Program Schedule

Meeting link for Inauguration, Keynotes and Valedictory

https://us06web.zoom.us/j/8019548364?pwd=QjBHb1J2OU90TXZQTGdid9od1BZUT09
Meeting ID: 801 954 8364
Pwd: 1234

Contact No. for Help Desk
Mr. Mahesh : 99598 70257
Dr. Baloji : 95056 13159

Timings for Help Desk
22 April, 2022 08:00 a.m to 01:00 p.m
23 April, 2022 01:00 p.m to 05:00 p.m
24 April, 2022 01:00 p.m to 04:00 p.m

Day 1
April 22, 2022

Inaugural Function 08:20a.m - 09:45a.m

<table>
<thead>
<tr>
<th>Programme</th>
<th>Time</th>
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<tbody>
<tr>
<td>Introducing guests, Editors and Conveners</td>
<td>8:20 a.m</td>
</tr>
<tr>
<td>Address by Principal GRIET, Prof J Praveen</td>
<td>8:30 a.m</td>
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<tr>
<td>Address by Dr. Chetan Nikhare, Pennsylvania State University, USA (Editor and Conveners)</td>
<td>8:35 a.m</td>
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<tr>
<td>Address by Dr. Julfi Kar, Manchester Metropolitan University, UK (Editor and Conveners)</td>
<td>8:45 a.m</td>
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<tr>
<td>Address by Dr. Asma Perveen, Nazarbayev University, Kazakhstan (Convener)</td>
<td>8:55 a.m</td>
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<tr>
<td>Address by Prof Rajesh Purohit MANIT Bhopal (Convener)</td>
<td>9:05 a.m</td>
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<tr>
<td>Address by Prof Abid, AMU Aligarh</td>
<td>9:15 a.m</td>
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<tr>
<td>Address by Prof Swadesh Kumar Singh, GRIET Hyderabad</td>
<td>9:25 a.m</td>
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<tr>
<td>Vote of thanks by Dr. Tanya, HOD GRIET Hyderabad</td>
<td>9:35 a.m</td>
</tr>
</tbody>
</table>
Day 1  
April 22, 2022

KeyNote Address-1  
Speaker: Prof. Sachin D. Kore  
Department of Mechanical Engineering at IIT Goa  
Topic: Electromagnetic Forming of Sheets and Tubes  
Session Moderator: Dr. Manoj Gupta, Scientist, IPR Gandhinagar  
10:00a.m – 11:00a.m

KeyNote Address-2  
Speaker: Dr. Arnab Chanda  
Center for Biomedical Engineering, IIT Delhi.  
Topic: Development of Artificial Tissue Simulants for Biomechanical Testing  
Session Moderator: Dr. Manoj Gupta, Scientist, IPR Gandhinagar  
11:00a.m – 12:00p.m

Lunch Break  
12:30p.m – 01:30p.m

ONLINE SESSION-1  
01:30p.m – 04:00p.m

OFFLINE SESSION-1  
01:30p.m – 04:00p.m

ONLINE SESSION-2  
05:00p.m – 07:30p.m

Day 2  
April 23, 2022

KeyNote Address-4  
Speaker: Dr. Anupam Agrawal  
Department of Mechanical Engineering at IIT Ropar  
Topic: Advancement in Sheet Metal Forming Processes for Customized Solutions  
Session Moderator: Dr. Manish Vishwakarma, Assistant Professor, MANIT Bhopal  
09:00a.m – 10:00a.m

KeyNote Address-3  
Speaker: Dr. Bibhudutta Rout  
Department of Physics at University of North Texas, Denton, USA  
Topic: Materials modification and Analysis using Ion Beams  
Session Moderator: Dr. Manish Vishwakarma, Assistant Professor, MANIT Bhopal  
10:00a.m – 11:00a.m

KeyNote Address-5  
Speaker: Dr. Tapati Sarkar  
Department of Materials Science and Engineering, Uppsala University, Sweden  
Topic: Designing nanocomposites of functional oxides  
Session Moderator: Prof. Rajesh Purohit, Professor, MANIT Bhopal  
11:00a.m – 12:00p.m

KeyNote Address-6  
Speaker: Prof. Aloke Kanjilal  
Professor, School of Natural Sciences, Shiv Nadar University  
12:00p.m – 01:00p.m
Topic: Temperature Driven dual band formation in TiO$_2$ nanotubes for improving photocatalytic behavior  
**Session Moderator:** Prof. Rajesh Purohit, Professor, MANIT Bhopal

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<tr>
<th>Lunch Break</th>
<th>01:00p.m – 02:00p.m</th>
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<tr>
<td><strong>ONLINE SESSION-3</strong></td>
<td>02:00p.m – 04:30p.m</td>
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<tr>
<td><strong>OFFLINE SESSION-2</strong></td>
<td>02:00p.m – 04:30p.m</td>
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<tr>
<td><strong>ONLINE SESSION-4</strong></td>
<td>05:00p.m – 07:30p.m</td>
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**Day 3**
**April 24, 2022**

