



**INDO-US CONFERENCE - II**  
**ON**  
**THE SCIENCE OF MATHEMATICAL**  
**MODELING,**  
**AND DECISION-MAKING:**  
**A CHANGING TRAJECTORY INTO THE**  
**FUTURE,**  
**FROM PAST TO POST COVID-19 PANDEMIC**  
**October 28th - 30th, 2021**



## Tentative Schedule

<b>Day 1: Thursday, October 28<sup>th</sup>, 2021</b>	
<b>Day 1: Morning Session</b>	
08:15 am – 08:30 am (India-IST)	<i>Lighting the Ceremonial Lamp and Vedam Chanting</i>
08:30 am – 08:45 am (India-IST)	<i>Welcome Remarks</i> Dr. Krishna Kiran Vamsi Dasu, DMACS, SSSIHL
08:45 am – 09:00 am (India-IST)	<i>Introductory Remarks &amp; Setting the Tone for the Conference</i> Dr. Anuj Mubayi PRECISIONheor, Illinois State University
09:00 am – 09:30 am (India-IST)	<i>Inaugural Address</i> Dr. C. B. Sanjeevi Vice Chancellor, SSSIHL
09:30 am – 10:15 am (India-IST)	<i>Special Keynote Address</i> Dr. Gautam Menon Ashoka University, Haryana

10:15 am – 11:00 am (India-IST)	<b><i>Plenary Address</i></b> Dr. Sudha Seshayyan Vice-Chancellor, The TamilNadu Dr. MGR Medical University
11:00 am – 11:15 am (India-IST)	<b>Break</b>
11:15 am – 12:00 pm (India-IST)	<b><i>Keynote Address (from India)</i></b> Dr. Srinivas The TamilNadu Dr. MGR Medical University, Chennai
12:00 pm – 02:00 pm (India-IST)	<b>Lunch Break</b>
02:00 pm – 02:30 pm (India-IST)	<b><i>Keynote Address (from India)</i></b> Dr. Dharmendra Tripathi NIT Uttarakhand, Uttarakhand
02:30 pm – 03:30 pm (India-IST)	<b><i>Paper Presentation Sessions by the Participants</i></b> <b>Session Chair:</b> Dr. BSRV Prasad, Vellore Institute of Technology, Vellore
<b>Day 1: Evening Session</b>	
06:30 pm – 07:00 pm (India-IST) 09:00 am – 09:30 am (USA-EDT)	<b><i>Keynote Address (from USA)</i></b> Dr. Olcay Akman Illinois State University, Normal
07:00 pm – 07:40 pm (India-IST) 09:30 am – 10:10 am (USA-EDT)	<b><i>Keynote Address- Part I (from USA)</i></b> Dr. Guo-Wei Wei Michigan State University, Michigan
07:40 pm – 08:00 pm (India-IST) 10:10 am – 10:30 am (USA-EDT)	<b><i>Keynote Address-Part II (from USA)</i></b> Dr. Guo-Wei Wei Michigan State University, Michigan

08:00 pm – 08:30 pm (India-IST) 10:30 am – 11:00 am (USA-EDT)	<b>Keynote Address (from USA)</b> Dr. Edwin Michael University of South Florida, Tampa
08:30 pm – 09:00 pm (India-IST) 11:00 am – 11:30 am (USA-EDT)	<b>Keynote Address (from USA)</b> Dr. Zhilan Feng Purdue University, West Lafayette
09:00 pm (India-IST)	<b>End of Day 1</b>
<b>Day 2: Friday, October 29th, 2021</b>	
<b>Day 2: Morning Session</b>	
09:00 am – 09:45 am (India-IST)	<b>Research Musings (Part-I) with Reference to COVID-19</b> Dr. Krishna Kiran Vamsi Dasu & Mr. Ananth V S from DMACS, SSSIHL
09:45 am – 10:30 am (India-IST)	<b>Research Musings (Part-II) with Reference to COVID-19</b> Mr. Bishal Chettri, DMACS, SSSIHL
10:30 am – 10:50 am (India-IST)	<b>Break</b>
10:50 am – 11:10 am (India-IST)	<b>Research Musings (Part-III) with Reference to COVID-19</b> Mr. Bhanu Prakash D, DMACS, SSSIHL
11:10 am – 12:00 pm (India-IST)	<b>Research Musings (Part-IV)</b> Dr. Raghunatha Sarma, DMACS, SSSIHL

