

### MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING (SHIRPUR CAMPUS)

**From the Desk of Associate Dean-MPSTME**

**Dr Kamal Mehta**



It gives me great pleasure to share the MPSTME Shirpur newsletter for the readers. We, as a team is constantly moving forward towards achieving the vision of being a globally admired University. This newsletter is a reflection of efforts carried out by the students, faculty members, and staff along with all the other stakeholders. The dedication and expertise of our faculty and staff members are evident through their contributions to the overall development of the Campus. Few of these accomplishments are mentioned in the newsletter. I am proud of all these achievers and confident that everyone will take inspiration from them to achieve success in all endeavours. I also take this opportunity to extend my congratulations to the editorial team for bringing out this issue of the newsletter in its present form and exhibiting different colours of campus on the educational canvas.

**From the Desk of Editors – MPSTME Shirpur Live**

**Dr Sanjay Shrivastava & Dr Abhijeet Dawle**

The year 2021 was brimful of great accomplishments and recognitions harnessing the vital gathering of intellectuals from academics and industries. This newsletter has played a critical role in bringing to you every update from MPSTME, Shirpur Campus. We are happy to present the 'MPSTME Shirpur Live' with a wonderful pack of institutional information highlighting prominent activities that took place during the span of the past six months from July to December 2021 at MPSTME, Shirpur Campus. This issue presents to you, the colorful glimpses of achievements and accolades, campus activities, alumni speak, workshops, guest lectures, technological snippets, etc. We extend our thankfulness to the faculty coordinators for contributing the reports well in time.



## VISION

Play a distinct role in providing excellence in engineering and management education thereby creating human resources of value to industry and society both at national and international level.

## MISSION

- Formulate relevant curriculum through strong industry linkages and interaction
- Ensure quality of education through pedagogical innovations
- Undertake and promote relevant research
- Ensure multifaceted development of students, faculty and staff through continuous introspection and inputs

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• WEBINAR/FDP/WORKSHOPS ORGANIZED

One Day Workshop on, “Live Projects on Data Science & Machine Learning Using Python”

**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**LEARN TECH with NMIMS SHIRPUR**

**ONE DAY WORKSHOP ON**  
**Live Projects on Data Science & Machine Learning using Python**  
for class XII students

Registration Link: <https://forms.office.com/r/GUU0v4nLzB>

Scan QR to Registered

Saturday, 03<sup>rd</sup> July 2021  
01:00 p.m. to 05:00 p.m.

Venue:

**KEY FEATURES:**

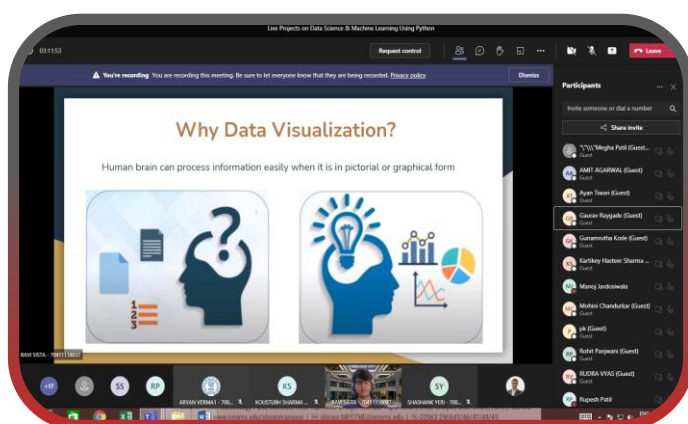
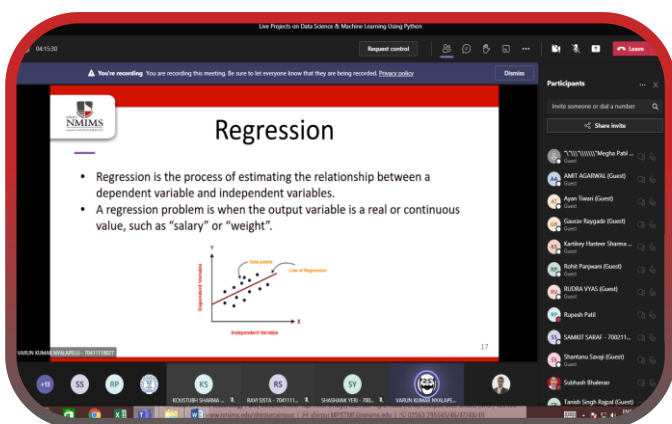
- SKLEARN
- Applications
- Overview Basics of Python
- Numpy
- Pandas
- Matplotlib

For More Details & Registration Contact  
**8999233879 / 8999204310**

Certificate of participation will be issued to all participants\*

Mukesh Patel Technology Park, Babulde, Near Tapi River Bridge, Mumbai-Agra Road (NH3), Shirpur, Dist. Dhule, (M.S.) 425405  
www.nmims.edu/shirpurcampus | shirpur.MPSTME@nmims.edu | 02563 295545/46/47/48/49

It was the second one-day workshop conducted under the “Learn Tech with NMIMS Shirpur Workshop Series.” The Department of Computer Science organized a One Day Workshop on “Live Projects on Data Science & Machine Learning Using Python” on 03rd July 2021. More than 35 participants attended the session. Prof. Dhananjay Joshi and students Koustubh Sharma, Aryan Verma, Varun Kumar Nyalapelli, Ravi Sista, Divya Pokkunuri, Mahima Rajapriyar, and Ananya Singh Nirwan conducted this workshop. The event received valuable guidance and support from Dr. Akshay Malhotra, Director, MPTP Shirpur Campus, and Dr. Kamal Mehta, Associate Dean, MPSTME Shirpur. Shri Rahul Dande, Chief Accountant & Administrator, Shirpur Campus.





- WEBINAR/FDP/WORKSHOPS ORGANIZED

### CSI STUDENT CHAPTER EVENT “AIML Webinar”

On September 25th, 2021, the Computer Society of India MPSTME, Shirpur chapter organized the Webinar on Artificial Intelligence (AI) and Machine Learning (ML), which introduced various aspects of AI and ML. The webinar was attended by the students of NMIMS, Mukesh Patel School of Technology Management & Engineering, Shirpur, and there were approximately 50 people in attendance.

The Speaker of the webinar was Dr. Aditya Shastri who is a Ph.D. graduate of IIT Indore and currently developing machine learning algorithms for Bioinformatics and Medical Imaging. He is working as an assistant professor at NMIMS, Shirpur. During the webinar, Dr. Aditya Shastri spoke and presented different topics about AI and ML.

At first, he started with Artificial Intelligence and Machine Learning and their applications like Humanoid Robot by Hanson Robot, Self Driving Car by Tesla, and many more. He spoke about how machine learning relies on patterns with minimal human intervention, makes predictions or decisions without being explicitly programmed and the different algorithms needed.

Then he drew parallels between AI and ML and how ML remains the subfield of AI. He also mentioned disagreement that ML is not the subfield of AI. Then he continued and stated the history of ML and how it shifted focus away from the symbolic approaches that it had inherited from AI towards the methods and models borrowed from statistics and probability theory. He also spoke briefly about how AI focuses on achieving tasks, while ML focuses on improving the accuracy of achieving the tasks.

He then discussed various ML algorithms specifically supervised, unsupervised, and reinforcement learning. He then mentioned relationships with other areas like computational statistics, mathematical optimization, and data mining with Machine Learning.

He showed various Integrated Development Environments (IDE) and online platforms to perform Machine Learning and Artificial Intelligence. In the end, he implemented Logistic Regression on Google Collab. Dr. Shastri shared with us his valuable time and knowledge and gave us a new perspective on the topic. He also answered various questions asked by the students towards the end of the event. We are grateful that Dr. Shastri allowed us to conduct the event smoothly. We would like to extend our thanks to Prof. Mayank Sohani and Prof. Piyushkumar Soni for overseeing the whole event.

### Applications of Mathematics in Engineering, under One Subject One Webinar Organized by Applied Sciences and Humanities Department

An online webinar on “Applications of Mathematics in Engineering” was delivered by Dr. MD Shamshuddin [Associate Professor, Vaagdevi College of Engineering, Warangal, Telangana] on 09/10/2021. This webinar was conducted under the initiative of the One Subject One Webinar series and coordinated by Dr. Govind Rajput [Assistant professor, HOD, Applied Sciences and Humanities Department, MPSTME, Shirpur]. It was organized for faculties and all the students of 1st year from different disciplines.

Dr. MD Shamshuddin had initially discussed the three basic terms of Mathematics: Limit, Differentiation, and Integration. Later, the speaker had discussed the applications of these terms in day-to-day life using some practical examples. He had also asked some questions to students related to basic concepts of Mathematics and students were actively participated in the discussion. At last, the speaker had explained the applications of mathematics in various fields like art, health, physics, and business.