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<tr>
<td><strong>KeyNote Address-7</strong></td>
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</tbody>
</table>
| **Speaker:** Dr. Prashant R. Waghmare  
Department of Mechanical Engineering, University of Alberta  
**Topic:** Intricacies of surface tension/energy measurements: academic & industrial perspectives  
**Session Moderator:** Dr. R S Rana, Associate Professor, MANIT, Bhopal | 09:30a.m – 10:30a.m |
| **KeyNote Address-8** | |
| **Speaker:** PROF ESTHER T. AKINLABI  
Department of Mechanical Engineering Science, Director of the PAULESI, Ibadan, Nigeria  
**Topic:** Trends and advances in Additive Manufacturing  
**Session Moderator:** Dr. R S Rana, Associate Professor, MANIT, Bhopal | 10:30a.m – 11:30a.m |
| **KeyNote Address-9** | |
| **Speaker:** Dr. Ved Prakash  
Stamping Feasibility Analysis Engineer at Ford Motor Company  
**Topic:** Numerical and Experimental Investigations in Sheet Metal Forming  
**Session Moderator:** Dr. Nitin Ramesh Kotkunde, Assistant Professor, BITS, Hyderabad | 11:30a.m – 12:30p.m |
| **Lunch Break** | 12:30p.m – 01:30p.m |
| **ONLINE SESSION-5** | 01:30p.m. – 04:00p.m |

**Valedictory Function**

**05:00p.m - 05:30p.m**

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<tr>
<td><strong>Introducing guest</strong></td>
<td>5:00 p.m</td>
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<tr>
<td><strong>Address by Dr. Jandhyala N Murthy, Director, GRIET Hyderabad</strong></td>
<td>5:10 p.m</td>
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</table>
| **Address by Prof Anand Pare, Professor, IIT Indore**  
**Announcing Best paper awards in 6 categories** | 5:20 p.m |
## Session Schedule

**ONLINE SESSION-1**

**Date:** 22 April 2022  
**Time:** 01:30p.m–04:00p.m

<table>
<thead>
<tr>
<th>Session No.</th>
<th>Zoom ID</th>
<th>Session-chair</th>
<th>Topic</th>
<th>S. No form the Final Paper List</th>
</tr>
</thead>
</table>
| 1           | Meeting ID: 852 7747 4965 Pwd: 597706 (BP) | Chair 1: Dr. Chethan S, ATME College of Engineering, Mysuru.  
Chair 2: Dr. A. Anitha Lakshmi, GRIET, Hyderabad | AMPT session | 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 |
| 2           | Meeting ID: 632 998 1700 Pwd: 1234 (MKG) | Chair 1: Dr. Pankaj Sharma, Rajasthan Technical University Kota Rajasthan.  
Chair 2: Dr. Swadesh Kumar Singh, GRIET, Hyderabad. | AMPT session | 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 |
| 3           | Meeting ID: 801 954 8364 Pwd: 1234 (SKS/NS) | Chair 1: Dr. Vishwas Mahesh, Siddaganga Institute of Technology.  
Chair 2: Dr. Das, KIIT DEEMED to be university. | iMeche Part-E session | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 |
| 4           | Meeting ID: 4604151298 Pwd: 1234 (KKS) | Chair 1: Eshan Sainath Agrawal, Assistant professor.  
Chair 2: Dr. Shivraj Narayan Yeole, VNR Vignana Jyothi Institute of Engineering and Technology Hyderabad. | iMeche Part-E & IJEMS session | 16, 17, 18, 19, 20 & 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 |
| 5           | Meeting ID: 755 137 6275 Pwd: 123456 (RS) | Chair 1: Dr. U.S. Jyothi, GRIET, Hyderabad.  
Chair 2: Dr. Tanya B, GRIET, Hyderabad. | IJEMS & MATPR session | 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 22, 73, 124, 173, 184, 18 7, 9, 44, 51, 55, 145 |
## ONLINE SESSION-2

