



**TEQIP III Sponsored  
1st International Virtual Conference**



**On  
Recent Advancements in Design and Manufacturing  
16<sup>th</sup>-17<sup>th</sup> July, 2020**

**Programme Schedule**

| Day and Date                        | Time  | Programme  |  |                     |
|-------------------------------------|---|--|--|---------------------|
| <b>Thursday,<br/>16th July 2020</b> | 10:30-11:00 AM  | <b>Inauguration Ceremony</b>   |  |                     |
|                                     | 11:00- 11:30 AM   | <b>Key Note Address</b>  |  |                     |
|                                     |   | <b>Prof. Harish Hirani,</b><br>Director, Central Mechanical Engineering Research<br>Institute, Durgapur, West Bengal, India<br><b>Title:- Design Thinking to Rural Sustainable<br/>Development</b> |  |                     |
|                                     | 11:30-12:00 PM  | <b>Dr. Kuldeep Mistry,</b><br>Product Development Specialist, TIMKEN, Ohio, USA<br><b>Title:- Recent Advances in Industrial Tribology</b>  |  |                     |
|                                     | 12:00-01:30 PM  | <b>Session- I A</b><br><b>(Paper ID-5,6,9,12,26)</b>   | <b>Session- I B</b><br><b>(Paper ID-17,21,23,28,29)</b>  |                     |
|                                     |   | <b>Session Chair</b>   |  |                     |
|                                     |   | Dr. H. J. Nagarsheth   |  | Dr. H. K. Raval     |
|                                     |   | Shri Anil Mahto  |  | Dr. Dinesh Singh    |
|                                     | <b>Lunch Break</b>  |  |  |                     |
|                                     | 2:00- 3:30 PM   | <b>Session- II A</b><br><b>(Paper ID-33,34,38,44,78)</b>   | <b>Session- II B</b><br><b>(Paper ID-13,35,39,52,55)</b> |                     |
|                                     |   | <b>Session Chair</b>   |  |                     |
|                                     |   | Dr. D. V. Bhatt  |  | Dr. Jyoti Menghnani |
|                                     |   | Dr. Sandeep Soni   |  | Dr. V. D. Kalyankar |
|                                     | <b>Tea Break</b>  |  |  |                     |
| 4:00-5:30 PM                        | <b>Session- III A</b><br><b>(Paper ID-45,46,47,51,70)</b> | <b>Session- III B</b><br><b>(Paper ID-16, 19,20, 32)</b>   |  |                     |
|                                     | <b>Session Chair</b>                                      |  |  |                     |
|                                     | Dr. Suresh Sharma   |  | Dr. A. D. Parekh   |                     |
|                                     | Dr. S. N. Pandya  |  | Shri A. B. Makwana                                       |                     |

**Organizing Secretaries:- Dr B. M. Sutaria, Dr. Sandeep Soni, Dr. Achchhe Lal**



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| <b>Friday,<br/>17th July 2020</b> | 10:00-10:30 AM                         | <b>Key Note Address</b><br><b>Dr. Anand Dhruv,</b><br>Professor, Vishwakarma Government Engineering College,<br>Chandkheda, Gandhinagar 380017<br><b>Title:- Recent Trends In Micro Forming : A Case Study<br/>on Size Effect of Very Thin Brass Sheet</b>  |  |  |
|                                   | 10:30-11:00 AM                         | <b>Dr. Dattaji Shinde</b><br>Ph D Nanoengineering, USA, Associate Professor<br>and Former Head of Production Engineering<br>Department, MHRD Institution's Innovation<br>Council President for VJTI<br><b>Title: Effect of Electrospun Nanofibers and Carbon<br/>Nanotubes on the Properties of Polymeric Composite<br/>and its Failure Analysis.</b> |  |  |
|                                   | 11:00-11:30 AM                         | <b>Dr. Umang Soni</b><br>Assistant Professor, Department of Mechanical<br>Engineering, Netaji Subhas University of Technology, New<br>Delhi, India<br><b>Title: Intelligent Manufacturing: Prospects of Artificial<br/>Intelligence in Pandemic</b>   |  |  |
|                                   | <b>Tea Break</b>                       |   |  |  |
|                                   | 12:00-01:30 PM                         | <b>Session- IV A</b><br><b>(Paper ID- 58,59,63,64,67)</b>   |  | <b>Session- IV B</b><br><b>(Paper ID-53,61,65,69,77)</b> |
|                                   |  | <b>Session Chair</b>  |  |  |
|                                   |  | Dr. A. A. Shaikh  |  | Dr. T. N. Desai  |
|                                   |  | Dr. Sumit Khare   |  | Dr. Umang Soni   |
|                                   | <b>Lunch Break</b>                     |   |  |  |
|                                   | 2:00- 3:30 PM                          | <b>Session- V A</b><br><b>(Paper ID-68,72,74,75,79)</b>   |  | <b>Session-V B</b><br><b>(Paper ID-10,11,22,27,30)</b>   |
|                                   |  | <b>Session Chair</b>  |  |  |
|                                   |  | Dr. B. M. Sutaria   |  | Dr. C. D. Modhera  |
|                                   |  | Dr. Sandeep Soni  |  | Dr. Achchhe Lal  |
| 3:30- 4:00 PM                     | <b>Kavya-Pathan By Dr. T. N. Desai</b> |   |  |  |
| 4:00-4:30 PM                      | <b>Valedictory</b>                     |   |  |  |

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