## • WEBINAR/FDP/WORKSHOPS ORGANIZED

### Career in Microwave and RF Engineering, under One Subject One Webinar Organized by Department of EXTC, MPSTME, Shirpur Campus

An online webinar on “Career in Microwave and RF Engineering” was delivered by Dr. Keyur Mistry [RF Engineer Oxford Space Systems, Harwell Space Cluster, United Kingdom] on 23/10/2021. This webinar was conducted under the initiative of the One Subject One Webinar series and coordinated by Prof. Rehan Ahmad [Assistant professor, Department of EXTC, MPSTME, Shirpur]. It was organized for faculties and students from the 3rd Year and 4th Year EXTC/ME/MXTC engineering department. Dr. Keyur Mistry had given some insight about Oxford Space Systems, Harwell Space Cluster. It areas of functioning. He described his role and responsibilities. Dr. Mistry had explained the basics and applied terms in microwave technology. Different types of antennas, their fabrication methods, installation, and implementation steps. He had also explored various arenas in microwave and radio frequency (RF) engineering.

### Use of Artificial Intelligence in Telecom Industry, under One Subject One Webinar Organized by Department of EXTC, MPSTME, Shirpur Campus

An online webinar on “Use of Artificial Intelligence in Telecom Industry” was delivered by Mr. Nikhil Niket [Data Scientist Prodapt Solutions Chennai, India] on 16/10/2021. This webinar was conducted under the initiative of the One Subject One Webinar series and coordinated by Prof. Suyog Pande [Assistant professor, Department of EXTC, MPSTME, Shirpur]. It was organized for faculties and students from the 4th Year EXTC/ME/MXTC engineering department and students from 1st year. The impact of recent technology in Data Science, AI in the living environment was discussed in this session. The Speaker of the Session Mr. Nikil Niket presented the keynote address on “reducing telecom truck roll operation costs with AI and roadmap to data scientist. He discussed the basic concepts used in the technology relating with best suitable real-life examples which are essential for the understanding of technology. The speaker gave an in-depth perspective on such things as the combination of Data Science and Artificial Intelligence. He inspired the audience by lively interacting on topics such as new trends in applying Data-driven, Machine Learning approaches for business decisions and incorporation of Artificial Intelligence.

### Webinar on “Data Structures applications in Game Development”

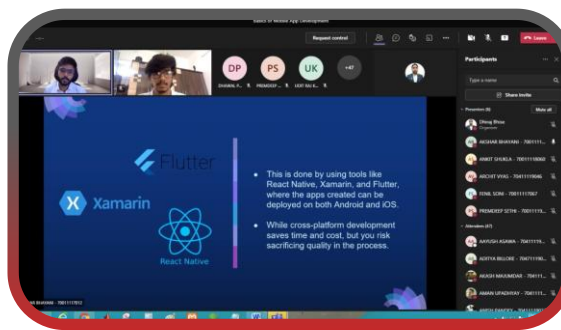
Department of Information Technology had organized a webinar on “Data Structures applications in Game Development” for 2nd YR BTECH, IT/CS Dept. students under the “One Subject One Webinar” scheme on 9th Aug. 2021. The event was conducted Online through MS TEAMS. The resource person for the event was Mr. Kashyap Rajpal, the event was organized by Dr. N. S. Choubey Head, IT Department. and coordinated by Asst. Prof. Dhiraj Bhise. Mr. Kashyap Rajpal is S/W Engineer- Gameplay Systems Crystal Dynamics at San-Francisco, California. He has over 10 years of experience. The concept, applications of data structure in game development, and its importance were explained by the speaker. He also informed about current trends and tools/platforms used for the game development industry. Various career opportunities in the field were discussed. Presentation from the speaker was followed by a question-answer session where the speaker and Dr. N. S. Choubey (Head, IT Department) had addressed the queries of the students. The event concluded with a vote of thanks to the speaker, organizer, and most importantly the students and the faculties who had shown high interest in this event by the coordinator of the event Mr. Dhiraj Bhise. This event was attended by 188 Students.



WEBINAR/FDP/WORKSHOPS ORGANIZED

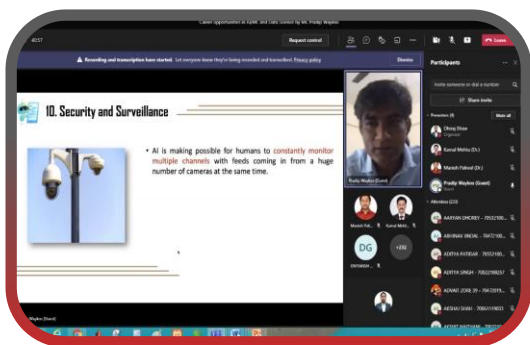
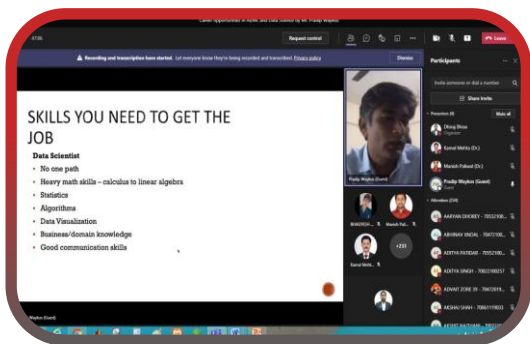
Webinar on “Basics of Mobile App Development”

App Development Club had organized a webinar on “Basics of Mobile App Development” for the First Year, Second Year, and Third Year students from the IT and CS Department on 16th Oct. 2021. The event was conducted online through MS TEAMS. The resource person for the event was Mr. Akshar Bhayani Post: Application Development Associate at Accenture Mumbai, and Mr. FENIL SONI Post: Software Engineer at CISCO Systems Mumbai. The event was organized and coordinated by Asst. Prof. Dhiraj Bhise, IT Department. The basic skill required for Mobile App Development, applications, and their importance were explained by the speaker. They also discussed the current trends and tools/platforms used by the App development industry. In the mid part, they discussed how important for an app developer to learn advanced technologies for front-end design like UI/UX, Prototyping, wireframing, etc. Various career opportunities in this field were discussed in the last part of the session. Presentation from the speakers was followed by a question-answer session where the speakers and Asst. Prof. Dhiraj Bhise had addressed the queries of the students. The event concluded with a vote of thanks to the speaker, organizer, and most importantly the students and the faculties who had shown high interest in this event by the coordinator of the event Mr. Dhiraj Bhise. This event was attended by 188 Students.



Webinar on “Career opportunities in AI/ML and Data Science”

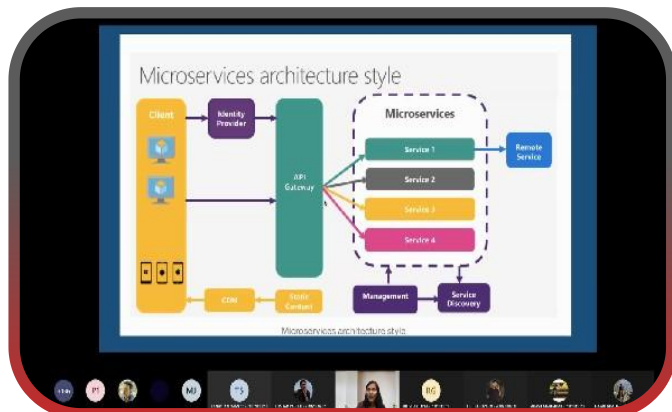
Department of Information Technology had organized a webinar on “Career opportunities in AI/ML and Data Science” for First YR BTECH, IT/CS Dept. students on 22nd Sep. 2021. The event was conducted Online through MS TEAMS. The resource person for the event was Mr. Pradip Waykos, the event was organized by Dr. N. S. Choubey Head, IT Department. and coordinated by Asst. Prof. Dhiraj Bhise. The introduction and welcome part of the event is handled by Dr. Manish Paliwal About the speaker, Mr. Pradip Waykos is working as an advisory Software Engineer, at IBM Pune. He has 13 years of software development experience as a Technical Lead at IBM Storage Lab. Worked for enterprise software development in systems, storage, information security, etc.



The major concepts in AI and ML were discussed. The breakdown of industrial development and the great changes in related categories were explained. Applications of AI and ML like Automated customer support, smart cars, security, surveillance, etc. He also informed about current trends and hot jobs in Data Science. Various career opportunities in the field and the skills you need to get a job in this field were discussed. Presentation from the speaker was followed by a question-answer session where the speaker and Dr. Manish Paliwal had discussed the solutions of the queries/questions of the students. The event concluded with a vote of thanks to the speaker, organizer, and most importantly the students and the faculties who had shown high interest in this event by the coordinator of the event Mr. Dhiraj Bhise.

- WEBINAR/FDP/WORKSHOPS ORGANIZED

### Webinar on “Micro service architecture in Cloud”



Department of Information Technology had organized a webinar on “Micro service architecture in Cloud” for 2nd and 3rd YR BTECH, IT/CS Dept. students on 15th Sep. 2021. The event was conducted Online through MS TEAMS. The resource person for the event was Ms. Poonam Singh, the event was organized by Dr. N. S. Choubey Head, IT Department. and coordinated by Asst. Prof. Dhiraj Bhise. The introduction and welcome part of the event is handled by Asst. Prof. Ms. Sonia Relan.

