Completion Report
of the Online
International Conference on Mechanical Engineering and Managerial Applications for Productivity Enhancement and Marketability
Organized during September 15-16, 2021 at MANIT Bhopal

MANIT has a rich legacy of organizing Workshops, Seminars, Conferences, FDP's and STTP's. Galaxy of renowned academicians, researchers and teachers from reputed institutions within the country and outside contributed to the academic glory of various academic activities organized by MANIT Bhopal. Department of Mechanical Engineering and Department of Management Studies have been contributing continuously to the academic inputs through various programs like Workshops, Seminar and Conferences etc. These activities have been of great significance in disseminating knowledge, both theoretical and practical to the teachers, researchers and students all over the world.

In this series Department of Mechanical Engineering and Department of Management Studies, MANIT, Bhopal organized "International Conference on Mechanical Engineering and Managerial Applications for Productivity Enhancement and Marketability" during 15th Sept – 16th September 2021.

The coordinators of the conference included Dr. Rajesh Purohit, Professor, Department of Mechanical Engineering, Dr. R.S. Rana, Associate Professor, Department of Mechanical Engineering, and Dr. Priyanka Verma, Assistant Professor, Department of Management Studies, MANIT, Bhopal The inaugural session started at 10:30 AM with Saraswati Vandana by Ms. Jahanvi Purohit, UG student of CSE Department. The Chief Guest of the Conference was Prof. Nageshwar Rao, Vice -Chancellor, IGNOU, New Delhi.

The theme of the workshop and the information about the Institute and Department was presented by Dr. Rajesh Purohit, Professor, Department of Mechanical Engineering, welcome note and vote of thanks was given by Dr. R.S. Rana and concluding was done by Dr. Priyanka Verma. The number of participants registered for the conference was 180 which included free registration of the students from MANIT.

The two days International Conference started on 15thSept 2021. First day Key Note Speakers were Prof. Nageshwar Rao, Vice -Chancellor IGNOU, New Delhi, and Dr. Rakesh Joshi FRSC AFIChemE Senior Lecturer, School of Materials Science &Engineering University of New South Wales Sydney, Australia.

Second day Keynote speakers were Dr. Tapas Mallick Professor & Chair in Clean Technologies College of Engineering, Mathematics and Physical Sciences, University of Exeter, Penryn Campus, and Dr. Aloke Kanjilal, Professor, Department of Physics, School of Natural Sciences, Shiv Nadar University, Tehsil Dadri, Gautam Buddha Nagar.

The First keynote lecture was delivered by **Prof. Nageshwar Rao** on the topic: "**Innovations: Need to Promote"**

The Second keynote lecture was delivered by **Dr. Tapas Mallick** on the topic: "**Challenges and opportunities of Building integrated Solar Technologies in India"**

The Third keynote lecture was delivered by **Dr. Rakesh Joshi** on **"Applications of Graphene Oxide"**

The last keynote lecture was delivered by **Dr. Aloke Kanjilal** on **"Engineering Materials at Nanoscale for Frontier Applications"**

The Technical session included the presentation by the participants.

There were **Six Technical Sessions** in which participants were organized.

Session 1 DESIGN ENGG

In thermal engineering there were 23 participants who presented the papers

Session 2 INDUSTRIAL MANAGEMENT

In Industrial Management there were 16 participants who presented the papers

Session 3 MATERIAL PART A

In Materials Part A there were 31 participants who presented the papers

Session 4 MATERIALS PART B

In Materials Part A there were 31 participants who presented the papers

Session 5 MANUFACTURING ENGG

In Manufacturing Engineering there were 27 participants who presented the papers

Session 6 THERMAL ENGG

In Thermal Engineering there were 20 participants who presented the papers

The second day began with the presentation of the participants.

On the 2nd day after the presentation of all the participants, the best paper awards were given in each session.

At last the valedictory was done. The briefing of the session was done by Dr. Rajesh Purohit, Professor, Department of Mechanical Engineering and announcement of best paper award was given by Dr. R.S. Rana, Associate Professor, Department of Mechanical Engineering and vote of thanks was given by Dr. Priyanka Verma, Assistant Professor, Department of Management Studies, MANIT, Bhopal.

