

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



From the Desk of Director (MPTP), Shirpur
Dr. Akshay Malhotra

As SVKM's NMIMS, Mukesh Patel School of Technology Management & Engineering (MPSTME) Shirpur Campus works diligently to realize its mission of providing the best learning, teaching and research opportunities to students and academicians alike, it continues to supply students with the basics of modern knowledge and high values. The research activities of our faculty lead to an extraordinary enrichment of the experience of our students that is realized at both the graduate and undergraduate levels. The research training provided to our graduate students creates the next generation of scholars well-prepared to advance knowledge and transfer technology. The extension of research opportunities to an ever-increasing group of undergraduate students adds a dimension of experience to education that simply cannot be duplicated in the classroom. Our students learn the joy as well as the rigours of discovery, and acquire skills of inquiry, evaluation, and communication that provide a foundation for the next phases of their careers and lives. I am proud of all these achievers and confident that everyone will take an inspiration from them to achieve success in all endeavors. I also take this opportunity to extend my congratulations to the editorial team for bringing out the 10th issue of the newsletter in its present form exhibiting different colours of campus on the educational canvas. Wish you all the best with Very Prospering Year 2021.

From the Desk of Associate Dean, MPSTME, Shirpur Campus

Dr. Kamal Mehta



In the age of globalization, to build a truly different institution of engineering and technology in India, an institution with a marked difference in quality to serve the local people in the global arena. Our aim is to build an effervescent community of engineers and managers, where faculty and students are cronies in a mutually inspirational education process, engrossed in learning. This Newsletter will definitely help to showcase the activities happening in the campus. It helps to build up teamwork which is needed today in the world of competition. It provides a platform for exposing the merits and academic achievements of the faculty. This enhances the documentation culture of the institute. This would definitely create an impact in the minds of readers, by way of providing larger visibility and dimension to the campus. I hope that this culture of releasing Newsletter continue forever and become a quoted example for all other institutions to follow. It gives me immense pleasure and pride to share the latest edition of this newsletter with you all. The Newsletter has presented a record of various co-curricular and extra-curricular activities conducted at NMIMS Shirpur campus. Special mention of achievements of faculty members and students has also been made. I hope that the Newsletter acts as a catalyst for all others and inspires them for personal and institutional glory. I would like to congratulate the editorial team for putting in untiring efforts to bring out this edition.

From the Desk of Editors – MPSTME Shirpur Live

Dr. Sanjay Shrivastava & Prof. Abhijeet Dawle

This newsletter is intended to be published twice a year. This issue is a brief account of the important events held up to December 2020. It is expected that wide support for this mission will be provided through the reader's valuable suggestions and comments. We would like to thank all the editorial team members and coordinators for helping us pull this through. We express considerable appreciation to all the authors in this newsletter. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this newsletter possible. This newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. The progress of the society mainly depends on many people who are working behind the scenes, overtime round the clock planning things to the smallest. This newsletter will be a medium to provide proper acknowledgement and respect for all of these efforts and their results. This newsletter is intended to be published twice a year. We hope that the present issue will be informative and entertaining.

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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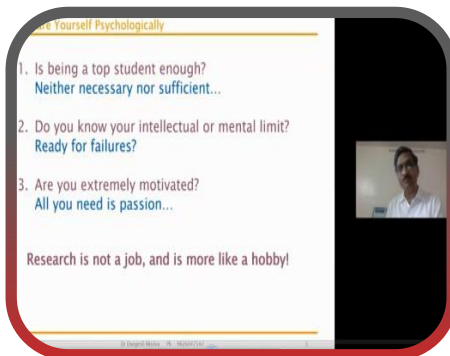
• CONFERENCE/FDP/WORKSHOPS/TRAINING PROGRAMS ORGANIZED

One Week Webinar Series 20th – 26th July 2020

Six days Webinar series was organized by the Department of Computer Science, SVKM’s NMIMS MPSTME Shirpur campus on the theme of "Emerging Trends in Computer Science, In view of Pre & Post Impacts of Covid’19" from 20th July 2020 to 26th July 2020 in online mode via Microsoft Teams platform. The six days webinar series covered utmost significant contexts of technological concepts along with tremendous knowledge sharing capabilities. There were seven experts who delivered their sessions on various aspects of technology, management, personality development, research and industrial applications of the current edge. There were 1200+ participants were registered for this webinar series from around the globe. The sessions were appreciated by the participants and students of various colleges.