About the speaker, Ms. Poonam Singh is Senior Manager, SW QA Engineering at Riverbed Technology, Sunnyvale, California United States. She has more than 15 Years of experience working on various no-premise and cloud products, Founder and Mentor of Powerup. The major concepts in cloud development platforms were discussed like cloud computing services, micro service architecture style, End-to-End Testing in a Microservices Architecture, etc., and its importance was explained by the speaker. She also informed about current trends and tools/platforms used by the industry. Various career opportunities in the field were discussed. Presentation from the speaker was followed by a question-answer session where the speaker and Asst. Prof. Dhiraj Bhise had discussed the solutions to the queries/questions of the students. The event concluded with a vote of thanks to the speaker, organizer, and most importantly the students and the faculties who had shown high interest in this event by the coordinator of the event. This event was attended by 155 Students.

### Webinar on “Applications of Software Engineering”

Department of Information Technology had organized a webinar on “Applications of Software Engineering” for students of the IT department on 25th September 2021. The event was conducted Online through MS Teams. The resource person for the event was Mr. Jai Gupta and the event was coordinated by Mr. Prashant Udawant and Mr. Dhiraj Bhise

Mr. Jai Gupta is a Senior Analyst, Synthetic Trading, London Goldman Sachs. and he’s been in the IT industry for the last 2 years.

Mr. Jai gave a very different and enlightening talk to students of MPSTME. Starting from the basic concepts of Software engineering, he ended his discussion on the relation and importance of software engineering in the world of AI and Automation. Nicely differentiating the Software project manager from Software Engineer, he explained the importance of Software engineers in the industry. He also explained how Software Engineering helps in the life of Techno managers. Various career opportunities in the field and the skills you need to get a job in this field were discussed.



## • WEBINAR/FDP/WORKSHOPS ORGANIZED

### Webinar on “Programming Paradigm”

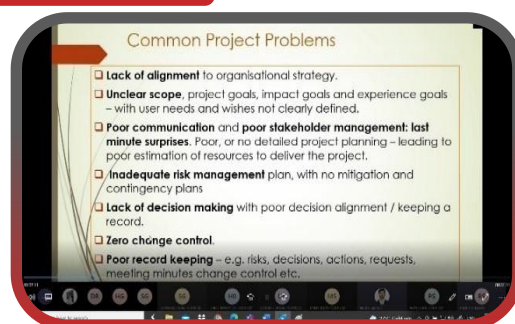


Department of Information Technology had organized a webinar on “Programming Paradigm” for the students of First Year B.Tech (All Branch) students. This webinar was organized under the “One Subject-One Webinar” initiative of Dr. Akshay Malhotra, Campus Director, MPTP Shirpur for the subject “Programming for Problem Solving(PPS)” by Dr. Nitin Choubey on 24-09-2021. The event was conducted Online through MS TEAMS. The resource person for the event was Mr. Himanshu Sharma, Data Engineer, AIG, Melbourne, Australia. The webinar started with the overview of the webinar and introduction of the speaker by Dr. Nitin Choubey, Subject Teacher for PPS. The Speaker for the webinar, Mr. Himanshu Sharma is working as a Data Engineer with years of experience in Data Science, ETL, and Datawarehouse projects. He has also worked in “Book My Show” which is in the entertainment industry. Mr. Sharma explained the various programming paradigm and their applications in Industry. The address from the speaker was followed by a question-answer session where the speaker and Dr. Nitin Choubey discussed the solutions to the queries/questions of the students. It was followed by the concluding remarks by Dr. Suresh Kurumbanshi, Overall Coordinator for One Subject One Webinar”, MPSTME, Shirpur. The event concluded with a vote of thanks to the speaker, organizer, and most importantly the students and the faculties who had shown high interest in this event by the coordinator of the event by Prof. Dhiraj Bhise, Webinar Coordinator, IT Department. This event was attended by 167 participants.

### Webinar on “Software Project Management”

Department of Information Technology has organized a webinar on “Software Project Management” for the students of Fourth Year B.Tech (IT) students. This webinar was organized under the “One Subject-One Webinar” initiative of Dr. Akshay Malhotra, Campus Director, MPTP Shirpur for the subject “Software Project Management (SPM)” by Prof. Piyush Kumar Soni on 01-10-2021. The event was conducted Online through MS TEAMS. The resource person for the event was Dr. Ritesh Shah, Project Manager, Parkhya Solutions Private Limited, Indore.

The webinar started with the overview of the webinar and introduction of the speaker by Prof. Piyush Kumar Soni, Subject Teacher for SPM. Dr. Shah explained the various aspects of project management and their applications in the software industry. The presentation from the speaker was followed by a question-answer session where the speaker addressed the queries/questions of the students. The event concluded with a vote of thanks to the speaker, authorities, and most importantly the students by Prof. Piyush Kumar Soni. This event is attended by 55 participants.



• WEBINAR/FDP/WORKSHOPS ORGANIZED

Webinar on Career Opportunities in Aeronautics and Aerospace Industry for Mechanical and Automation Engineers

Webinar on Role of Mechanical and Automation Engineers in IT Industry

**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**WEBINAR ON**  
**Career Opportunities in Aeronautics & Aerospace Industry**  
FOR MECHANICAL & AUTOMATION ENGINEERS

**Sunday, 25<sup>th</sup> July 2021**  
**10:00 a.m. onwards**

Registration Link:  
<https://forms.gle/bEvjRsPCV4axJthM8>

**RIDDHI BAROT**  
NMIMS Shirpur Alumna  
Batch: 2012-2016  
Engineer-Technical Services,  
Frontier Airlines, Unites States

**Mukesh Patel Technology Park, Babulde, Nr. Tapi River Bridge, Mumbai-Agra Road (NH3), Shirpur, Dist. Dhule, (M.S.) 425405**  
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**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**  
Shirpur Campus

**WEBINAR ON**  
**Role of Mechanical & Automation Engineers in IT Industry**

**Wednesday, 11<sup>th</sup> August 2021**  
**10:00 a.m. onwards**

Zoom Meeting Link:  
<https://qrgo.page.link/xk3m9>  
Meeting ID: 991 5655 6789

**MR. SWAPNIL CHAUDHARI**  
Lead-Customer Success  
in Hyper-Automation

**Riverside Campus**

**Mukesh Patel Technology Park, Babulde, Nr. Tapi River Bridge, Mumbai-Agra Road (NH3), Shirpur, Dist. Dhule, (M.S.) 425405**  
[www.nmims.edu/shirpurcampus](http://www.nmims.edu/shirpurcampus) | [shirpur.MPSTME@nmims.edu](mailto:shirpur.MPSTME@nmims.edu) | ☎ 83298 99401 / 84592 04649

A webinar was conducted by Riddhi Barot, an alumna of Mechanical Engineering Department, batch 2012-2016 on the topic “Career Opportunities in Aeronautics and Aerospace Industry for Mechanical and Automation Engineers”. There were more than 100 participants for the webinar out of which, 40 were external participants. It was an insightful webinar comprising information related to the kind of work one needs to perform as an aeronautical or aerospace engineer and a brief overview of the technical aspects related to it. It was well appreciated by all the participants. It was Coordinated by Prof. Praveen Kumar Loharkar, Assistant Professor, Department of Mechanical Engineering.

A webinar was conducted by Mr. Swapnil Chaudhari, an experienced IT and Automation Professional working as Lead-Customer Success in Hyper-Automation, Pune. The webinar was titled, “Role of Mechanical and Automation Engineers in IT Industry. There were around 100 participants for the webinar out of which, 25 were external participants. The webinar was aimed at clarifying apprehensions of the current and prospective students of Mechanical and Automation engineering-related domains. The speaker discussed various opportunities and roles performed by mechanical and automation engineers in the field of Information technology. It was coordinated by Praveen Kumar Loharkar and Gajanan Jadhav, Assistant Professor(s), Department of Mechanical Engineering



## • AWARDS AND ACHIEVEMENTS



**Dr. Abhijeet Dawle**, Assistant Professor in the Department of Applied Sciences & Humanities has completed a Ph.D. in English from Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra on 26th October 2021. He has done research on Conflicts of Cultures in Chinua Achebe & Ayi Kwei Armah's Novels under the guidance of Dr. Karuna Deshmukh, Professor & Head Department of English, Bahirji College, Dist Hingoli, Maharashtra. He has published five research papers in reputed UGC-listed journals. His research observed that cultural conflict intensified internal conflicts- conflict between Christian and Non-Christian, Elite and Masses, Educated and Non-literate. His research also discovered that the cultural conflict intensified Gender-based violence. His research establishes the necessity of mutual trust and goodwill for a conflict-free society. His research also infers that worldwide issues such as conflict, corruption, discrimination, poverty lead to the evils that have trapped the entire humanity.

