

**National Frontiers of Engineering Conclave (NatFoE-23)**  
**Event & Timeline -Day 1 (24th June 2023, Saturday): Forenoon Session**

DATE/ TIME	EVENT	Timing	VENUE
24 <sup>th</sup> June 2023	<b>Inaugural Session</b>	09:00AM to 09:30AM	<b>CAT HALL</b>
<p><b>Address by Honorable Chief Guest Dr. Jayant Sinha, MP, Lok Sabha (09.30 am to 10.15am-CAT HALL)</b></p> <p><b>Title of the talk:</b> <i>Getting to the Green Frontier: A Net-Zero Development Model for India</i></p>			
<p><b>High Tea (Beside T&amp;P Cell) 10:15 am to 10:45am</b></p>			
<p><b>Session 1: Talks related to Theme 1- Mining Technology- Mastering Depth &amp; Exploration</b></p>			
<p><b>Theme 1 – Convenor - Dr. Indrajit Roy/Dr. Anand Kr. Sinha</b>  <b>Faculty Coordinators: Dr. Sukalyan Chakraborty &amp; Dr. Arkadeb Mukhopadhyay</b></p>			
11:00 am to 11:30 am	<p><b>Expert Plenary Talk</b>  <b>Theme-1: Mining Technology- Mastering Depth &amp; Exploration</b>  <b>Prof. Arvind Kumar Mishra</b>                      Director, CIMFR</p>		Seminar Hall-1 R&D Building
11:35 am to 12:00 pm	<p><b>Keynote Spaker-1</b>  <b>Theme-1: Mining Technology- Mastering Depth &amp; Exploration</b>  <b>Dr. Debasis Bandhopadhyay</b>                      Sr. DGM, CMPDI, Ranchi</p>		Seminar Hall-1 R&D Building
12:05 am to 12:30 pm	<p><b>Keynote Spaker-2</b>  <b>Theme-1: Mining Technology- Mastering Depth &amp; Exploration</b>  <b>Prof. P S Paul</b>                      Associate Professor, IIT (ISM), Dhanbad, India</p>		Seminar Hall-1 R&D Building
12:35 pm to 1:00 pm	<p><b>Keynote Spaker-3</b>  <b>Theme-1: Mining Technology- Mastering Depth &amp; Exploration</b>  <b>Dr. Siddhartha Roy</b>                      Deputy Manager, CMPDI, Ranchi</p>		Seminar Hall-1 R&D Building
<p><b>Lunch Break (Community Hall)</b>  <b>1:00 PM – 2:00 PM</b></p>			

## Event & Timeline -Day 1 (24<sup>th</sup> June 2023, Saturday): Afternoon Session

<b>Session 2: Talks related to Theme 2- Technology of Future -AI, GPT &amp; Robotics</b>		
<b>Theme 2- Convenor: Dr. Supratim Biswas</b> <b>Faculty Coordinators: Dr. Sudip Kumar Sahana and Dr. Richa Pandey</b>		
02:00pm to 02:25pm	<b>Expert Plenary Talk</b> <b>Theme-2: Technology of Future -AI, GPT &amp; Robotics</b> <b>Dr. Manish Gupta</b> Director, Google Research, INDIA, Fellow INAE	Seminar Hall-1 R&D Building
02:30 pm to 02:50 pm	<b>Keynote Spaker-1</b> <b>Theme-2: Technology of Future -AI, GPT &amp; Robotics</b> <b>Prof. Swagatam Das</b> Professor, Indian Statistical Institute, Kolkata	Seminar Hall-1 R&D Building
02:55 pm to 03:15 pm	<b>Keynote Spaker-2</b> <b>Theme-2: Technology of Future -AI, GPT &amp; Robotics</b> <b>Dr. Anuj Kumar Sharma</b> Associate Prof. AKTU Lucknow	Seminar Hall-1 R&D Building
03:20 pm to 03:40 pm	<b>Keynote Spaker-3</b> <b>Theme-2: Technology of Future -AI, GPT &amp; Robotics</b> <b>Gopi Krishna Nuti</b> Lead Data Scientist, Autodesk, Bangalore	Seminar Hall-1 R&D Building
<b>Tea Break (03:45 pm – 4:15pm)</b>		
<b>Session 3: Poster Session – All 4 Themes</b> <b>(4:15 PM To 5:30 PM)</b>		
<b>Break (Community Hall)</b> <b>05:30 PM – 06:15PM</b>		
<b>Pre-Dinner Talk at CAT Hall</b> <b>06:30pm to 07:30pm</b>		
<b>Cultural Programme at CAT Hall</b> <b>07:30pm to 08:30pm</b>		
<b>Special Dinner @ Community Hall</b> <b>8:30 pm onwards</b>		

