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

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 NEIGHRIMS, 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.
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<th>Time</th>
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<th>Inauguration Programme of Seminar *Short Introductory Session by Officials from NEHU, ICSSR, NEIGHRIMS, DIC, Govt. of Meghalaya, Industry, etc.</th>
<th>Keynote Talk I: Prof. M. Manivannan, IIT Madras Future of Wellness care in India</th>
<th>Keynote Talk II: Dr. J.K. Sharma, MD and CEO, AMTZ and Executive Director KIIT, Vishakapatnam India as Global Leader in Medical Technology</th>
<th>TEA/COFFEE BREAK</th>
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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, InmitoMeditech Pvt. Ltd., Delhi

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

Dr. Sanjeev Kubakaddi, ITIE Knowledge Solutions, Bangalore
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 Sylem
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

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