**Dr. Mayank Sohani**, Assistant Professor in the Department of Computer Science, MPSTME, Shirpur Campus, has completed his Ph.D. in Computer Science and Engineering from Rajasthan Technical University, Kota, and was awarded on November 23, 2021. He has done research on "Resource Provisioning in Cloud Computing Environment" under the guidance of Dr. S. C. Jain, Professor in the Department of Computer Science and Engineering, Rajasthan Technical University, Kota. He has proposed the Predictive Priority-Based Dynamic Resource Provisioning Scheme with Load Balancing in Heterogeneous Cloud Computing. He has published four research papers in reputed Scopus and SCI-E indexed journals. His research will suggest an effective way to implement the Self-Healing SLA and Load-balanced Dynamic Resource Provisioning in Cloud Computing for organizations.



**Dr. Shubham Joshi**, Assistant Professor in the Department of Computer Engineering has completed his Ph.D. in Computer Science and Engineering from Mewar University, Chittorgarh, Rajasthan on 3rd August 2021. He has done research on Trust Management protocols and its empanelment with Privacy Preservation in Mobile Ad Hoc Networks, under the guidance of Dr. Meghna Dubey, Professor, in the Department of Computer Science and Engineering, Faculty of Engineering & Technology at Mewar University, Chittorgarh, Rajasthan, and Dr. Durgesh Mishra, Director, Microsoft Innovation Centre. He has proposed the hybrid design of protocols for the establishment of Trust among participating nodes where preserving privacy and maintaining authorization among intermediate nodes in a collaborative manner. He has contributed significantly in the research work with credits of two Indian Patents and the publication of eight research papers in reputed Scopus indexed and peer-reviewed journals. His research will suggest an effective way for the deployment of Trust using Trust Management protocols with Privacy Preservation across the networks.

- **Prof. Praveen Kumar Loharkar**, Assistant Professor, Department of Mechanical Engineering secured joint "First position" on the leaderboard of participants at Global Business School Network-GBSN Beyond Virtual Conference held from 15th -17th November 2021 for active engagement and participation. The conference was held in a virtual mode. The virtual conference included participants from all parts of the world and had a "program of keynotes, panel discussions, lightning talks, networking activities, and more, that generally focused on four themes: humanitarian logistics, climate change, healthcare, and human rights".
- **Prof. Praveen Kumar Loharkar** also got certified by the Ministry of Education's innovation cell for exceptional contribution as Primary Evaluator in Toycathon, 2021. This event was a Unique opportunity for Students, Teachers, startups, and Toy experts/professionals in India to submit their innovative toys/games concepts. Toycathon 2021 was an inter-ministerial initiative organized by the Ministry of Education's Innovation Cell with support from the All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles, and Ministry of Information and Broadcasting.



CAMPUS ACTIVITIES

First Year Induction Program – 2021  
1 – 8 September 2021

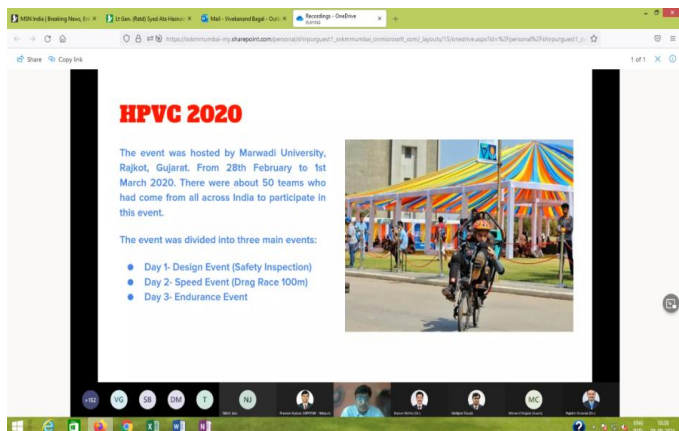
Day 1: 01.09.2021



The program was inaugurated using an online platform on MS Teams considering the limitation due to the COVID-19 pandemic. The First-Year induction program was initiated by the virtual presence of Dr. Akshay Malhotra, Director, MPTP, Shirpur Campus, Dr. Kamal Mehta, Associate Dean, MPSTME, Shirpur, Mr. Rahul Dande, Chief Accountant and Administrator, MPTP, Shirpur Campus, and Mr. Rajeev Dalal, Deputy Registrar, MPTP, Shirpur Campus.

Dr. Kamal Mehta addressed and welcomed the new batch of students. This was followed by a virtual tour presented by Prof. Praveen Kumar Loharkar, Assistant Professor, Department of Mechanical Engineering. He illuminated the students about the state-of-the-art infrastructure of the campus. After that, Dr. U Ragavendran, Associate Professor, Dept. of Electronics & Telecommunication Engineering, gave inputs on Coursera, and Prof Dhananjay Joshi, Assistant Professor, gave inputs on IBM. Dr. Govind Rajput, HOD, ASH Dept. addressed the students with an overview of the academic schedule and disciplines. Moving ahead, Dr. Rakesh Chaudhari, HOD, Department of Mechanical Engineering shared glimpses of the cultural event 'Protsahan'. Day one of the Induction Program was concluded with a vote of thanks delivered by Dr. U Ragavendran

Day 2: 02.09.2021



Day two commenced with a presentation by Dr. Ravindra Mendhe, Dy. Librarian, MPTP, NMIMS, Shirpur on library facilities. This was followed by the session on experiential learning through projects. This session was coordinated by Dr. Rajnish Katarne and Prof. Praveenkumar Loharkar. Further, Dr. Santosh Bothe, Professor, Department of Applied Sciences & Humanities conducted a session on entrepreneurship initiatives at the Shirpur campus under IEDC. This was followed by the presentation of Dr. Vivekanand S. Bagal, Assistant Professor in Physics, Department of Applied Sciences & Humanities on Bridge Course Session on Physics. At the end of the program, Dr. U Ragavendran shared glimpses of the technical event 'AMBIORA'.



CAMPUS ACTIVITIES

First Year Induction Program – 2021  
1 – 8 September 2021

Day 3: 03.09.2021



The opening of day three was started with a presentation by Ms. Shambhavi Gupta on Google Club. This was followed by the quiz on Engineering conducted by Dr. Suresh Kurumbanshi, Assistant Professor, Department of Electronics & Telecommunication Engineering. After that, Drone Club activities of the campus were presented by Prof. Sachin Chavan, Assistant Professor, Department of Computer Science. This was followed by glimpses of the sports event 'Flavium' presented by Dr. Sugam Shivhare, Assistant Professor, Department of Applied Sciences & Humanities. The denouement of day three Induction Program was with the introduction of Faculty Members of the Department of Applied Sciences & Humanities

Day 4: 04.09.2021

The opening of day four was instigated with the session on 'How to make the best use of College days for Placement' by Ms. Phalguni Jhambare, alumni of MPSTME. In the same session, Mr. Prasanna Ojha, Executive – Placement, MPSTME Shirpur also briefed students on the Placement scenario. This was followed by the faculty introduction of the Department of Computer Science. Cessation of the day four Induction Program was with a workshop on 'Machine Learning' conducted by Prof. Dhananjay Joshi and Dr. Milan Joshi,

Assistant Professor, Department of ASH.



Day 5: 06.09.2021

The day five program was inaugurated with the guest talk titled 'Flying Angle' by Ms. Nimrat Gill, Alumni, MPSTME. She shared with the audience a brief about her journey from MPSTME Shirpur campus to Aviation. This program is followed by details about CSI activities at MPSTME School, by Mr. Shashank Yeri and the event was coordinated by Prof Mayank Sohani, Faculty In-charge, CSI Student Chapter, MPSTME, Shirpur. This was followed by the introduction of faculty members of the Department of Information Technology. Moving ahead, Prof. Atul Patil, HOD, Dept. of EXTC made students familiarized with the course objectives and Course outcomes of BEE in the Bridge Course Session. Day 5 ended with Ice-Breaking Session. All the batch in-charges made this ice-breaking session interactive and interesting

for the first-year students.

