

SVKM's NMIMS
Mukesh Patel School of Technology Management & Engineering, Shirpur Campus
Report on MBA Tech. & B. Tech. First Year Orientation Programme – 2020

SVKM's NMIMS Mukesh Patel School of Technology Management & Engineering, Shirpur, organized an online orientation programme for the newly admitted MBA Tech & B. Tech. students from 10th August, 2020 to 14th August 2020. The major objective of the programme was to make all the parents and students aware about the academic aspects of the courses, the rules and regulations of the institute and ensuring parental participation in monitoring the progress of the students. An online orientation programme was organized on MS Teams due to Pandemic.



On the First Day (10.08.2020) the programme was inaugurated with the worshipping Goddess of Knowledge Maa Saraswati. The First Year orientation programme initiated by the virtual presence of Dr. R. S. Gaud (Director, MPTP Shirpur Campus), Dr Narayan Chandak (Officiating Director, MPSTME Shirpur Campus), Dr. Ambikanandan Misra (Director SPTM Shirpur Campus), Mr. Rajeev Dalal (Deputy Registrar, MPTP Shirpur Campus), and Mr. Rahul Dande (Chief Accountant and Administrator, MPTP Shirpur Campus). Dr. Govind Rajput (In-charge First Year MBA.Tech) and Dr. U. Raghvendran (In-charge First Year B. Tech.) were the coordinator for Online Orientation Program.



Dr. R. S. Gaud, Director, MPTP Shirpur Campus addressed on various academic issues with emphasis on meeting the industry expectations. He voiced the vision of NMIMS by emphasizing that the Institute's agenda is towards quality education and research. He informed students about upcoming trends in the industry with special reference to the Technology and Management. He inspired all the students by making them understand about the importance of Engineering.

Dr Narayan Chandak (Officiating Director, MPSTME Shirpur) also welcomed the students and motivated them to excel in their respective fields. He illuminated the students about state of the art infrastructure of the campus. He also motivated the students to have high visionary goals in their professional life.



A few videos were also shown to make them aware about various curriculum and co-curriculum activities happening at department as well as institute level.

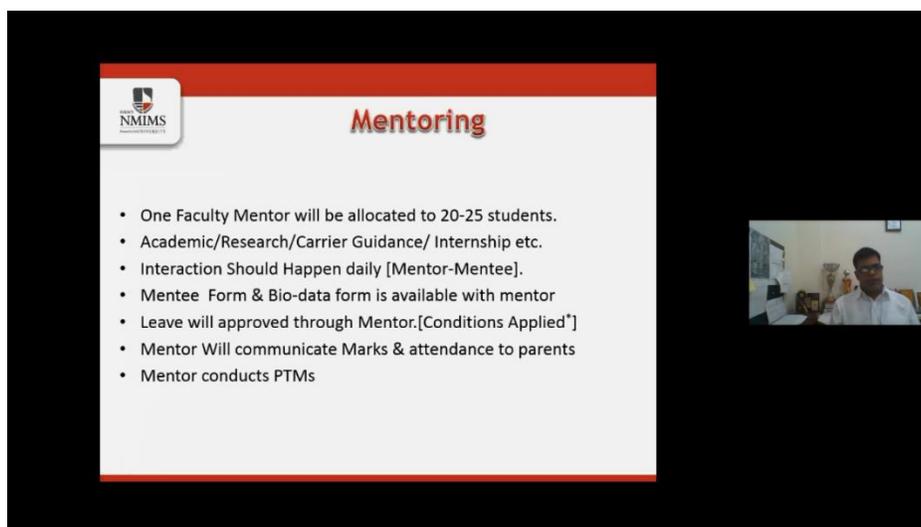
This was followed by Dr Monimoy Saha, Director, Hostel Administration, who discussed about the Hostel environment at the institute, the facilities and infrastructure available in the hostels, mess and Hostel Discipline.



