



# AMMT

## Conference 2022



### 6<sup>th</sup> INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS AND MANUFACTURING TECHNOLOGY (AMMT-2022)

October 06th– 07th, 2022; Mode: Virtual

Organized by Department of Mechanical Engineering, CUIET, Applied Engineering, Chitkara University, Punjab, India

<p><b>Patrons</b> Dr. Ashok K. Chitkara, Hon'ble Chancellor, Chitkara University, Punjab Dr. Madhu Chitkara, Pro-Chancellor, Chitkara University, Punjab</p>	<p><b>About AMMT-2022-</b> Manufacturing industry has benefited the world economy with recent developments in technology design and research. AMMT-2022 aims to provide an insight to the current trends in the field of materials science, manufacturing technology and its applications. It further intends to integrate various multi-disciplinary domains along with the advancements in traditional manufacturing practices applicable to different production systems. Effective developments in materials technology, primarily focusing on applications in biomedical science, automobile engineering, thermo-fluid mechanics, structural engineering and electromechanical systems would be covered. Moreover, it targets onto progressions related to process and product quality enhancement through improved industrial engineering and surface engineering practices, respectively.</p>	
<p><b>Co-Patron</b> Prof. Archana Mantri, Vice-Chancellor, Chitkara University, Punjab</p>	<p><b>Deadlines:</b> Manuscript Submission: 18-09-2022 Acceptance: 25-09-2022 Registration: 30-09-2022</p>	
<p><b>Organizing Chairman</b> Prof. Vijay Kumar Jadon, Dean, Chitkara University, Punjab Prof. Rajeev Kamal Sharma, Dean, Chitkara University, Punjab Prof. Ajay Goyal, Dean, Chitkara University, Punjab Dr. Gurdyal Singh, Chitkara University, Punjab Dr. Arrik Khanna, Chitkara University, Punjab</p>	<p><b>Fees for Participants:</b> <b>From Academia/ R&amp;D:</b> Rs. 2000, (USD 80 for foreign delegates) <b>From Industry:</b> Rs. 3000, (USD 100 for foreign delegates) <b>From Students:</b> Rs. 1000, (USD 50 for foreign delegates) <b>From Attendee/ listener:</b> Rs. 500, (USD 25 for foreign delegates)</p> <p><b>Broad areas covered but not limited to:</b></p> <ul style="list-style-type: none"> <li>• Engineering Materials</li> <li>• Advanced Manufacturing Technology</li> <li>• Sustainable Manufacturing</li> <li>• Ultra-precision Fabrication processes</li> <li>• Surface Engineering/ Treatment</li> <li>• Design for Manufacturing</li> <li>• Industrial Engineering</li> <li>• Automotive Manufacturing</li> <li>• Multi-disciplinary related domains</li> </ul>	
<p><b>Organizing Secretaries</b> Dr. Abhineet Saini, Chitkara University, Punjab Dr. Vijay Kumar Sharma, Chitkara University, Punjab</p>	<p><b>Publication Partners: CRC Press, Taylor and Francis (Scopus Indexed)</b> <b>Important Links:</b> Conference Website: <a href="https://chitkara.edu.in/ammt-2022">https://chitkara.edu.in/ammt-2022</a> Conference Registration: <a href="https://paym.chitkara.edu.in/international-conference-on-advances-in-materials-and-manufacturing-technology/">https://paym.chitkara.edu.in/international-conference-on-advances-in-materials-and-manufacturing-technology/</a> Paper Submission : <a href="https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FAMMT2022">https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FAMMT2022</a></p>	