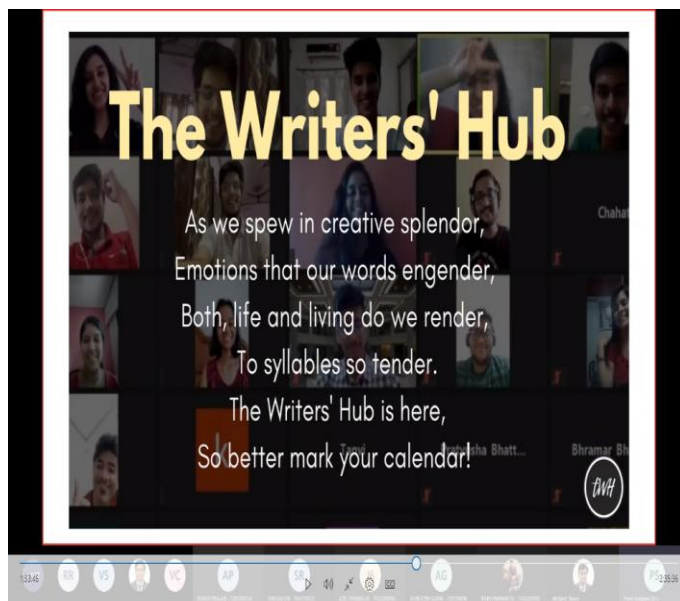
CAMPUS ACTIVITIES

First Year Induction Program – 2021  
1 – 8 September 2021



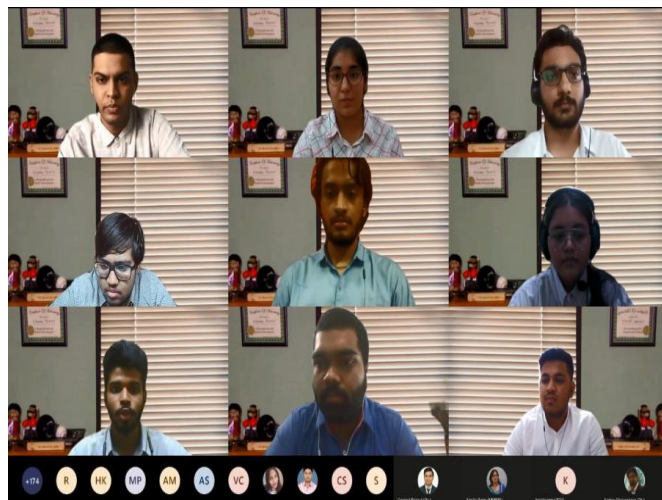
Day 6: 07.09.2021

The day six Induction program began with the session on ‘Guidance on Higher Studies at Abroad’. The first-year students were addressed by alumni-group. It was coordinated by Dr. Nitin Choubey, HOD, Department of In Computer Science. This was followed by an activity on ‘Bridging The Gap- The First Block’ and the coordinator for this activity was Mrs. Kiran Akapasu, Counselor (Psychologist), NMIMS, Shirpur. The students were familiarized with the campus environment. After that, Dr. Preeti Sangave and Dr. Sanjay Shrivastava, Faculty Incharges of Writers’ Club briefed students about Writers Club. This was followed by a Bridge Course Session on Mathematics. Students were familiarized with the course objectives and Course outcomes of Mathematics by Dr. Milan Joshi. The induction program Day six concluded with the introduction of Faculty Members of the Department of Mechanical Engineering.



Day 7: 08.09.2021

The last day of the Induction Program commenced with highlights of the ‘Saturday 10 AM Lecture Series’ at NMIMS Shirpur. It was coordinated by Dr. Smita Bonde. This was followed by the presentation of Dr. Payal Dande on the Social forum ‘Each One Save One’. After that, Mrs. Kiran Kalyani Akasapu conducted a quiz on Induction Program. This was followed by the introduction of Faculty Members of the Dept. of Electronics & Telecommunication Engineering. The program ended with a valedictory speech delivered by Dr. U. Ragvendran.





CAMPUS ACTIVITIES

CSI STUDENT CHAPTER EVENT “ZIG-ZAG”

The first event of CSI-2021, with the name of ZIG-ZAG, was organized on August 7th, 2021, for the 2nd and 3rd-year students of Computer Science and Information Technology.

The event was conducted on the MS Teams platform, and the questionnaire for this was conducted via Google Forms. Timings were from 11:00 am to 12:15 pm. The main agenda of this event was to organize a quiz based on the basics of C-programming and let the participants show their coding skills.

The event was organized by the following members: -

1. Rishul Ghosh
2. Atharva Kulkarni
3. Naman Jain
4. Isha Keshariya
5. Vaibhav Gandhi

Under the guidance of the event in charge: Prof. Mayank Sohani.



A total of 60 participants enrolled for this event, out of which 30 participants joined us and participated in the event. A total of 12 questions were given to the participants into a google form, which was based on various C-programming methods. They included Looping constraints, Data Structures, and Pattern printing. All questions were not compulsory, however, the participants will be judged based on their attempt to solve the question. Participants will also be provided with the answer key and feedback form regarding the event.

The result of this event was declared on August 10th, 2021. Following participants were declared winners based on their scores obtained:

NAME	PROGRAM	BRANCH	YEAR	SAP ID
Aman Singh Bhogal	B.Tech	Information Technology	2 <sup>nd</sup>	70012000320
Atharva Joshi	B.Tech	Computer Science	2 <sup>nd</sup>	70022000274

CSI STUDENT CHAPTER EVENT “PC RIDDLES”



The second event of CSI-2021, with the name of PC Riddles, was organized on September 4th, 2021, for the 2nd and 3rd-year students of Computer Science and Information Technology. The event was conducted on the MS Teams platform, and the questionnaire for this was conducted via Google Forms and the quiz was hosted on the Kahoot app. Timings were from 11:30 am to 12:55 pm. The main agenda of this event was to organize a quiz based on the PC components and test their knowledge about modern technologies.

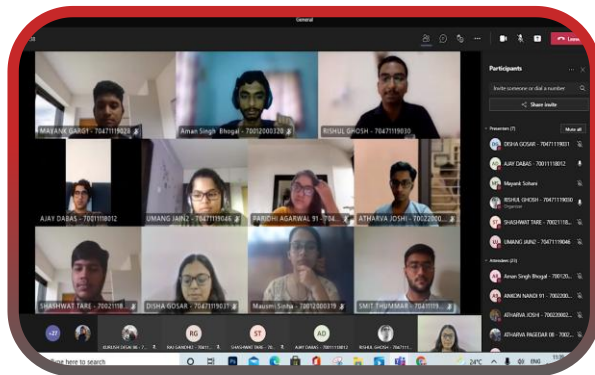
The event was organized by the following members: -

1. Shashank Yeri
2. Shashwat Tare
3. Yash Agarwal
4. Ajay Dabas
5. Rishul Ghosh
6. Umang Jain
7. Isha Keshariy
8. Disha Gosar
9. Mahak Porwal
10. Kunal Booch

Under the guidance of the event in charge: Prof. Mayank Sohani and Prof. Piyush Kumar Soni.

A total of 39 participants enrolled for this event, out of which 22 participants joined us and participated in the event and 18 were there till the conclusion of the event. The event was conducted on the Kahoot app and Google Forms. The first two levels of the event were on the Kahoot app and the third on Google Forms. In the first level where the participants had to guess the correct technology name that was shared on the screen. In the second, participants were told to solve simple pc riddles. It had a total of 10 questions. The third level was slightly a difficult one since there were no options given. All the levels were approximately 15 mins.

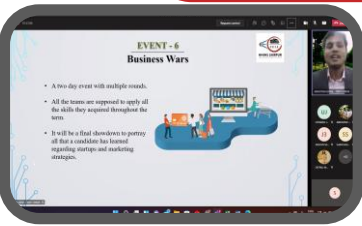
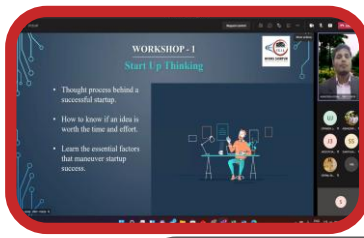
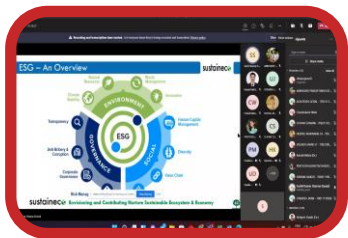
The result of this event was declared on September 4th, 2021. Following participants were declared winners based on their scores obtained:



NAME	PROGRAM	BRANCH	YEAR	SAP ID
Sahil Dhumale	B.Tech	Computer Science	2 <sup>nd</sup>	70022000202
Mausami Sinha	B.Tech	Information Technology	2 <sup>nd</sup>	70012000319

CAMPUS ACTIVITIES

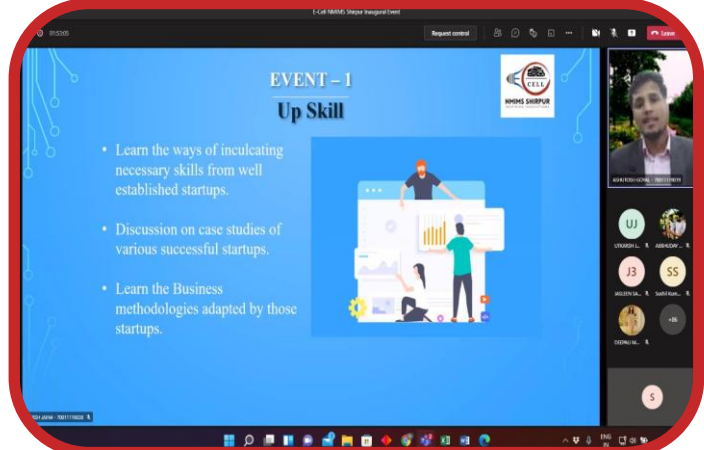
E-CELL NMIMS SHIRPUR LAUNCH EVENT



E-Cell is a student-driven organization dedicated towards promoting the entrepreneurial mindset among the students of NMIMS in the Shirpur campus. NMIMS Shirpur provides a platform to the students who want to develop their start-ups or get nurtured, and to forward this aim NMIMS Shirpur officially launched the Entrepreneurship-Cell on 18th December, via the online MS Teams platform. The event was listed on the United Nations website, under the event category of united nations decade on Ecosystem Restoration. The event started at 3:00 PM IST, with around 300 people attending it as participants from India and other countries. Director, Dr. Akshay Malhotra graced the launch event with his inspiring words. In addition to this, the Secretary-General of E-CELL Chhavi Somani and Joint Secretary General Pratyusha Bhattacharjee have discussed the vision & mission of E-CELL. Following this, the winner of the logo competition was announced by the Associate Dean, Dr. Kamal Mehta. The winner of the logo competition was Tanishq Sakhujia from IT 3rd year, and the logo designed by him has been awarded as the official logo of E-Cell NMIMS Shirpur.

