



**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**



## 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)	<b><i>Lighting the Ceremonial Lamp and Vedam Chanting</i></b>
08:30 am – 08:45 am (India-IST)	<b><i>Welcome Remarks</i></b>  Dr. Krishna Kiran Vamsi Dasu, DMACS, SSSIHL
08:45 am – 09:00 am (India-IST)	<b><i>Introductory Remarks &amp; Setting the Tone for the Conference</i></b>  Dr. Anuj Mubayi  PRECISIONheor, Illinois State University
09:00 am – 09:30 am (India-IST)	<b><i>Inaugural Address</i></b>  Dr. C. B. Sanjeevi  Vice Chancellor, SSSIHL

09:30 am – 10:15 am (India-IST)	<p><b><i>Special Keynote Address</i></b></p> <p>Dr. Gautam Menon Ashoka University, Haryana</p>
10:15 am – 11:00 am (India-IST)	<p><b><i>Plenary Address</i></b></p> <p>Dr. Sudha Seshayyan Vice-Chancellor, The TamilNadu Dr. MGR Medical University</p>
11:00 am – 11:15 am (India-IST)	<p><b>Break</b></p>
11:15 am – 12:00 pm (India-IST)	<p><b><i>Keynote Address (from India)</i></b></p> <p>Dr. Srinivas The TamilNadu Dr. MGR Medical University, Chennai</p>
12:00 pm – 02:00 pm (India-IST)	<p><b>Lunch Break</b></p>
<p><b>Day 1: Afternoon Session</b></p>	
02:00 pm – 02:30 pm (India-IST)	<p><b><i>Keynote Address (from India)</i></b></p> <p>Dr. Dharmendra Tripathi NIT Uttarakhand, Uttarakhand</p>

<p>02:30 pm – 03:30 pm (India-IST)</p>	<p><b><i>Paper Presentation Sessions by the Participants</i></b></p> <p><b>Session Chair:</b> Dr. BSRV Prasad, Vellore Institute of Technology, Vellore</p> <p><b><i>Participants</i></b></p> <p>Mr. Joseph John Fernandes University of Mumbai, Maharashtra</p> <p>Ms. Monalisa Anand BITS-Pilani, Goa</p> <p>Mr. Karthik A BITS-Pilani, Hyderabad</p> <p>Mr. M U Jayanth Sastri AMET University, Chennai</p>
<p>03:30 pm – 04:00 pm (India-IST)</p>	<p><b><i>Keynote Address (from India)</i></b></p> <p>Dr. Subhas Khajanchi Presidency University, West Bengal</p>
<p><b>Day 1: Evening Session</b></p>	
<p>06:30 pm – 07:00 pm (India-IST)</p> <p>09:00 am – 09:30 am (USA-EDT)</p>	<p><b><i>Keynote Address (from USA)</i></b></p> <p>Dr. Olcay Akman Illinois State University, Normal</p>

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 – 07:50 pm (India-IST) 10:10 am – 10:20 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><i>Keynote Address (from USA)</i></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><i>Keynote Address (from USA)</i></b> Dr. Lance Waller Emory University, Georgia
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><i>Research Musings (Part-I) with Reference to COVID-19</i></b> Dr. Krishna Kiran Vamsi Dasu & Mr. Ananth V S from DMACS, SSSIHL

09:45 am – 10:40 am (India-IST)	<b><i>Research Musings (Part-II) with Reference to COVID-19</i></b> Mr. Bishal Chettri & Mr. Bhanu Prakash D from DMACS, SSSIHL
10:40 am – 11:00 am (India-IST)	<b>Break</b>
11:00 am – 12:00 pm (India-IST)	<b><i>Research Musings (Part-III)</i></b> Dr. N Uday Kiran, DMACS, SSSIHL
12:00 pm – 02:00 pm (India-IST)	<b>Lunch Break</b>
<b>Day 2: Afternoon Session</b>	
02:15 pm – 03:00 pm (India-IST)	<b><i>Keynote Address (from India)</i></b> Dr. Ashish Awasthi Public Health Foundation of India, Delhi
03:00 pm – 03:30 pm (India-IST)	<b><i>Keynote Address (from India)</i></b> Dr. Jai Prakash Tripathi, Central University of Rajasthan, Rajasthan

## Day 2: Evening Session

06:30 pm – 08:30 pm (India-IST)

09:00 am – 11:00 am (USA-EDT)

### ***Panel Discussion***

***Theme: The Hard Lessons from Modeling COVID-19 Dynamics and Health Policies***

#### **Panelists:**

Dr. Mac Hyman, Tulane University, New Orleans, Louisiana

Dr. Kavita Kachroo, Kalam Institute of Health Technology, A.P.

Dr. Ravishankar Ramachandran, CSIR-Central Drug Research Institute, U. P.

Dr. Brian Wahl, John Hopkins, U.S.A

Dr. Jianhong Wu, York University, Canada

**Moderators:** 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)

### ***Keynote Address (from USA)***

Dr. Alun Lloyd, North Carolina State University, North Carolina

09:00 pm (India-IST)

**End of Day 2**

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

**Day 3: Morning Session**

09:00 am – 09:30 am (India-IST)	<b><i>Keynote Address (from India)</i></b> Dr. Sudipa Chauhan, Amity University, Noida
09:30 am – 10:00 am (India-IST)	<b><i>Keynote Address (from India)</i></b> Mr. Sathya Sai Mudigonda, SSSIHL, A.P.
10:00 am – 10:30 am (India-IST)	<b><i>Keynote Address (from India)</i></b> Dr. B V Rathish Kumar, Indian Institute of Technology, Kanpur
10:30 am – 11:00 am (India-IST)	<b><i>Keynote Address (from India)</i></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><i>Keynote Address (from India)</i></b> Dr. Vijay Bhagat, Central Leprosy and Teaching Research Institute, Chennai
12:00 pm – 02:00 pm (India-IST)	<b>Lunch Break</b>

### Day 3: Afternoon Session

02:00 pm – 02:30 pm (India-IST) 10:30 am – 11:00 am (Spain-CEST)	<b><i>Keynote Address (from Spain)</i></b>  Dr. Maira Aguiar, Basque Center for Applied Mathematics, Spain
02:30 pm – 03:30 pm (India-IST)	<b><i>Paper Presentation Sessions by the Participants</i></b>  Session Chair: Dr Surabhi Pandey, Indian Institute of Public Health, Delhi  <b><i>Participants</i></b>  Mr. Naba Kumar Goswami  Triumphant Institute Management Education, Karnataka  Dr. Pudi Nageshu, Kalam Institute of Health Technology, A. P.  Dr. Arkaprovo Ghosal, BITS Pilani, Rajasthan

### 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



<p>07:00 pm – 07:30 pm (India-IST)</p> <p>09:30 am – 10:00 am (USA-EDT)</p>	<p><b><i>Keynote Address (from USA)</i></b></p> <p>Dr. Maia Martcheva, University of Florida, Gainesville</p>
<p>07:30 pm – 08:00 pm (India-IST)</p> <p>10:00 am – 10:30 am (USA-EDT)</p>	<p><b><i>Keynote Address (from USA)</i></b></p> <p>Dr. Padmanabhan Seshiyer, George Mason University, Fairfax</p>
<p>08:00 pm – 08:30 pm (India-IST)</p>	<p><b><i>Valedictory &amp; Vote of Thanks – All Organisers</i></b></p>