<p><b>Organizing Committee</b> Prof. Anoop Kumar Singh, Chitkara University, Punjab Prof. Rupesh Gupta, Chitkara University, Punjab Dr. Harvinder Singh, Chitkara University, Punjab Dr. Kulwinder Singh, Chitkara University, Punjab Dr. Rakesh Goyal, Chitkara University, Punjab Dr. Jaswinder Singh, Chitkara University, Punjab Dr. Rajesh Kumar, Chitkara University, Punjab Dr. Sunil Kumar, Chitkara University, Punjab Dr. Dhawan Singh, Chitkara University, Punjab Dr. Talvinder Singh, Chitkara University, Punjab Dr. Kamaljeet Singh Chitkara University, Punjab Dr. Mohit Rana, Chitkara University, Punjab Dr. Mukeshwar Yadav, Chitkara University, Punjab Dr. Mohit Kalsia, Chitkara University, Punjab Dr. Deepam Goyal, Chitkara University, Punjab Dr. Sonu Sharma, Chitkara University, Punjab Dr. Ankit Sharma, Chitkara University, Punjab Dr. Prateek Srivastava, Chitkara University, Punjab Dr. Abhishek Kanoungo, Chitkara University, Punjab Dr. Akshay Chaudhary, Chitkara University, Punjab Dr. Akhilesh Kumar, Chitkara University, Punjab Dr. Pankaj Sharma, Chitkara University, Punjab Dr. Abinash Singh, Chitkara University, Punjab</p>	<p><b>ADDRESS FOR CORRESPONDENCE</b></p> <ul style="list-style-type: none"> <li>• Organizing Secretary: Dr. Abhineet Saini (+91-9888749792),</li> <li>• Organizing Joint-Secretary: Dr. Vijay Kumar Sharma (+91-8607000778), Department of Mechanical Engineering, Applied Engineering, CUIET, CHITKARA UNIVERSITY, PUNJAB, Chandigarh-Patiala National Highway, Rajpura, District: Patiala, Punjab (India), Pin Code -140 401</li> </ul> <p><b>Contact Email:</b> ammt2022@chitkara.edu.in</p>	
<p><b>Advisory Committee</b> Prof. Atul Sharma, IIT Bombay Prof. D. K. Dwivedi, IIT Roorkee Prof. Inderdeep Singh, IIT Roorkee Prof. Harpreet Singh, IIT Ropar Prof. Rahul Chhibber, IIT Jodhpur Prof. B. S. Pabla, NITTTT, Chandigarh Prof. S. S. Dhami, NITTTT, Chandigarh Prof. S. S. Banwait, NITTTT, Chandigarh Prof. Rupinder Singh, NITTTT, Chandigarh Prof. Anoop Kumar, NIT Hamirpur Prof. Y. P. Verma, Panjab University, Chandigarh Prof. Chander Prakash, LPU, Jalandhar Dr. Jaswinder Singh Saini, Thapar University, Patiala Dr. Gurjot Singh Dhaliwal, Intertribal Research and Resource Center, UTTC, Bismarck, ND, USA Dr. C. S. Jawalkar, PEC, Chandigarh Mrs. Medha S. Jambhale, ARAI Academy, FMCE, Pune</p>	<p>Mr. Narinder Singh Jassal, CSIO, Chandigarh Dr. Sougata Roy, University of North Dakota, USA Dr. Abdulaziz Abutunis, University of Minnesota Duluth, USA Dr. Ram Hona, UTTC, Bismarck, ND, USA Dr. Mandy Guinn, UTTC, Bismarck, ND, USA Dr. Venkata Gireesh K Menta, University of Minnesota, Duluth, MN, USA Dr. Mokhtar Fal, King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia Dr. Manu Sharma, UIET, Chandigarh Dr. Rajeev Kumar Dang, Panjab University, Chandigarh Dr. Abhishek Chauhan, Panjab University, Chandigarh Dr. Neha Khatri, CSIR-CSIO, Chandigarh Dr. S A Patil, ARAI Academy, FID Chakan, Pune Dr. Mohammad Rafiq B Agrewale, ARAI Academy, FID Chakan, Pune Dr. Vanraj, Labrose Ayurveda Pvt. Ltd., Karnal Mr. Manpreet Singh, H.S. Industries, Mohali Mr. Saurabh Sharma, SML Isuzu, Ropar</p>	