**Date:** 22 April 2022

**Time:** 05:00p.m–07:30p.m

<table>
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<th>Session No.</th>
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<th>Topic</th>
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<tr>
<td>6</td>
<td>Meeting ID: 852 7747 4965 Pwd: 597706</td>
<td>Chair 1: Dr. Mohammad Asjad, Jamia Millia Islamia. Chair 2: Dr. Atul Kumar, NIT KKR.</td>
<td>AIP session</td>
<td>33,39,42,44,46,48,49,50,51,52,53,54,55,56,57,69,71,129,139,140</td>
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<td>7</td>
<td>Meeting ID: 632 998 1700 Pwd: 1234</td>
<td>Chair 1: Dr.S.Dhanabalan, M.Kumarasamy College of Engineering, Karur. Chair 2: Dr. Amlana Panda, KIIT Deemed to be University, Bhubaneeswar.</td>
<td>AIP session</td>
<td>36,47,59,61,63,73,124,128,131,132,133,134,135,137,138,141,142</td>
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<td>(MKG)</td>
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<td>8</td>
<td>Meeting ID: 801 954 8364 Pwd: 1234</td>
<td>Chair 1: Prof Saleem Anwar Khan, ZHCET, Aligarh Muslim University, Aligarh. Chair 2: Dr. N. Sateesh, Professor (ME), GRIET, Hyderabad.</td>
<td>MATPR session</td>
<td>1,2,3,4,5,6,8,10,11,12,13,14,15,16</td>
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<td>9</td>
<td>Meeting ID: 460 415 1298 Pwd: 1234</td>
<td>Chair 1: Mr. Afsar Husain, Community College Aligarh Muslim University. Chair 2: Dr. Kuldeep K. Saxena, GLA University, Mathura.</td>
<td>MATPR session</td>
<td>17,18,19,20,21,23,24,25,26,27,28,29,30,31,32,33</td>
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<td>(KKS)</td>
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<td>10</td>
<td>Meeting ID: 755 1376275 Pwd: 123456</td>
<td>Chair 1: Dr. Tarang R. Shinde, Associate Professor in Mechanical Engineering. Chair 2: Dr. Ram Subbiah, GRIET, Hyderabad.</td>
<td>MATPR session</td>
<td>34,35,36,37,38,39,40,41,42,43,46,47,48,49</td>
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## ONLINE SESSION-3

**Date:** 23 April 2022  
**Time:** 02:00p.m – 04:30p.m

<table>
<thead>
<tr>
<th>Session No.</th>
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<th>Session chair</th>
<th>Topic</th>
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</tr>
</thead>
</table>
| 11          | Meeting ID: 852 7747 4965 Pwd: 597706 (BP) | Chair 1: Mohammad Mohsin Khan, AMU, Aligarh.  
Chair 2: Prof. Abid Ali Khan, Aligarh Muslim University. | AMPT & MATPR session | 1, 50,52,53,54,56,57,58, 59,60,61,62,63,64 |
| 12          | Meeting ID: 632 998 1700 Pwd: 1234 (MKG) | Chair 1: Atishey Mittal, NIT Kurukshetra.  
Chair 2: Dr. Mohd Mukhtar Alam, Vivekananda Global University, Jaipur. | MATPR session | 65,66, 67,68,69,70,71,72,74, 75,76,77,78,79,80,81 |
| 13          | Meeting ID: 801 954 8364 Pwd: 1234 (SKS/NS) | Chair 1: Dr. Md Israr Equbal, Aligarh Muslim University, Aligarh.  
Chair 2: Chandrakant Chaturvedi, Government Polytechnic Uttawar. | MATPR session | 82,83,84,85,86,87,88, 89,90,91,92,93,94,95, 96,97 |
| 14          | Meeting ID: 4604151298 Pwd: 1234 (KKS) | Chair 1: MIRZA SHARIQ BEG, Assistant Professor.  
| 15          | Meeting ID: 755 137 6275 Pwd: 123456 (RS) | Chair 1: Dr. Mayur A. Makhesana, Institute of Technology, Nirma University.  
## ONLINE SESSION-4

**Date:** 23 April 2022  
**Time:** 05:00p.m– 07:30p.m

<table>
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<th>Session chair</th>
<th>Topic</th>
<th>S. No form the Final Paper List</th>
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</table>
| 16          | Meeting ID: 852 7747 4965  
Pwd: 597706  
(BP) | Chair 1: Virang Shukla, Sarvepalli Radhakrishnan University.  
Chair 2: Dr. Amit Sharma, Jaypee University of Engineering and Technology, Guna (MP). | MATPR session | 131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146. |
| 17          | Meeting ID: 632 998 1700  
Pwd: 1234  
(MKG) | Chair 1: Dr.K. Manikandan Professor, M.A.M college of Engineering, Trichy.  
Chair 2: Arun Kumar Singh Gangwar, AICTE. | MATPR session | 147,148,149,150,151,152,153,154,155,156,158,159,160,161,162. |
| 18          | Meeting ID: 801 954 8364  
Pwd: 1234  
(SKS/NS) | Chair 1: Dr. Kishan Pal Singh, Mangalayatan University Aligarh.  
| 19          | Meeting ID: 4604151298  
Pwd: 1234  
(KKS) | Chair 1: Abdul Faheem, University Polytechnic, Aligarh Muslim University.  
Chair 2: Dr. Kuldeep Kumar Saxena, GLA University, Mathura. | MATPR session | 180,181,182,183,185,186,188,189,190,191,192,193,195,196,197,275,276,277,278,279,280,281,272,273,274. |
| 20          | Meeting ID: 755 137 6275  
Pwd: 123456  
(RS) | Chair 1: Dr. M Venkata Ramana, VNR Vignana Jyothi Institute of Engineering and Technology Hyderabad.  
Chair 2: Dr. Sunil S, Sri Venkateswara College of Engineering. | MATPR session | 198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,272,273,274. |
## ONLINE SESSION-5