12:00 pm – 02:00 pm (India-IST)	<b>Lunch Break</b>
02:15 pm – 03:00 pm (India-IST)	<b>Keynote Address (from India)</b> Dr. Ashish Awasthi Public Health Foundation of India, Delhi
<b>Day 2: Evening Session</b>	
06:30 pm – 08:30 pm (India-IST) 09:00 am – 11:00 am (USA-EDT)	<b>Panel Discussion</b>  <b>Theme: The Hard Lessons from Modeling COVID-19 Dynamics and Health Policies</b>  <b>Panelists:</b> <ul style="list-style-type: none"> <li>➤ Dr. Mac Hyman, Tulane University, New Orleans, Louisiana</li> <li>➤ Dr. Kavita Kachroo, Kalam Institute of Health Technology, A.P.</li> <li>➤ Dr. Ravishankar Ramachandran, CSIR-Central Drug Research Institute, U. P.</li> <li>➤ Dr. Brian Wahl, John Hopkins, U.S.A</li> <li>➤ Dr. Jianhong Wu, York University, Canada</li> </ul> <b>Moderators:</b> Dr. Anuj Mubayi, PRECISIONheor & Dr. B V K Bharadwaj, SSSIHL
08:30 pm – 09:00 pm (India-IST) 11:00 am – 11:30 am (USA-EDT)	<b>Keynote Address (from USA)</b> Dr. Alun Lloyd, North Carolina State University, North Carolina
09:00 pm (India-IST)	<b>End of Day 2</b>

**Day 3: Saturday, October 30th, 2021**

**Day 3: Morning Session**

09:00 am – 09:30 am (India-IST)	<b>Keynote Address (from India)</b> Dr. Sudipa Chauhan, Amity University, Noida
09:30 am – 10:00 am (India-IST)	<b>Keynote Address (from India)</b> Dr. Jai Prakash Tripathi, Central University of Rajasthan, Rajasthan
10:00 am – 10:30 am (India-IST)	<b>Keynote Address (from India)</b> Dr. B V Rathish Kumar, Indian Institute of Technology, Kanpur
10:30 am – 11:00 am (India-IST)	<b>Keynote Address (from India)</b> Dr. Malay Banerjee, Indian Institute of Technology, Kanpur
11:00 am – 11:15 am (India-IST)	<b>Break</b>
11:15 am – 12:00 pm (India-IST)	<b>Keynote Address (from India)</b> Dr. Vijay Bhagat, Central Leprosy and Teaching Research Institute, Chennai
12:00 pm – 02:00 pm (India-IST)	<b>Lunch Break</b>
02:00 pm – 02:30 pm (India-IST) 10:30 am – 11:00 am (Spain-CEST)	<b>Keynote Address (from Spain)</b> Dr. Maira Aguiar, Basque Center for Applied Mathematics, Spain
02:30 pm – 03:30 pm (India-IST)	<b>Paper Presentation Sessions by the Participants</b> Session Chair: Dr Surabhi Pandey, Indian Institute of Public Health, Delhi

### **Day 3: Evening Session**

06:00 pm – 06:30 pm (India-IST) 07:30 am – 08:00 am (Peru)	<b><i>Keynote Address (from Peru)</i></b> Dr. Roxana Lopez Cruz Universidad Nacional Mayor de San Marcos, Peru
06:30 pm – 07:00 pm (India-IST) 09:00 am – 09:30 am (USA-EDT)	<b><i>Keynote Address (from USA)</i></b> Dr. Aditi Ghosh, Texas A&M University, Commerce
07:00 pm – 07:30 pm (India-IST) 09:30 am – 10:00 am (USA-EDT)	<b><i>Keynote Address (from USA)</i></b> Dr. Maia Martcheva, University of Florida, Gainesville
07:30 pm – 08:00 pm (India-IST) 10:00 am – 10:30 am (USA-EDT)	<b><i>Keynote Address (from USA)</i></b> Dr. Padmanabhan Seshiyer, George Mason University, Fairfax
08:00 pm – 08:30 pm (India-IST)	<b><i>Valedictory &amp; Vote of Thanks – All Organisers</i></b>