Moving ahead, the session started with the introduction of Mr. Sushil Kumar Sharma. The speaker gives an exclusive talk on ESG start-ups for Restoring Ecosystem. This talk aware us about Environment Social Governance(ESG), In terms of ESG start-ups, the speaker said, "Going Green" is not new, but there is renewed demand driving how ESG scales, we saw more in this talk about sustainability is a global priority, Markets, and Economy, Demographic shifts detail analytics for envisioning and contributing nurture sustainable Ecosystem & Economy. The speaker explained all the concepts and terms by using real-life examples and experiences that he had, on top of that, even after having such a complex topic for the speaker session, everyone in the audience was very interactive. Mr. Sushil Kumar Sharma, an industry expert with experience of more than 38 years at NTPC limited was invited to enlighten the audience with his knowledge on Environmental, Social, and Governance(ESG). Following this, a short video clip interviewing an alumnus was played. The alumni, Mr. Yash Randive is running well-established start-ups and was a true inspiration for the students present.

Moving ahead, Team E-Cell presents the proposed event calendar for the academic semester describing all the activities which are going to be conducted in the near future. It was the first event conducted by Team E-CELL MPSTME Shirpur under the guidance of Prof. Sachin Bhandari and Prof. Chandrakant Wani.





• FACULTY DEVELOPMENT

AICTE Training and Learning (ATAL) Academy Online FDP

S.N.	Faculty	Dept.	FDP	Date	Organising Body
1	Prof. Bipin P Jadhav	ASH	Data Science	22-26 Nov 2021	Maulana Azad National Urdu University Hyderabad, Telangana
2	Prof. Sugam J Shivhare		Artificial Intelligence In The Energy Sector: Opportunities And Challenges	9-13 Aug 2021	GYAN GANGA INSTITUTE OF TECHNOLOGY AND SCIENCES JABALPUR MP
3			Data Science and Artificial Intelligence in Chemical Engineering: Recent trends and Future Outlook	31 Aug-4 Nov 2021	MVJ College of Engineering, Bangalore
4			Nanotechnology	24-28 Aug 2021	VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR
5			Novel Materials	4-8 Jan 2021	MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
6	Dr. Mayank Sohani	CE	Device Security in Internet of Things	7-11 July 2021	Indian Institute of Information Technology Guwahati, ATAL,FDP, AICTE
7	Dr. Shubham Joshi		Advanced Cloud Computing Technologies and Its Benefits for Engineering College Faculties	5-9 July 2021	PSNA College of Engineering & Technology, ATAL FDP, AICTE
8			Perspective of Block chain Integrated with IoT: Challenges and Opportunities	24-27 Nov 2020	Central Institute of Technology
9	Block Chain Technologies : Current Trends and future aspects in Smart Grid		12-16 July 2021	Gyan Ganga Institute of Technology & Science, ATAL FDP & AICTE	
10	Internet of Things (IOT)		13-17 Oct 2020	Institute of Engineering & Technology DAVV Indore, ATAL FDP , AICTE	
11	Prof. Sachin Bhandari		Biowaste to Bioenergy: A future sustainable energy source	14-18 Dec 2021	Motilal Nehru National institute of Technology Allahabad, Prayagraj
12			Overview of Speech Processing	20-24 Dec 2021	Indian Institute of Technology Dharwad
13	Prof. Varsha Nemade		Insights of Research in Image and Video Processing	20-24 July 2021	Pimpri Chinchwad College of Engineering, Pune
14	Prof. Deepti Barhate		Data Sciences	2-6 Nov 2021	Hindusthan College of Engineering and Technology
15	Ms. Pratiksha Meshram		IT	AI & Machine Learning	22-26 Nov 2021
16	Mr. Pravinkumar Landge	Machine Learning and Optimization Techniques: Applications to Financial Markets		12-16 July 2021	IIT Mandi
17	Mr. Ritesh Dhanare	Digital Forensics in Cyber Security		2-6 Aug 2021	C-DAC
18		Digital Forensics in Cyber Security		2-6 Aug 2021	Centre for Development of Advanced Computing (C-DAC)
19	Mr. Piyush Kumar Soni	Predictive Modelling Using Data-Science Techniques		6-10 Sept 2021	Indian Institute of Technology Guwahati
20		Natural Language Processing		8-12 Nov 2021	GPREC, Kurnool (ATAL Academy)
21		Deep Learning for Natural Language Processing		15-19 Nov 2021	BIT, Durg (ATAL Academy)
22	Ms. Sonia Relan	Natural Language Processing		8-12 Nov 2021	GPREC, Kurnool (ATAL Academy)
23		Deep Learning for Natural Language Processing		15-19 Nov 2021	BIT, Durg (ATAL Academy)
24	Mr. Piyush Kumar Soni	Machine Learning and Optimization Techniques: Applications to Financial Markets		12-16 July 2021	IIT Mandi
25	Praveen Kumar Loharkar	ME	Processing of Novel Materials	22-26 Nov 2021	AICTE-IIT BHU, Varanasi
26	Ashish Mogra		Design of Experiments and Artificial Neural Network	16-20 Aug 2021	M.J.P. Rohilkhand University

**FACULTY DEVELOPMENT**

**MOOC Courses/ NPTEL/ Swayam**

S.N.	Faculty	Dept.	FDP	Date	Organising Body
1	Dr. Shubham Joshi	CE	NITTT Module 1: Orientation Towards Technical Education and Curriculum Training	01 July – 18 Sept 2021	NITTT Chennai
2			NITTT Module 2: Professional Ethics and Sustainability		
3			NITTT Module 3: Communication Skills Modes and Knowledge Dissemination		
4			NITTT Module 4: Instructional Planning and Delivery		
5	Mayank Kothari	EXTC	Introduction to Machine Learning-IITM	July-Oct 2021	NPTEL-AICTE
6			Introduction to Machine Learning-IITKGP	July-Sept 2021	NPTEL-AICTE
7	Atul Patil	EXTC	Introduction to Machine Learning-IITKGP	July-Sept 2021	NPTEL-AICTE
8	Suyog Pande	EXTC	Introduction to Machine Learning-IITKGP	July-Sept 2021	NPTEL-AICTE
9	Pankaj Gulhane	EXTC	Introduction to Machine Learning-IITKGP	July-Sept 2021	NPTEL-AICTE

**Coursera Certificates Count**

S.N.	Faculty	Dept.	Course Count
1	Prof. Deepti Barhate	CE	12
2	Prof. Varsha Nemade		02
3	Dr. Shubham Joshi		08
4	Mr. Pravinkumar Landge	IT	02
5	Ms. Sonia Relan		01
6	Praveen Kumar Loharkar	ME	02
7	Mayank Kothari	EXTC	02

**Patent Information**

S.N.	Faculty	Patent Name	Date	Patent Application Number
1	Dr Shubham Joshi	Virtual reality enabled jewellery shopping and related user interfaces	22/07/2021	202121029276 (Indian Patent Published)
2		Intelligent system for early detection and warning to prevent trucks from toppling using internet of things and artificial intelligence	28/07/2021	2021102953/ SPBI-0002567012 (Australian Patent Granted)
3		An IoT enabled geospatial informatics platform for financial surveillance with trust management	13/08/2021	202121032000 (Indian Patent Published)
4		A cheminformatics tools and techniques for drug discovery based on artificial intelligence and machine learning	27/08/2021	202121036620 (Indian Patent Published)
5		Input Device for Digital Input Devices	19/09/2021	349739-001 (Indian Design Patent Published)
6		System for controlling various crop harvest activities using big data analytics based machine learning and IoT.	07-11-2021	202141025104 (Indian Patent Published)
7		An IOT and Sensor based Child Fencing System	22/12/2021	2021/07869 (South African Patent Granted)
8	Ms. Pratiksha Meshram	Design & development of Bullock operated insecticide spraying machine. (Status: Granted)	17/09/2021	377019
9		Dragon fly brain inspired intelligent robotic drone to remove weeds in agricultural farm plants (Status: Published)	17/09/2021	202141040214