## Event & Timeline -Day 2 (25th June 2023, Sunday): Forenoon Session

TIME	EVENT	VENUE
<b>Session 4: Theme 3- Engineering Water- Smart Water Harvesting &amp; Purification</b>		
<b>Theme 3- Convenor: - Dr. Sumit Mishra</b> <b>Faculty Coordinators: Dr. Naresh Kumar and Dr. Sanjay Kr. Swain</b>		
09:30 am to 10.05 am	<b>Expert Plenary Talk</b> <b>Theme-3: Engineering Water- Smart Water Harvesting &amp; Purification</b> <b>Prof T. Pradeep</b> Professor, IIT Madras	Seminar Hall-1 R&D Building
10:10 am To 10:35 am	<b>Keynote Spaker-1</b> <b>Theme-3: Engineering Water- Smart Water Harvesting &amp; Purification</b> <b>Prof V. C. Srivastava</b> Professor, IIT Roorkee	Seminar Hall-1 R&D Building
10:40 am to 11:05 am	<b>Keynote Spaker-2</b> <b>Theme-3: Engineering Water- Smart Water Harvesting &amp; Purification</b> <b>Dr. Rajesh Banu</b> Associate Professor, Central University of Tamil Nādu	Seminar Hall-1 R&D Building
<b>Tea Break</b> <b>(11:05 am to 11:20am)</b>		
11:20 am to 11:45 am	<b>Keynote Spaker-3</b> <b>Theme-3: Engineering Water- Smart Water Harvesting &amp; Purification</b> <b>Dr. Pradip P. Kalbar</b> Associate Professor, IIT Bombay	Seminar Hall-1 R&D Building
<b>Session 5: Azadi Ki Amrit Mahotsav</b>		
11:55 am to 12:25 pm	<b>Azadi Talk-1</b> <b>Theme-1: Mining Technology- Mastering Depth &amp; Exploration</b> <b>Prof. Jayanta Bhattacharya</b> Professor, IIT Kharagpur	Seminar Hall-1 R&D Building
12:30 pm to 01:00 pm	<b>Azadi Talk-2</b> <b>Theme-2: Technology of Future -AI, GPT &amp; Robotics</b> <b>Mr. Joy Mustafi</b> Founder, Chairman, MUST Research, Hyderabad	Seminar Hall-1 R&D Building
<b>Lunch Break (Community Hall)</b> <b>1:00 PM – 2:00PM</b>		