Following experts were invited for expert talk:

S. No.	Date	Expert Details	Topic
1	20 th July 2020, Monday, 04:30 PM – 06:00 PM	Dr. Nonita Sharma, Assistant Professor, Department of Computer Science & Engineering, NIT Jalandhar	Ensemble Modelling for Time Series Forecasting
2	21 st July 2020, Tuesday, 04:00 PM – 06:00 PM	Dr. Durgesh Mishra, Professor, SAIT Indore & Chairman, ACM Indore Chapter	Research Philosophy with Case Study on Secure Multi Party Computations
		Dr. Vandana Roy, Professor Hitkarni College of Engineering & Technology, Jabalpur and Member, ACM Indore Chapter	IoT based Biomedical Applications in 5G
3	22 nd July 2020, Wednesday, 04:30 PM – 06:00 PM	Dr. Samiksha Shukla, Head of Department, Data Science, Christ University Pune	Cloud Computing
4	24 th July 2020, Friday 04:30 PM – 06:00 PM	Mr. Parag Jawale, Founder & Lead Trainer, Takshshila Learning Center Mumbai	Managing Emotion and Stress during Covid’19
5	25 th July 2020, Saturday, 04:30 PM – 06:00 PM	Dr. Vivek Tiwari, Assistant Professor, Department of Computer Science & Engineering, IIIT Naya Raipur	Descriptive Data Analytics using Clustering
6	26 th July 2020, Sunday 10:30 AM – 12:00 PM	Mr. Kapil Tiwari, Manager Software Development, Amazon Development Centre (India) Pvt. Ltd. , Hyderabad, India	IOT & Amazon Web Services



This webinar series Chaired by Dr. Narayan Chandak, Associate Dean, MPSTME Shirpur and Dr. RadhaKrishna Rambola, Shirpur and Coordinated by Prof. Shubham Joshi, Assistant Professor. Organizing Committee members Prof. Varun Deshmukh, Prof. Sachin Chavan, Prof. Bhushan Inje, Prof. Dhananjay Joshi and Prof. Sachin Bhandari had coordinated for organizing committee.

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Webinar on “Working in MNC and Future of Civil Engineering”



The webinar titled, “Working in MNC and Future of Civil Engineering” was conducted as a part of Webinar Series on Civil Engineering on 04 September, 2020 at 05:00 PM. The program was organized by Civil Engineering Department, MPSTME, Shirpur Campus. Prof. Deepak Singh Baghel was the coordinator and convener for the webinar. Dr. Narayan Chandak, Officiating, Director Engineering and Head Civil Engg., NMIMS, MPSTME, Shirpur campus guided the event and delivered welcome words. Prof. Achal Agrawal handled the live event as producer. The event included an informative talk from our speaker Mr. Vasant Dammani, Structural Engineer, Middle East. He discussed different sectors in MNCs for civil engineers, cultural environment in MNCs, Career path, skills required for professional engineers and future scenarios of work for civil engineer. The event also had Question and Answer session where attendees asked their queries before the speaker. Overall, the event had enlightened our attendees and would help them in their career path.