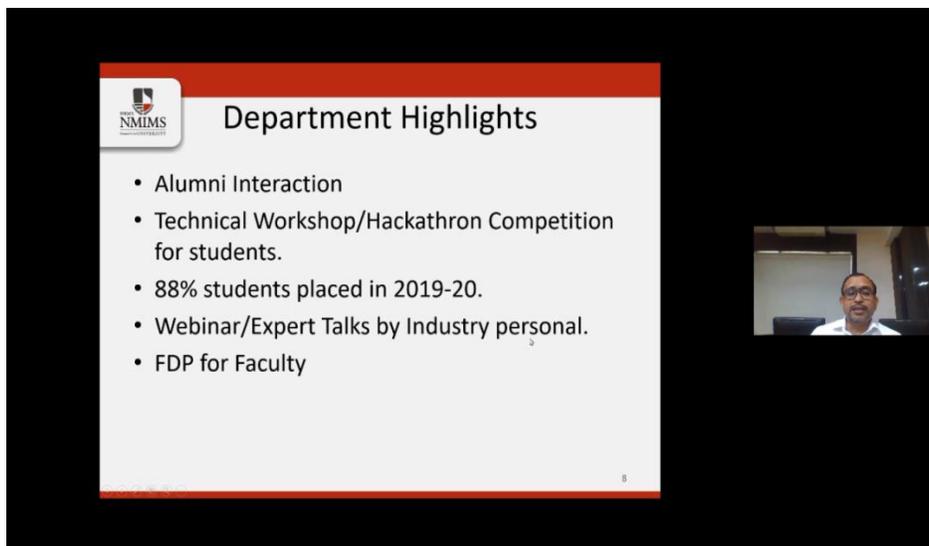
Then the students were addressed by the First Year In-Charge Dr. Govind Rajput, who welcomed the students and gave them an introduction regarding the academic schedule and disciplines.

It was followed by the presentation of Dr. Milan Joshi, Assistant Professor in Mathematics on Application of Mathematics in Engineering.

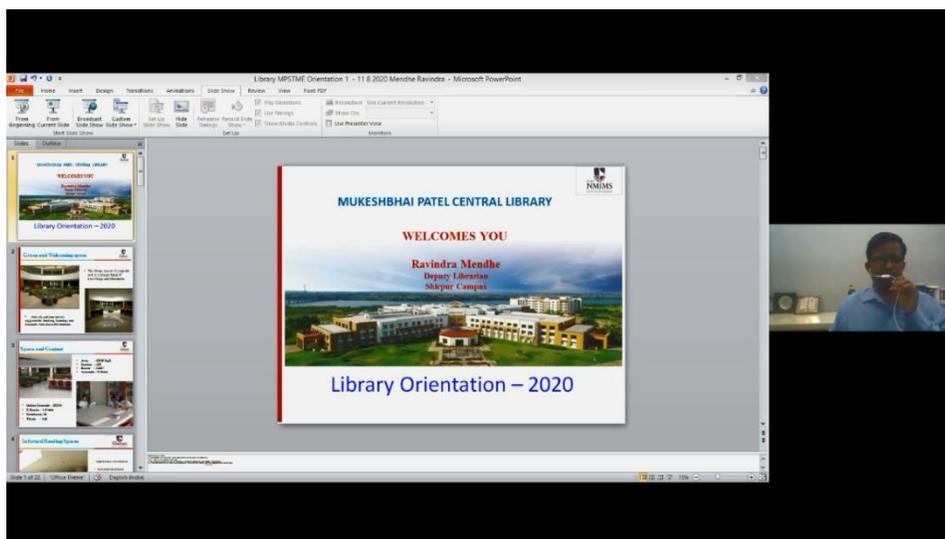
The Second day of First Year orientation (11.08.2020), started with the address by Dr. R. K. Rombola, H.O.D., Department of Computer Engineering, who gave information on department and various activities carried by the department.



After that, Dr. N. S. Choubey, H.O.D., Department of Information Technology gave presentation on the department and various activities carried by the department.



Librarian of the institute, Mr. Ravindra Mendhe, explained in detail about the vast inventory of literature available at the library, both in form of books as well as e-books. He talked about digital library, reading halls, journals and other Library facilities.



This was followed by Dr. P. K. Gupta, Assistant Professor in Physics, who gave presentation on Application of Basic Science in Higher Education ((Physics).

Structure of optical fiber

Applications of Fibers:

- In Illumination and image transmission such as Fiberscope
- Acts as a wave guide for laser light, which is used frequently in many areas
- In large varieties of sensors viz., Temperature sensor, Pressure sensor, Pollution sensor and liquid level sensor etc.
- In Fiber-Optics Communication system for data/signal transmission
- In many medical applications such as laser therapy, micro surgery, plastic surgery etc.
- In large ships and aircrafts fiber optic systems are used to reduce the weight appreciably.

After that Dr. Malvika Sharma, Assistant Professor in Chemistry, gave presentation on Application of Basic Science in Higher Education (Chemistry).

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Robotics a multidisciplinary Domain

The bringing together of separate disciplines around common themes, issues, and problems.

In modern times engineers need to be familiar with scientific and mathematical skills are necessary for professional success.

