(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.G.P.V. Bhopal) Near Gola Ka Mandir, Gwalior-474012; <u>www.mitsgwalior.in</u> Department of Mechanical Engineering

14/02/2023

Report of Expert Talk

<u>On</u>

"Challenges and Opportunities in Manufacturing Sectors"

The Department of Mechanical Engineering has conducted an expert talk on "Challenges and Opportunities in Manufacturing Sectors" on 13^{th} February 2023 (Monday) from 04:00 PM – 06:00 PM in the seminar hall-II. The expert talk on "Challenges and Opportunities in Manufacturing Sectors" organized especially for the students of the MITS Gwalior (MP). This session was organized by the Department of Mechanical Engineering.

Our Proud alumni of batch 1996, Dr. Ravindra Singh Rana (Associate Professor, MANIT Bhopal) delivered a lecture on "Challenges and Opportunities in Manufacturing Sectors".

Brief Objective of the Program

- > To provide an outlook of current manufacturing sectors.
- > To discuss major thrust areas in manufacturing sectors.
- > To provide an overview of opportunities for Engineering Graduates in Manufacturing Sectors.
- > A discussion on necessary skills and aptitude requirement for professionals in near future.

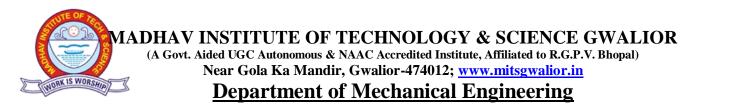
Salient points of discussion / deliberations

- ➢ Global market and connectivity.
- > IoT as enabler of communities in future aspects of Mechanical Engineering.
- > Utilization of various advanced technology in market.
- > Discussion on the implementation of the Digital Manufacturing related courses on institute curriculum.
- Discussed about the 5G technology

Outcomes:

- -- How to make entrepreneurs in the direction of Make in India?
- -- Proper Utilization of latest technologies in the various sectors.
- -- To identify the problems or challenges for the Mechanical Engineers.
- -- Solution of the challenges for the Mechanical Engineers.

Overall, this interaction was very informative for all participants.



The seminar poster and glimpses are given below:







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Thanks with regards

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Dr. Gavendra Norkey I/c of Departmental Activity

Dr. Manoj Kumar Gaur

Professor and Head Department of Mechanical Engineering