**Date:** 24 April 2022  
**Time:** 01:30 p.m– 04:00 p.m

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<tr>
<th>Session No.</th>
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<th>Topic</th>
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</table>
| 21          | Meeting ID: 852 7747 4965  Pwd: 597706 (BP) | Chair 1: Dr. Phaneendra Babu Bobba, GRIET, Hyderabad  
Chair 2: Mulugundam Siva Surya, GITAM University. | MATPR session | 157,194,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,256,257,269 |
| 22          | Meeting ID: 632 998 1700  Pwd: 1234 (MKG) | Chair 1: Dr. Kurra Suresh, BITSPilani, Hyderabad campus  
Chair 2: Dr. Trupti Ranjan Mahapatra, VSSUT, Burla, Odisha | MATPR session | 230,231,232,233,234,235,236,237,238,239,246,248,262,263,267,268,270 |
| 23          | Meeting ID: 801 954 8364  Pwd: 1234 (SKS/NS) | Chair 1: Dr. Nitin Kotkunde, BITSPilani, Hyderabad campus  
Chair 2: Dr. Chethan S, ATME College of Engineering, Mysuru. | MATPR session | 240,241,242,243,244,245,247,249,250,251,252,253,254,255,256,257,258,259,260,261,264,265,266,271 |
| 24          | Meeting ID: 4604151298  Pwd: 1234 (KKS) | Chair 1: Dr. Bijay B Nayak, KIIT University, Bhubaneswar  
Chair 2: Dr. N Rajesh, SV College of Engineering, Tirupati | IJIMeD session | 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 |
| 25          | Meeting ID: 755 137 6275  Pwd: 123456 (RS) | Chair 1: Dr. Akhilendra Singh, Indian Institute of Technology Patna Indian Institute of Technology, Patna.  
Chair 2: Dr. Rupinder Singh, National Institute of Technical Teachers Training and Research, Chandigarh | IJIMeD session & MATPR session | 16,17,18,19,20,21,22,23,24,283,284,285,286,287,288,289 |
## OFFLINE SESSION-1

**Date:** 22 April 2022  
**Time:** 01:30 p.m – 04:00 p.m

<table>
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<tr>
<th>Session No.</th>
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<th>Topic</th>
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</table>
| 1           | 4301    | Chair 1: Dr. G. Karuna, GRIET, Hyderabad  
Chair 2: Dr. G Ramesh, GRIET, Hyderabad | AIP session | 1,2,3,4,5,6,7,8,9,12,13,14,15,16,17 |
| 2           | 4302    | Chair 1: Dr. S. Govinda Rao, GRIET, Hyderabad  
Chair 2: Dr. K Kavitha, GRIET, Hyderabad | AIP session | 18,19,20,22,23,24,25,26,27,28,29,30,31,32,34 |
| 3           | 4304    | Chair 1: Dr. K. Prasanna Lakshmi, GRIET, Hyderabad  
Chair 2: Dr.Y.Srilalitha, GRIET, Hyderabad | AIP session | 35,37,38,40,41,43,45,60,62,64,65,66,67,68,70 |
| 4           | 4317    | Chair 1: Dr. N.V.Ganapathi Raju, GRIET, Hyderabad  
Chair 2: Dr. C.Lavanya, GRIET, Hyderabad | AIP session | 72,74,75,76,77,78,79,80,82,83,84,85,86,87,88 |
| 5           | 4322    | Chair 1: Dr. Y.J. Nagendra Kumar, GRIET, Hyderabad  
Chair 2: Dr. V.Srinivasa Reddy, GRIET, Hyderabad | AIP session | 89,90,91,92,93,94,95,96,97,98,99,100,101,102,103 |
## OFFLINE SESSION-2

**Date:** 23 April 2022  
**Time:** 02:00p.m–04:30p.m

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<tr>
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<th>Session-chair</th>
<th>Topic</th>
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</tr>
</thead>
</table>
| 1           | 4301     | Chair 1: Dr. K Madhavi, GRIET, Hyderabad  
| 2           | 4302     | Chair 1: Dr B. Sankara Babu, GRIET, Hyderabad  
Chair 2: Dr.V. Susmitha, GRIET, Hyderabad | AIP session | 116,118,119,120,121,122,123,125,126,127 |