**Copyright Information**

S.N.	Faculty	Course Count	Date	Copyright ID
1	Dr. Shubham Joshi	A Machine Learning Algorithm and tools in Healthcare Decision Making	30/08/2021	2806210011098 /23190
2		IoT enabled Geospatial Informatics Platform for Financial Surveillance	09/04/2021	0207210003736/23508
3		A Cheminformatics Tools and Techniques for Drug Discovery based on Artificial Intelligence and Machine Learning	13/08/2021	19354/2021-CO/L

RESEARCH PUBLICATION

Research Publication in SCOPUS INDEXED JOURNALS

S. N.	Name of the author/s	Title of the article / research paper	Name of the Journal	ISSN No.	Volume / Page No.	Date / Year	Publishing authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
1	Mayank Sohani, Dr. S. C. Jain	Threshold Based VM Placement Technique for Load Balanced Resource Provisioning using Priority Scheme in Cloud Computing	International Journal of Computer Networks & Communications (IJCNC)	0974-9322 (Online) 0975-2293 (Print)	Vol.13, No.5	Sept. 2021	AIRCC Publishing Corporation	1.3	0.50	Yes	
2	Mayank Sohani, Dr. S. C. Jain	A Predictive Priority-Based Dynamic Resource Provisioning Scheme with Load Balancing in Heterogeneous Cloud Computing	IEEE Access	2169-3536	Vol. 9, pp. 62653-62664	April 2021	IEEE	3.36	4.8	SCI	
3	Mayank Sohani, Dr. S. C. Jain	Fault-Tolerance using Self-Healing SLA and Load Balanced Dynamic Resource Provisioning in Cloud Computing	Jordanian Journal of Computers and Information Technology (JJCIT)	2415-1076 (Online) and 2413-9351 (Print)	Vol. 07, No.02	June 2021	Scientific Research Support Fund of Jordan	1.5	0.8	Yes	
4	Shubham Joshi, J. Ramadoss, J. Venkatesh, PK Shukla, SS. Jamal, M. Altuwairiqi, B Tiwari	Computer Vision for Human-Computer Interaction Using Non-Invasive Technology	Scientific Programming	1058-9244 (Print) 1875-919X (Online)	2021 / 1 to 15	03-Nov-21	Hindawi Publications, USA	1.025	2	Yes	
5	Shubham Joshi, S. Stalin, PK Shukla, R Bhatt, RS Bhadoria, B. Tiwari	Unified Authentication and Access Control for Future Mobile Communication-Based Lightweight IoT Systems Using Blockchain	Wireless Communications and Mobile Computing	1530-8669 (Print) 1530-8677 (Online)	2021 / 1 to 12	17-Dec-21	Hindawi Publications, USA	2.33	4.3	Yes	
6	Shubham Joshi, D Singh, J Bhanipati, AK Biswal, D Samanta, PK Shukla, SJ Nuagah	Approach for Collision Minimization and Enhancement of Power Allocation in WSNs	Journal of Sensors	ISSN: 1687-725X (Print) ISSN: 1687-7268 (Online)	2021 / 1 to 11	23-Dec-21	Hindawi Publications, USA	2.13	4.1	Yes	
7	Shubham Joshi, Radha Krishna Rambola	IoT-Enabled Vehicle Assistance System of Highway Resourcing for Smart Healthcare and Sustainability	Emerging Technologies for Healthcare: Internet of Things and Deep Learning Models			30-Jul-21	Wiley Online Library			Yes	

• RESEARCH PUBLICATION

Research Publication in SCOPUS INDEXED JOURNALS

S. N.	Name of the author/s	Title of the article / research paper	Name of the Journal	ISSN No.	Volume / Page No.	Date / Year	Publishing authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
8	S. Shitharth,1 Pratiksha Meshram,2 Pravin R. Kshirsagar,3 Hariprasath Manoharan,4 Vineet Tirth,5,6 Venkatesa Prabhu Sundramurthy	Impact of Big Data Analysis on Nanosensors for Applied Sciences Using Neural Network	Hindawi	4927607	Volume 2021, Article ID 4927607, 9	Sept 2021	Hindawi	2.9	3.8(cite score)	Yes	
9	Nishant Dhengre	Prevalence of Musculoskeletal Disorders Among Bank Employees of Maharashtra: A Case Study	Advances in Mechanical Engineering . Lecture Notes in Mechanical Engineering		579-585	Julyn 2021	Springer	-	-	-	-
10	Praveen Kumar Loharkar, Asha Ingle, Himanshu Singh	Prediction of Temperature During Susceptor-Assisted Microwave Heating of Aluminum Using Parametric Simulation	Recent Advances in Industrial Production, Lecture Notes in Mechanical Engineering	2195-4364	251-259	02-Nov-21	Springer	-	-	-	-
11	Rakesh Chaudhari, Praveen Kumar Loharkar, Asha Ingle	Medical Applications of Rapid Prototyping Technology	Recent Advances in Industrial Production , Lecture Notes in Mechanical Engineering	2195-4364	251-259	02-Nov-21	Springer	-	-	-	-
12	Niteen Patil, M. R. Patil, Rakesh Chaudhari, Praveen Kumar Loharkar	Investigation on the Machining of Inconel-718 Using EDM	Recent Advances in Smart Manufacturing and Materials, Lecture Notes in Mechanical Engineering	2195-4364	129-136	23-Jul-21	Springer	-	-	-	-
13	Praveen Kumar Loharkar, Asha Ingle, and Sugam Shivhare	PAni/Fe3O4 nanocomposite coating over cadmium using microwave energy	AIP Conference Proceedings	1551-7616	2369/1/020173	13-Sep-21	AIP	-	-	-	-



## • RESEARCH PUBLICATION

## Research Publication in SCOPUS INDEXED JOURNALS

S. N.	Name of the author/s	Title of the article / research paper	Name of the Journal	ISSN No.	Volume / Page No.	Date / Year	Publishing authority	Impact Factor	Citation Index	Scopus Indexed Yes	Any other
14	Vijay Shivankar, Sujit Gulhane Prafull Kolte, Lalit Shirsath	Oil spill recovery using nonwoven absorbent assemblies	Man-Made Textiles in India	3777537	Volume -49, Issue-9, Page 295-298	Sept 21	SASMIRA	0.15		Yes	
15	Anup Karande, Vijay Shivankar, Shoib Khatik, Gaurav Thakre	Disposable cost effective and productive agro textiles	Technical Textile		Issue 3/2021 Page E 160-161	Sept 21	Texination			Yes	-
16	Anup Karande, Vijay Shivankar, Shoib Khatik, Gaurav Thakre	Agro textiles: Bridge between textiles and agriculture; A Review	Man-Made Textiles in India	3777537	Volume 49, Issue No. 12, Page 403-406	Dec 21	SASMIRA	0.15		Yes	-
17	Rehan Ahmad, Dr. B. K. Mohanty	Chronic kidney disease stage identification using texture analysis of ultrasound images	Biomedical Signal Processing and Control	1746-8094	Volume 69, August 2021, 102695	Aug 2021	Elsevier.	3.88	SCI, Web of Science, Embase.	Yes	<a href="https://doi.org/10.1016/j.bspc.2021.102695">https://doi.org/10.1016/j.bspc.2021.102695</a>
18	Sachin Sonawane, Dr. B. K. Mohanty	An improved image processing scheme for automatic detection of harvested soybean seeds	Journal of Food Measurement and Characterization	2193-4126	Volume 15, issue 6, Pg. no. 5607 - 5621	Dec 2021	Springer	2.431	SCI, Web of Science	Yes	
19	Zerksis Mistry, Alok Kumar Yadav, and Mayank Kothari	A Review on 6th Generation Wireless Communication Networks Based on Artificial Intelligence	Lecture Notes in Electrical Engineering	1876-1100	Vol. 788	10 Sept 2021	Springer, Singapore	0.5 (cite score)		Yes	
20	Mayank Kothari, Zerksis Mistry, Aniket Kamat, U. Ragavendran	Multi-antenna-Enabled Technologies for IoT-Driven Smart Cities	EAI/Springer Innovations in Communication and Computing.	2522-8595		16 Dec 2021	Springer, Cham	0.9 (cite score)		Yes	

• PLACEMENT FRONT

Training & Placement Activities at MPSTME

Placements are the easiest and most used parameter to assess good education/knowledge imparted by any Institution. It is indeed a vital sign of the quality of education and knowledge being delivered by the Institution and absorbed by its students. The placement season for 2021-22 has so far been one of the best with exceedingly good numbers and more so of good job roles and compensations. The current season has seen the EXTC branch becoming the first branch to achieve 100% placement and soon to be followed by other branches. The highest package so far archived by our students is 14.5 LPA and the average package moving up to 6.96 LPA. With continued demand from Digitization space and shortage of quality resources, it is expected that students will continue to achieve higher caliber job profiles and associated Compensations. Placement season has also seen the achievement of our team of students from the Shirpur campus to win the coveted Nomura Kakush in the coding competition. Noteworthy to mention that in the first phase of placement season, the EXTC department archived 100% Placements soon to be followed by other departments. Overall, so far, we have 69% placements, which is encouraging and we expect to Batter all earlier placement records.