Webinar on “Solid Waste Management in India and Swacch Bharat Mission”

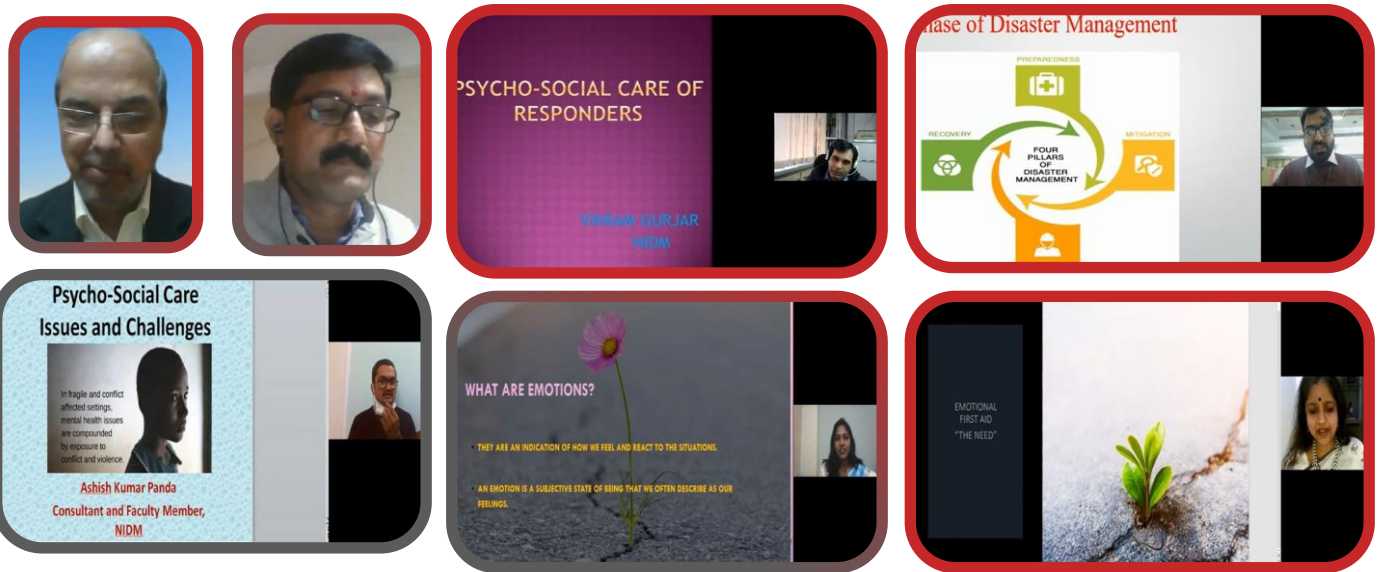
The webinar titled, “Solid Waste Management in India and Swacch Bharat Mission” was conducted as a part of Webinar Series on Civil Engineering on 08 October, 2020 at 05:00 PM. The program was organized by Civil Engineering Department, MPSTME, Shirpur Campus. Prof. Deepak Singh Baghel was the coordinator and convener for the webinar. Dr. Narayan Chandak, Officiating, Director Engineering and Head Civil Engg., NMIMS, MPSTME, Shirpur campus guided the event and delivered welcome words. Prof. Achal Agrawal handled the live event as producer. The event included an informative talk from our speaker Mr. K K Shrivastava, Ex-Executive Engineer, PHED and Technical Head, Global Environmental Consultancy Services. He discussed Solid waste management status in India, different rules of solid waste management rules, different technical solutions including Landfill, case studies for Solid waste management, implementation of solutions, and role of swacch bharat mission in solid waste management, rating criteria’s. The event also had Question and Answer session where attendees asked their queries before the speaker. Overall, event had provided practical overview of waste management and would be beneficial for them as consultant.



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Three day Workshop on “Disaster Psycho-Social Care” from 14 Dec-16 Dec 2020”

