

# Taiwan-India 2022 Exchange Workshop and Symposium on Intensifying the Connection of Sustainable Technology

**Date:** 4 – 6, September 2022

**Venue:** IIT-Guwahati, Guwahati, India

## Agenda

**Day 0: September 4, 2022**

**Social Interaction Cum Networking Session (18:00 - 22:00)**

**Day 1: September 5, 2022**

**Conference Hall 1**

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| <b>Opening Ceremony</b> |   |
|-------------------------|---|
| 9:30 - 10:30            | <ul style="list-style-type: none"><li>• <b>Prof. Dr. T. G. SITHARAM</b>, Director of IIT-Guwahati</li><li>• <b>Dr. Rajiv KUMAR</b>, Scientist E, Department of International cooperation, DST</li><li>• <b>Prof. Sandeep VERMA</b>, Department of Chemistry, IIT-Kanpur, India</li><li>• <b>Prof. Chin-Tsan WANG</b>, Counsellor &amp; Director, Science and Technology Division, Taipei Economic and Cultural Center in India, National Science and Technology Council, R.O.C. (Taiwan)</li><li>• <b>Dr. Sivaji Chadaram</b><br/>Vice Chancellor, Saveetha Institute of Medical and Technical Sciences, India</li><li>• <b>Shri Lakshmanan S, IAS</b>, Secretary to the Government of Assam, Industries, Commerce &amp; PE Department, Assam</li><li>• <b>Prof. Mihir Kumar Purkait</b>, Dean, Alumni and External Relations, IIT Guwahati, India</li><li>• <b>Prof. Vimal Katiyar</b>, Dean, Research and Development, IIT Guwahati</li></ul> |
| 10:40 - 11:00           | <b>Progress of Indo-Taiwan Joint project (Taiwan)</b><br><b>Prof. Chin-Tsan WANG</b> , Counsellor & Director, Science and Technology Division, Taipei Economic and Cultural Center in India, National Science and Technology Council, R.O.C. (Taiwan)   |
| 11:00 - 11:20           | <b>Progress of Indo-Taiwan Joint project (India)</b><br><b>Dr. Rajiv KUMAR</b> , Scientist E, Department of International cooperation, DST  |
| 11:20 - 11:40           | <b>Industrial Prospects in Assam,</b>   |

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|  | <b>Shri Lakshmanan S, IAS</b><br>Secretary to the Government of Assam, Industries, Commerce & PE Department, Assam  |
| 11:40-12:00  | <b>Group Photo &amp; Tea Break</b>  |
| 12:00-13:30  | <b>Workshop on Sustainable Polymer Technologies for Young Scientists and Scholars</b><br><b>Conference Hall 2</b>   |
| <b>Keynote Speaker Session I</b> <b>Conference Hall 1</b><br><i>Chairman: Dr. Sivaji Chadaram</i>  |   |
| 12:00 – 12:20  | Applied semi-conductor technology and communication (Taiwan)<br><b>Prof. Meng-Hsueh CHIANG</b><br>Director, Institute of Microelectronics Engineering, National Cheng Kung University, Taiwan   |
| 12:20 – 12:40  | Applied Semi-Conductor Tech. & Communication (IIT Guwahati)<br><b>Prof. Roy P. PAILY</b><br>Head, Dept. of EEE, IIT Guwahati, India   |
| 12:40 – 13:00  | <b>Prof. Suchandan PAL</b><br>Chief Scientist & Head, Semiconductor Sensors and Microsystems Group, India   |
| 13:00 - 13:20  | Hydrogen economy (Taiwan)<br><b>Prof. Chung-Jen TSENG</b> Distinguished Professor, Director, Center for Energy Research, Department of mechanical engineering, National Central University, Taiwan  |
| 13:30 - 14:30  | <b>Lunch/Break</b><br><b>E-poster for Indo-Taiwan joint project</b><br><b>Academic Poster</b>   |
| 14:30-16:30  | <b>Brainstorming Session &amp; Panel Discussion on Sustainable Manufacturing (Role of IITG-CRTDH for Industries)</b><br><i>Chairman: Dr. Vipin SHUKLA, Scientist-F, DSIR, India</i><br><i>Co-chairman: Shri Sabyasachi DHAR, Head, BIS, NER</i><br><b>Conference Hall 3</b> |
| 14:30-16:30  | <b>Training Programme on Biopolymers Edible Coatings to Farmers of Kamrup Districts by BioTech-Kisan HUB-IITG</b><br><b>Conference Hall 2</b>   |
| <b>Keynote Speaker Session II</b> <b>Conference Hall 1</b><br><i>Chairman: Prof. Gautam Biswas</i> |   |
| 14:30 - 14:50  | <b>Prof. Sandeep VERMA</b><br>Department of Chemistry, IIT-Kanpur, India, Secretary of Science and Engineering Research Board (SERB), Department of Science and Technology, India   |
| 14:50 - 15:10  | <b>Prof. Gautam BISWAS (online)</b><br>Professor, Department of Mechanical Engineering, IIT Kanpur, India   |
| 15:10 - 15:30  | <b>Prof. V. V. GOUD</b><br>Head, School of Energy Science and Technology, IIT Guwahati, India   |

