11:30 AM to 1PM	1 PM to 2 PM	2PM to 3 PM	3PM to 3:30 PM	3:30 PM to 5 PM
DAY 1	Inauguration Programme of Seminar *Short Introductory Session by Officials from NEHU, ICSSR, NEIGHRIMS, DIC, Govt. of Meghalaya, Industry, etc.	TEA/ COFFEE BREAK	Keynote Talk I: Prof. M. Manivannan, IIT Madras Future of Wellness care in India	LUNCH BREAK	Keynote Talk II: Dr. J.K. Sharma, MD and CEO, AMTZ and Executive Director KIHT, Vishakapatnam India as Global Leader in Medical Technology	TEA/ COFFEE BREAK	Industry Talk: Dr. Sanjeev Kubakaddi, ITIE Knowledge Solutions, Bangalore Brain Computer Interface - Trends and Opportunities
DAY 2	Mr. Rajiv Varyani, Ontario Ministry of Health, Canada Evolving Healthcare Models	TEA/ COFFEE BREAK	Dr. Abhigyan Bhattacharjee NEHU, Tura, Meghalaya Entrepreneurship and Start up: From Lab to market Industry Talk: Mr. Vipin Tyagi, Inmito Meditech Pvt. Ltd. Medical Devices- Sunrise sector for Indian economy	LUNCH BREAK	Dr. Lahunlang M. Sohliya CMC, Vellore 3D Printing Patient Assistive Devices Industry Demonstration: Mr. Deepak Laloo and Mr. Srujan Hands on Demonstration on 3D printing and its future in healthcare	TEA/ COFFEE BREAK	Mr. Flo Oberhofer Prime Hub, Government of Meghalaya and IIM, Calcutta Innovation Park The Entrepreneurship Ecosystem of Meghalaya and the Role of PRIME Prof Prakash Babu, General Secretary, SNCI Role of SNCI in Healthcare
DAY 3	Keynote Talk: Dr. Mukesh Jain Australia CEO CV Laser Pty Ltd., Australia Business Opportunities and Challenges in Healthcare in India and abroad	TEA/ COFFEE BREAK	Keynote Talk: Dr. Subhrangshu Sanyal CEO, IIM Calcutta Innovation Park Innovation Technology Commercialization	LUNCH BREAK	Brainstorming Session: The Way forward Panel discussion with Healthcare startups - Moderator Ms. Namami Ghosh, IIM, Calcutta Innovation Park and Experts from NEHU, ICSSR, DIC, NEHU, Academia, Industry, Hospital etc.	TEA/ COFFEE BREAK	Seminar Valedictory Programme by officials of NEHU, ICSSR, DIC etc.



