



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute, Affiliated to R.G.P.V. Bhopal)

Near Gola Ka Mandir, Gwalior-474012; www.mitsgwalior.in

Department of Mechanical Engineering

14/02/2023

Report of Expert Talk

On

“Challenges and Opportunities in Manufacturing Sectors”

The Department of Mechanical Engineering has conducted an expert talk on “Challenges and Opportunities in Manufacturing Sectors” on 13th 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.



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The seminar poster and glimpses are given below:

An Expert Talk on
Challenges and Opportunities in Manufacturing Sectors

A proud alumni of MITS

Date and Time
13th February 2023
04:00 PM to 05:00 PM
Venue: Seminar Hall - II

Organized by
Department of Mechanical Engineering

Dr. Ravindra Singh Rana
Associate Professor, Department of Mechanical Engineering MANIT (Deemed University), Bhopal Madhya Pradesh, India

Madhav Institute of Technology & Science, Gwalior- 474005
Contact: Dr. Gavendra Norkey (8770541940)





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Attendance Sheet

| Expert talk on: Challenges & Opportunities in Manufacturing Sectors | | | |
|---|--------------|-------------------------|---------------|
| TIME 04:05 PM | | | |
| 1 | 0901ME20202 | Alok Sharma | Alok |
| 2 | 0901ME201020 | Akash Kulkarni | Akash |
| 3 | 0901ME211055 | Nishant Kevat | Nishant |
| 4 | 0901ME211039 | Jatin Srivastava | Jatin |
| 5 | 0901ME211038 | Ishan Khan | Ishan |
| 6 | 0901ME211089 | Vishnu Yadav | Vishnu |
| 7 | 0901ME201052 | RAGHU SENANAYAK | RAGHU |
| 8 | 0901ME201067 | Gaurav Bagari | Gaurav |
| 9 | 0901ME201069 | Chandrasekhar Sahu | Chandrasekhar |
| 10 | 0901ME201060 | Dipankar Barua | Dipankar |
| 11 | 0901ME211065 | Siddhant | Siddhant |
| 12 | 0901ME211053 | Mehad Singh | Mehad |
| 13 | 0901ME211011 | Pratik Bora | Pratik |
| 14 | 0901ME201038 | Pravesh Anand | Pravesh |
| 15 | 0901ME201085 | Mahavish Khandelwal | Mahavish |
| 16 | 0901ME201084 | AD, Rakesh | AD |
| 17 | 0901ME201081 | Nandan | Nandan |
| 18 | 0901ME201083 | Mayank Tulkar | Mayank |
| 19 | 0901ME201099 | Rishabh Prasad | Rishabh |
| 20 | 0901ME201112 | Sahana | Sahana |
| 21 | 0901ME201070 | Hemant Verma | Hemant |
| 22 | 0901ME201059 | Udayan Kumar | Udayan |
| 23 | 0901ME201047 | Muskan Choudhary | Muskan |
| 24 | 0901ME201050 | Anshu Sharma | Anshu |
| 25 | 0901ME211081 | Ananya Khas | Ananya |
| 26 | 0901ME211080 | Mohit Rajan | Mohit |
| 27 | 0901ME211021 | Anshu Rajan | Anshu |
| 28 | 0901ME211036 | Nishu Palidan | Nishu |
| 29 | 0901ME211015 | Shivansh Shrivastava | Shivansh |
| 30 | 0901ME223001 | Anam Singh Thakur | Anam |
| 31 | 0901ME211079 | Satyam Rajput | Satyam |
| 32 | 0901ME211084 | Rohit Kumar | Rohit |
| 33 | 0901ME211006 | ADAR MISHRA | ADAR |
| 34 | 0901ME211070 | Sanket Bisen | Sanket |
| 35 | 0901ME211076 | Shivansh Prasad Singh | Shivansh |
| 36 | 0901ME211076 | Shivansh Prasad Singh | Shivansh |
| 37 | 0901ME211017 | Ashish Singh | Ashish |
| 38 | 0901ME211033 | Dhyanendra Kumar | Dhyanendra |
| 39 | 0901ME211028 | Deepak Rajawat | Deepak |
| 40 | 0901ME211034 | Harshav Srivastava | Harshav |
| 41 | 0901ME223006 | Kamlesh Shukla | Kamlesh |
| 42 | 0901ME223009 | Ashutosh Mishra | Ashutosh |
| 43 | 0901ME211049 | Mayank Arora | Mayank |
| 44 | 0901ME223004 | Rajeev Singh | Rajeev |
| 45 | 0901ME211052 | Mahesh Kumar | Mahesh |
| 46 | 0901ME211037 | Indresh Singh Chaudhary | Indresh |
| 47 | 0901ME211026 | Deepak Choudhary | Deepak |
| 48 | 0901ME211027 | Deepak Singh | Deepak |
| 49 | 0901ME211010 | Ashish Khan | Ashish |
| 50 | 0901ME211010 | Ankur Patil | Ankur |
| 51 | 0901ME211083 | Sudhanshu Singh Patel | Sudhanshu |
| 52 | 0901ME211047 | LOVE SINGH | LOVE |
| 53 | 0901ME211040 | JAYANT JAIN | JAYANT |
| 54 | 0901ME211077 | Shivansh Mishra | Shivansh |
| 55 | 0901ME211066 | Rohit Kumar | Rohit |
| 56 | 0901ME211041 | Syahi Singh | Syahi |



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Expert talk on challenges & opportunities 13/02/2023
In many sections
by Dr. Rana

| Name | Enrollment no. | Signature |
|---------------------------|----------------|-----------|
| Charanvir Singh | 0901ME21021 | |
| Ashika Pradip Singh Tomar | 0901ME201013 | |
| Rishi Singh Rajawat | 0901ME201041 | |
| Ashika Thakur | 0901ME201014 | |
| Deepak Arora | 0901ME201050 | |
| Karan Sahni | 0901ME201079 | |
| Tegash Nayak | 0901ME201097 | |
| Riyash Soni | 0901ME201090 | |
| Tushar Verma | 0901ME201128 | |
| Tarun Prasad | 0901ME201126 | |

13/02/2023

| Name | Enrollment no. | Signature | Year |
|-----------------|----------------|-----------|------------|
| Anuj Agrawal | 0901ME21014 | | 13/02/2023 |
| Akshit Tapatia | 0901ME21014 | | 13/02/2023 |
| Avinash Rathore | 0902ME201048 | | 3rd |
| Rupesh Rathore | 0901ME201061 | | 3rd |
| Sankar Paluwa | 0901ME223007 | | 2nd |
| Omrit Bhatnagar | 0901ME223002 | | 2nd |

Thanks with regards

Dr. Gavendra Norkey
I/c of Departmental Activity

Dr. Manoj Kumar Gaur
Professor and Head Department of Mechanical Engineering