Student engagement:

A. Apart from the 2022 passing batch placement, the department has successfully conducted aptitude & technical training for the 2023 passing batch for their placement preparations.

B. Department also conducted a special session on Job search by HR – Tata Power Mr. Sudhir Verma.

**CONGRATULATIONS**  
for getting **PLACEMENT**  
at **Quantiphi** in various profiles  
Package Offered **Rs. 8,50,000/- per annum**

<b>Deepa Pokhramani</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Shubodh Bhandari</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Shikha Kumbhakar</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Saket Singh</b> B. Tech. IT (Batch 2022) Business Analyst
<b>Arjun Jain</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Harsh Patel Chaudhari</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Prashant Singhania</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Rishabh Gupta</b> B. Tech. IT (Batch 2022) Business Analyst

**CONGRATULATIONS**  
for Getting Placement  
at **ORACLE**  
Financial Services Software Ltd. (OFSS)  
Package Offered **Rs. 8,23,000/- Per Annum**

<b>Arjun Jain</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Harsh Patel Chaudhari</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Prashant Singhania</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Rishabh Gupta</b> B. Tech. IT (Batch 2022) Business Analyst
<b>Deepa Pokhramani</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Shubodh Bhandari</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Shikha Kumbhakar</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Saket Singh</b> B. Tech. IT (Batch 2022) Business Analyst

**CONGRATULATIONS**  
for Getting Placement  
at **KPMG**  
Package Offered **Rs. 6,30,000/- Per Annum**

<b>Ashika Kumbhakar</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Deepa Pokhramani</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Shikha Kumbhakar</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Shubodh Bhandari</b> B. Tech. IT (Batch 2022) Business Analyst
<b>Arjun Jain</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Harsh Patel Chaudhari</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Prashant Singhania</b> B. Tech. IT (Batch 2022) Business Analyst	<b>Rishabh Gupta</b> B. Tech. IT (Batch 2022) Business Analyst

**CONGRATULATIONS**  
for getting **PLACEMENT**  
at **ZS Associates** as Business Technology Analyst (BTA)  
Package Offered **Rs. 12,84,600/- per annum**

<b>Ashika Kumbhakar</b> B. Tech. IT (Batch 2022)	<b>Harsh Patel Chaudhari</b> B. Tech. IT (Batch 2022)	<b>Prashant Singhania</b> B. Tech. IT (Batch 2022)	<b>Rishabh Gupta</b> B. Tech. IT (Batch 2022)
<b>Deepa Pokhramani</b> B. Tech. IT (Batch 2022)	<b>Shubodh Bhandari</b> B. Tech. IT (Batch 2022)	<b>Shikha Kumbhakar</b> B. Tech. IT (Batch 2022)	<b>Saket Singh</b> B. Tech. IT (Batch 2022)

**CONGRATULATIONS**  
for Getting Placement  
at **vmware**  
Package Offered **Rs. 11,57,000/- Per Annum**

<b>VEDIKA DALEY</b> B. Tech (EXTC), 2022 Associate Consultant
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**CONGRATULATIONS**  
for getting **PLACEMENT** at  
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<b>NANCY GUPTA</b> B. Tech. IT (Batch 2022) Analyst Package Offered <b>Rs. 2,00,000/- per annum</b>	<b>ARSHAD GUPTA</b> B. Tech. IT (Batch 2022) Software Engineer Package Offered <b>Rs. 6,00,000/- per annum</b>
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**CONGRATULATIONS**  
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Package Offered **Rs. 7,00,000/- per annum**

<b>Suresh Gupta</b> B. Tech. IT (Batch 2022)	<b>Pooja Agrawal</b> B. Tech. IT (Batch 2022)	<b>Ashika Kumbhakar</b> B. Tech. IT (Batch 2022)
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**Mr. Prasanna Ojha, Placement Executive*****Do you want to look like a dinosaur in your industry?***

Staying relevant in current hyperactive dynamic times, though, is not easy. The number of mid-career professionals rely on their laurels and do not bother for further professional development, while many are always scouting for more career progression opportunities. It is very much needed that you stay invested in your professional development, no matter what Stage you are at in your career. This shows initiative and curiosity, as well as the understanding that you are trainable. In order to stay competitive, companies /organizations need to be at the forefront of their industry and adopt innovations, setting the standard for others to follow. By aligning with this work ethic, you will be a strong candidate for such forward-looking employers.

It is easier said than done to do the above task, but for sure it is possible. There are some points to watch out for on your continued learning journey:

- ***Skills development***

Keeping your skill level always current is crucial and non-negotiable, take ownership of your professional development. Be proactive, and do not rely on your company/organization always to show you the way forward. Go take lead for yourself.

To determine what skills are in demand, do reverse engineering by regularly reading the upcoming Jobs and their KRA and competencies required.

Once you have identified the skills to be gained, take a targeted approach by seeking out both internal and external training opportunities. First, try the organic learning approach and in case of disruption-oriented skill requirements, do not hesitate to start learning something entirely new.

- ***Network...***

Building relationships with industry leaders from your domain will help you to gain a broader perspective of what's going on in the industry and also you would learn new-age skills which are there in the Industry which either you cater to or aspire to be in. Networking with cross-generation people will give you an entirely new perspective on the same issue and new learnings.

- ***Have a responsible presence in digital media***

In today's workplace, being on social media is not enough. To leverage these platforms, you must have active usage of these sites also. Take the time to read views, share them you feel appropriate with giving proper acknowledgment for their work. Build your follower base; share your own view as original posts also. This would attract like-minded people to network. Bottom line is, Consistency is key, whether virtual or in-person social activities.

- ***Improve your visibility in the industry/segment***

You do not necessarily need an invitation to take an active role in a professional network. Try being engaged in, either way, moderating a panel discussion, hosting an event, anchoring your Industry conference, anything that helps you gain exposure and be noticed in your field.

- ***Expand your professional horizon, stay in doorways***

It is not enough to win one game and declare yourself a winner. You need to consistently improve your game to be visible to opportunities. The one thing which the mid-career generation can learn from the millennial generation, it is staying in doorways, keeping options open. With this approach, you can increase opportunities of trying new career avenues by many folds.



## • ALUMNI SPEAKS

*Having the reputation of a "notorious" kid since my first year in college, assumptions were naturally drawn for a bleak career. However, the Institution was only shaping me in ways that I cannot ascribe in words today. I take my experience as Ambiora (College Technical Fest) Tech Head in the corporate till date. The campus kept me engaged on the Basketball court invariably helped me declutter and channelize my energy into something positive. Moreover, most importantly the memories and experiences I collected in the Hostel are priceless and hold a special place in my heart. Altogether, I am only grateful to the college, faculty, and every single person I met and Placecom for being a huge part of my life. I feel elated and proud to have made such leaps in my career, and NMIMS gave this "notorious" kid the perfect start.*



**Shivam Sehgal**  
Btech 2015-2019  
Stream - Computer Science  
Data Engineer - AB inbev



**Aashi Jain**  
Btech 2015-2019  
Stream -Computer Science  
Associate Consultant - ZS Associates

*I have completed my Computer Science engineering from NMIMS, Shirpur. In these 4 years, I had a chance to communicate with great professors regarding real-time software applications and their internal functioning. It was a great pleasure to be studying under the hood of experienced professors and a healthy environment. The process of placement which happens in the 4th year has certainly been a turning point in my career, where the placement department has been supportive enough to help us grow as a person as well as groom us for the future. This helped me in landing an Associate position at ZS Associates, which has been the best place to polish my career for a better future, and I feel I owe it to my 4 years of grooming and learnings from NMIMS, Shirpur.*

*NMIMS Shirpur is a place that has given me a plethora of good memories that I will cherish forever. The institute has helped me develop my academic profile and my overall personality. Along with an excellent academic curriculum, the college provides the students a campus experience to remember for life. The experience enabled me to meet people from different walks of life and helped me develop strong social skills. The last and most important thing that everyone expects from their college is placements, and trust me; NMIMS Shirpur has never disappointed anyone in this case. The institute provides full-time placement support and training with the help of an experienced and dedicated placement department. A wide variety of niche companies are attracted to the college, enabling the students to get placed quickly and easily. NMIMS Shirpur will always have a significant place in my heart.*



**Kashyap Joshi**  
Btech 2016-2020  
Stream -Information Technology  
Instructional Design Analyst – ZEUS Learning



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- University of Canberra
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**B. Tech. awarded by NMIMS and MS/MBA Awarded by**

- Stevens Institute of Technology

**Summer School:**

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- Illinois Institute of Technology, Chicago, USA
- University of British Columbia, Vancouver, Canada
- Institute De Mines, Telecom Business School, Paris
- ESSCA - Paris, Angers, Budapest, Shanghai

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**Global Alliances and Networks:**

- College Board, Graduate Management Admission Council, Shastri Indo - Canadian Institute.

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