## Event & Timeline -Day 2 (25th June 2023, Sunday): Afternoon Session

<b>Session 6: Theme 4- Embrace Futuristic Technologies in Current Engineering Curriculum</b>		
<b>Theme 4: Convenor: - Dr. Nisha Gupta</b> <b>Faculty Coordinators: Dr. Vibha Rani Gupta &amp; Dr. L.N. Patnaik</b>		
02:00 pm to 02.35 pm	<b>Expert Plenary Talk</b> <b>Theme-4:</b> Embrace Futuristic Technologies in Current Engineering Curriculum <b>Dr. Rajeev Shorey</b> Adjunct Professor, IIT Delhi	Seminar Hall-1 R&D Building
02:40 pm to 03:05pm	<b>Keynote Spaker-1</b> <b>Theme-4:</b> Embrace Futuristic Technologies in Current Engineering Curriculum <b>Dr. Tapan K. Gandhi</b> Associate Professor, IIT Delhi	Seminar Hall-1 R&D Building
03:10 pm to 03:35 pm	<b>Keynote Spaker-2</b> <b>Theme-4:</b> Embrace Futuristic Technologies in Current Engineering Curriculum <b>Dr. Kaushal Kumar Bhagat</b> Assistant Professor, IIT Kharagpur	Seminar Hall-1 R&D Building
03:40 pm to 04:05 pm	<b>Keynote Spaker-3</b> <b>Theme-4:</b> Embrace Futuristic Technologies in Current Engineering Curriculum <b>Dr. Manjira Sinha</b> Assistant Professor, IIT Kharagpur	Seminar Hall-1 R&D Building
<b>Tea Break (04:05 pm – 4:15 pm)</b>		
<b>Session 7: Azadi Ki Amrit Mahotsav</b>		
04:15 am to 04:45 pm	<b>Azadi Talk-3</b> <b>Theme-3:</b> Engineering Water- Smart Water Harvesting & Purification <b>Dr. (Mrs). Indira Khurana</b> Director, Research at the Safai Karmachari Andolan, NGO Tarun Baharat Sangh	Seminar Hall-1 R&D Building
04:50 pm to 05:15 pm	<b>Azadi Talk-4</b> <b>Theme-4:</b> Embrace Futuristic Technologies in Current Engineering Curriculum <b>Dr. T V Bharat</b> Professor, IIT Guwahati	Seminar Hall-1 R&D Building
<b>Back to Community Hall</b> <b>&amp; Special Dinner @ Community Hall- 07:00 pm onwards</b>		

# National Level Project Competition Innovation in Manufacturing Practices (IMP 2023)

## Day 3 (26<sup>th</sup> June 2023, Monday): Forenoon Session

DATE	TIME	EVENT	VENUE
26 <sup>th</sup> June 2023	09:30 am -10:00 am	Inauguration	Seminar Hall I R&D Building, BIT Mesra Ranchi.
<b>Tea Break</b> (Out Side Seminar Hall-1 R&D Building) 10:00 to 10:30am			
<b>Pitching Session1: Under-Graduate Scholars</b>			
26 <sup>th</sup> June 2023	10.30 am – 10.45 am	Pitching Session 1	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	10.45 am – 11:00 am	Pitching Session 2	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	11:00 am – 11:15 am	Pitching Session 3	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	11:15 am – 11:30 am	Pitching Session 4	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	11:30 am – 11:45 am	Pitching Session 5	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	11:45 am – 12:00pm	Pitching Session 6	Seminar Hall-I R&D Building
<b>Pitching Session2: Post-Graduate Scholars</b>			
26 <sup>th</sup> June 2023	12:00 pm – 12:15pm	Pitching Session 7	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	12:15pm – 12.30pm	Pitching Session 8	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	12:30pm – 12.45pm	Pitching Session 9	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	12:45pm – 1:00 pm	Pitching Session 10	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	1:00 Pm – 1:15 pm	Pitching Session 11	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	1:15- 1:30pm	Pitching Session 12	Seminar Hall-I R&D Building
<b>Lunch Break -1:30pm- 2:30pm (@Community Hall</b>			

**Day 3 (26<sup>th</sup> June 2023, Monday): Afternoon Session**

**Pitching Session3: Young Entrepreneurs/Startups/PhD Scholars**

26 <sup>th</sup> June 2023	2:30pm – 2:45 pm	Pitching Session 13	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	2:45pm – 3:00 pm	Pitching Session 14	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	3:00pm – 3:15 pm	Pitching Session 15	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	3:15pm – 3:30pm	Pitching Session 16	Seminar Hall-I R&D Building,
26 <sup>th</sup> June 2023	3:30pm – 3:45 pm	Pitching Session 17	Seminar Hall-I R&D Building
26 <sup>th</sup> June 2023	3: 45 pm – 4:00 pm	Pitching Session 18	Seminar Hall-I R&D Building

**High Tea (Out Side Seminar Hall-1 R&D Building)  
04:00 pm to 04:15 pm**

**AWARD CEREMONY  
04:15 pm to 04:45 pm**

**Vote of Thanks  
04:45 pm to 05:00 pm**

**Dinner – 7:30 pm onwards @IGH**