An engineering student nevertheless must also experience the **"functional core of engineering"**—the excitement of facing an open-ended challenge and creating something that has never been.

On the Third Day (12.08.2020) in the early morning session, the students were educated about the importance of their health, hygiene, nutrition and fitness. Mr. Bhalchandra N conducted session on Yoga.



After that, in the next session, Dr Sanjay Shrivastava, Associate Professor, illuminated the students about various Forums active in the institute and their roles.



Next, Student Council members also welcomed the first year students. The students were given inputs on role of student council.

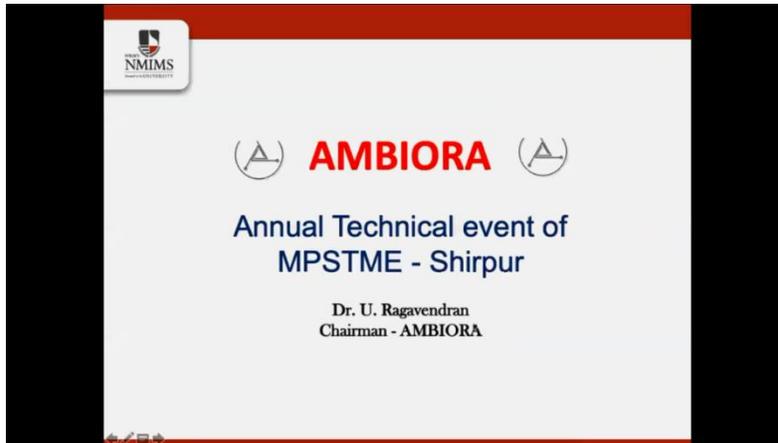
The Fourth Day (13.08.2020) of First Year Orientation started with the address by Dr. B. K. Mohanty, Associate Dean Research & H.O.D., Department of Electronics and Telecommunication, who gave information on the Department and various activities carried by the department.

LABORATORY FACILITIES	
Sr. No.	Laboratory
1	Electronics Circuit Design
2	Communication
3	Digital Design
4	Signal Processing
5	Electronic Workshop
6	Basic Electrical Engineering
7	Advanced Communication
8	Microwave Engineering
9	Project Lab
10	Embedded System Design
11	PCB Lab & Robotic Club
12	Bosch Centre of Excellence in Automation Technology

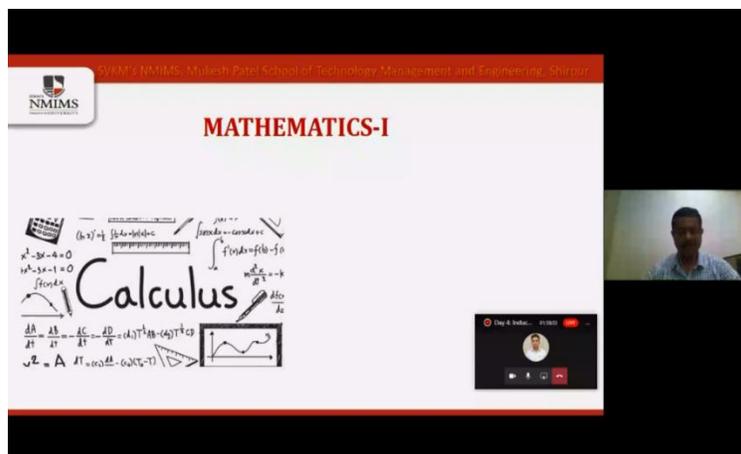
After that, Dr. Rakesh Chaudhari, H.O.D., Department of Mechanical Engineering gave presentation on the Department and various activities carried by the department.

Second half of the program was conducted as given below for informing students about the Tech Fest, Cultural and Sports activities at MPSTME Shirpur.

1	Glimpses of Ambiora	Dr. U. Ragavendran
2	Glimpses of Flavium	Dr. K. K. Gupta
3	Glimpses of Protsahan	Dr. Rakesh Chaudhari



At the last Prof. Prakash Bhagat, Assistant Professor in Mathematics, gave presentation on Mathematics I and discussed the syllabus.



The Fifth Day (14.08.2020) of the Orientation Program, started with the presentation by Dr. Payal Dande on Each One Save One, a Social Forum of NMIMS Shirpur Campus.



At last but not the least, the First Year Students were given inputs on Physics, Chemistry, English and BEE. The details are given below:

1	English	Prof. Abhijeet Dawle
2	Physics	Dr. Vivekanand Bagal
3	Chemistry	Dr. Sugam Shivhare
4	BEE	Prof. Suyog Pande