SPEAKERS



**Dr. Jitendra Sharma,
MD and CEO, AMTZ and Executive
Director, KIHT, Vishakapatnam**



**Dr. Neeta Mahesekar
Director, NEIAH, Shillong**



**Dr. Mukesh Jain,
Chairman and CEO, CV
Laser Pvt Ltd, Australia**



**Mr. Vipin Tyagi, Director and Co-
Founder, Inmito Meditech Pvt.
Ltd., Delhi**

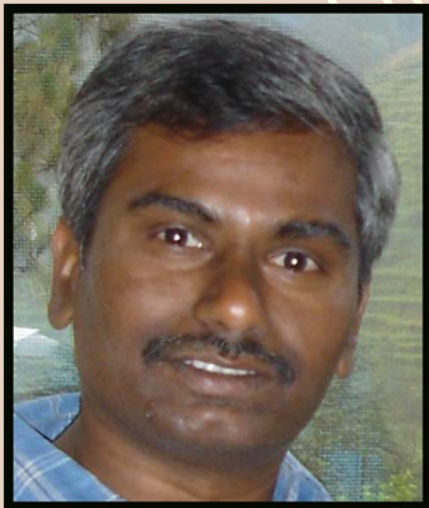


**Mr. Rajiv Varyani
Senior Program Consultant,
Ontario Ministry of Health,
Canada**



**Dr. Sanjeev Kubakaddi, ITIE
Knowledge Solutions,
Bangalore**

SPEAKERS



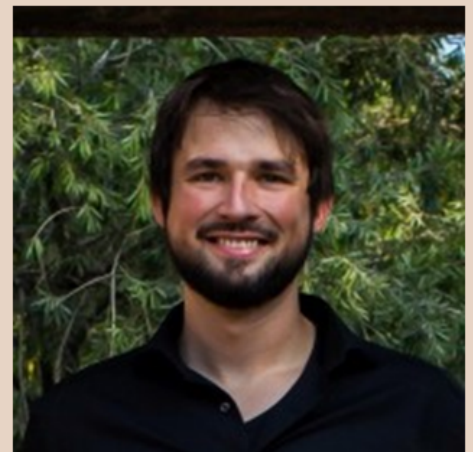
**Prof.M.Manivannan, IIT
Madras**



**Prof. (Dr.) C. Daniala Medical
Superintendent & HoD,
Department of Radiology,
NEIGHRIMS, Shillong**



**Dr.Subhrangshu Sanyal, CEO,
IIM Calcutta Innovation Park**



**Flo Oberhofer
German Social Entrepreneur,
Program Head PRIME Meghalaya
and IIM Calcutta Innovation Park**



**Prof. Prakash Babu,
General Secretary, SNCI,
University of Hyderabad**



**Dr.Abhigyan Bhattacharjee,
NEHU, Tura Campus**

SPEAKERS



**Dr. Lahunlang M. Sohliya,
CMC, Vellore**



**Mr. Deepak D Laloo
Advisor, Rural Tourism
Developer Meghalaya
Additive Manufacturing
Advocate**



**Mr. Srujan Kotum
Co-Founder, Le Organica
3D Printing Engineer &
Educator**



**Mr. Chancharick Choudhury
Founder
Turbit, Shillong**

EVENT ORGANIZERS



Prof. P.S. Shukla
CHIEF GUEST
Vice Chancellor, NEHU,
Shillong, Meghalaya



Prof. Bhagirathi Panda
Honorary Director, ICSSR-
NERC, NEHU, Shillong



Prof. Don Syiem
Director, Design Innovation
Centre, NEHU, Shillong



Dr. Dinesh Bhatia,
Coordinator, NEHU,
Shillong



Dr. Punit Gautam,
Joint Coordinator,
NEHU, Shillong

INAUGURAL CEREMONY

Venue: SEMINAR ROOM, BME DEPARTMENT,
NEHU, Shillong

TIME(IST)	EVENT
9:30-9:45AM	Registration and welcome to all Participants
9:45-9:50 AM	Welcome Speech by Dr. Dinesh Bhatia , Coordinator, ICSSR Seminar and Workshop
9:50-10:00 AM	Introductory Address about ICSSR Seminar and Workshop by Prof. Don Syiem , Director, Design Innovation Centre, NEHU, Shillong
10:00-10:10 AM	Address by Dr. Jitendra Sharma , MD and CEO, AMTZ and Executive Director KIHT and Invited Guest of Honor
10:10-10:20 AM	Address by Dr. Sanjiv S. Nongbri , Joint Director, Health Research, Govt. of Meghalaya
10:20-10:30 AM	Address by Prof. B. Panda , Hon. Director, ICSSR-NERC, NEHU, Shillong
10:30-10:40 AM	Address by Prof. P.S. Shukla , Hon'ble Vice Chancellor and Chief Guest, NEHU, Shillong
10:40-10:50 AM	Address by Prof. Neeta Mahesekar , Director, NEIAH, Shillong and Invited Guest
10:50-11:00 AM	Address by Prof. C. Daniala , HoD, Radiology Department, NEIGHRIMS, Shillong and Invited Guest
11:00-11:05 AM	Felicitation of Invitees and Dignitaries
11:05- 11:10 AM	Vote of Thanks by Dr. Punit Gautam , Joint Coordinator, ICSSR Seminar and Workshop