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| 15:30 - 15:50  | <b>Prof. Sanjukta PATRA</b><br>Head, School of Agro and Rural Technology, IIT Guwahati, India  |
| 15:50 – 16:10  | <b>Prof. Pralay MAITI</b><br>School of Materials science & Technology, IIT BHU, India  |
| 16:30 - 18:00  | <b>Panel discussion on Entrepreneurship, establishing successful collaborations and availing funding opportunities</b><br><b>Conference Hall 3</b>     |
| <b>Keynote Speaker Session III</b> <b>Conference Hall 1</b><br><i>Chairman: Prof. Chyi-How Lay</i> |  |
| 16:10 - 16:30  | <b>Prof. Wei-Hsin CHEN (Online)</b><br>Chair Professor, Department of Aeronautics and Astronautics, National Cheng Kung University, Taiwan             |
| 16:30 - 16:50  | <b>Dr. Thallada BHASKAR</b><br>Head of Materials Resource Efficiency Division, CSIR-Indian Institute of Petroleum Dehradun, India                      |
| 16:50 - 17:10  | <b>Prof. Pao-Ann HSIUNG</b><br>Professor, Computer Science and Information Engineering, National Chung Cheng University, Taiwan                        |
| 17:10-17:30  | <b>Dr. Vinoth Kumar PONNUSAMY</b><br>Associate Professor, Department of Medical University and Applied Chemistry, Kaohsiung Medical University, Taiwan |
| 17:30-17:50  | <b>Prof. Amaresh DALAL</b><br>Dept. of Mechanical Engineering, IIT Guwahati, India   |
| 17:50-18:10  | <b>Prof. Ram Sharan SINGH</b><br>Dept. of Chemical Engineering & Technology, IIT-BHU, India  |
| 19:30 - 22:00  | <b>Cultural Program and Conference Dinner</b>  |

| <b>Day 2: September 6, 2022</b><br><b>Conference Hall 1</b>   |   |
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| <b>Taiwan and India Technology Industry Experiment Exchange Session</b><br><i>Chairman: Dr. Pao-Dong CHEN</i> |   |
| 10:00 - 10:05   | <b>Opening address</b>  |
| 10:05 - 10:10   | <b>Group photo</b>  |
| 10:10 - 10:25   | <b>Taisys Technologies Co. Ltd., Taiwan</b><br>CEO, Jason HO  |
| 10:25 - 10:40   | <b>CINDA Engineering &amp; Construction Pvt. Ltd. (CINDA)</b><br>Managing Director, Chung-Hsing WANG              |
| 10:40 - 10:55   | <b>EVER-CLEAR Environmental Eng. Corp., Taiwan</b><br>Dr. Yu-Jen Huang  |
| 10:55 - 11:10   | <b>Delta Electronics, Inc., Taiwan</b>  |
| 11:10 - 11:25   | <b>Numaligarh Refinery Limited, India</b><br>SCGM (Corporate Affairs)<br>Mr. Nikunja Borthakur                    |
| 11:25 - 11:40   | <b>Oil India Limited, India</b><br>CGM (R&D)<br>Dr. Neeraj Mathur   |
| 11:40 - 11:55   | <b>FINER, India</b><br>President<br>Mr. Bajrang Lohia   |
| 11:55 - 12:45   | <b>Round Table Discussion</b>   |
| 12:00 - 13:30   | <b>Workshop on Sustainable Polymer Technologies for Young Scientists and Scholars</b><br><b>Conference Hall 2</b> |
| 12:45 - 13:10   | <b>Panel Discussion</b>   |
| 13:10 - 14:30   | <b>Lunch</b>  |
| <b>New Venture Experiment Sharing Session</b><br><i>Chairman: Prof. Pao-Ann HSIUNG</i>                        |   |
| 14:30 - 14:45   | <b>Taiwan-India Joint Research Center on Artificial Intelligence, Taiwan</b><br>Prof. Pao-Ann HSIUNG              |
| <b>Group photo</b>  |   |

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| 14:45 - 15:00                          | <b>Taisys Technologies Co. Ltd., Taiwan</b><br>Chairman, Jason HO  |
| 15:00 - 15:15                          | <b>National Cooperative Development Corporation (NCDC), Ministry of Cooperation, Gol, North East Regional Directorate, India</b><br>Director, Robert H Touthang                                    |
| 15:15 - 15:30                          | <b>ShivOm Dayal Energy, India</b><br>CEO, Ashish Ahuja   |
| 15:30 - 15:45                          | <b>Agro-Bio Energy-economic Circulatory Community, Taiwan</b><br>Prof. Chyi-How LAY  |
| 15:45 - 16:00                          | <b>Nasscom Center of Excellent IoT and AI, India (熊老師)</b>   |
| 16:00 - 16:15                          | <b>Eco-Energy Technology Co. Ltd., Taiwan</b><br>General manager Ray Lin   |
| 16:15 - 16:30                          | FINER, India industry meet for funding opportunities   |
| 16:00 - 16:45                          | <b>Special farmer education session on Role sustainable polymers in Mushroom Cultivation BioTech-Kisan HUB-IITG (KVK Team)</b><br><b>Dr. Dharendra Nath Kalita</b><br><b>Dr.Madhusmita Katakya</b> |
| <b><u>On-site Visiting Session</u></b> |  |
| 17:00 -19:00                           | <b>Visiting Centre for Sustainable Polymers and<br/>Centre for Nanotechnology</b>  |
| 19:30 - 22:00                          | <b>Dinner</b>  |