National Institute of Disaster Management NIDM New-Delhi along with Mukesh Patel School of Technology Management & Engineering Narsee Monjee University Shirpur offered three days’ workshop on “Disaster Psycho-Social Care” from 14 Dec-16 Dec 2020. The ten months of COVID-19 pandemic and lockdown has brought about a sense of fear and anxiety around the globe. This phenomenon has led to psychosocial and mental health implications for all of us. During such stressful situations, the institute took the initiative to look into psychological intervention and adopt necessary measures. The workshop targeted the individuals to educate them and to prepare them to face mental health issues. MPSTME along with the NIDM, fully grasp the gravity of the crisis, and took the responsibility for health and safety. Major General Mr. Manoj Bindal Executive Director of National Institute of Disaster Management Delhi supported a lot to provide the opportunity to organize the workshop. Mr Arun Verma young professional from NIDM, talked about the fundamentals of disaster and demonstrated the differences between Hazards and Disaster. He stated the impact on COVID-19, pandemic on global and Indian Context. Mr. Ashish Panda Consultant NIDM, delivered talk on the psychological issues to handle the disaster and also demonstrated the challenges faced by the volunteers to handle the victims. Mr Vikram Gurjar Dy Commandant, Incharge Training NIDM, during his session, elaborated on how to handle the emotions and mental health conditions of respondents. He briefed how to manage ourselves by practising yoga, deep breath, and other natural techniques to overcome from the problems. He extended his discussion to get rid of the rumours and advised to rely on the authenticated sources. Mr Shekhar Chaturvedi Asstt Professor NIDM in his session elucidate about Ethics and Essentials and also referred the policy framed by American Psychiatry Association. Dr Asha an eminent psychologist, addressed on emotional hurt abuses and imbalances inside the victims. She emphasizes on internal and external imbalance and how to cure against the rejections, self-respect and hurt. She also referred to ancient Vedic techniques and practises to adopt during the pandemic situation. Dr Girish Mishra Professor O P Jindal University, elaborated on impact of mass causality that how it causes serious imbalance in rescue operation. Ms Kiran Counsellor Psychologist SVKM NMIMS Shirpur took a session on thriving from crisis times by building emotional resilience and her questioner to find our resilience quotient was appreciated by the participants. She addressed on self-compassion and how to discover elements inside us. There were over 500 participants all over Maharashtra, Rajasthan Chhattisgarh, Madhya Pradesh, Kerala, Andhra Pradesh and Delhi NCR. Formal feedback was taken by the organizing committee and it was very encouraging. Dr Kamal Mehta from SVKM NMIMS Shirpur campus coordinated the event along with Prof Varun and Prof Dhananjay. The organizers are sure that the participants will overcome this pandemic to build the healthier, safer, society they all want to see. The event was guided by Dr Narayan Chandak Officiating Director MPSTME, and Dr R S Gaud, Director MPTP Shirpur. All administrative support was extended by Shri Rahul Dhandey, and the blessings of Shri Raj Gopal ji Bhandari, Mentor of the Shirpur campus boosted the moral of the organizing team and the participants. University administration would like to have more association and to have more activities for furtherance of the society.



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Webinar on Innovation and Business Storytelling

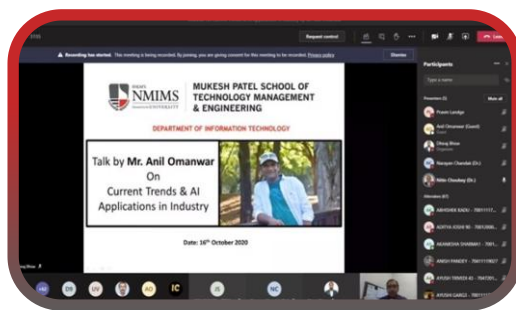


Department of Information Technology organized a webinar on “Innovation and Business Storytelling” for students of IT department on 24th October 2020. The event was conducted Online through MS Teams. The resource person for the event was Mr. Suranyash Choudhary and the event was coordinated by Mr. Prashant Udawat. Suranyash Choudhary is an alumnus of NMIMS MPSTME Shirpur campus. Where he has completed his tech in IT specialization. He has worked for 2 years in Accenture as a BusinessMBA Analyst and Product owner. Now he has founded his own start-up named Norlights. He trains people to become an excellent speaker and problem solvers. After welcome address by Dr Narayan Chandak, and Dr N.S. Choubey, Mr. Suranyash Choudhary started the session with formal introduction of need of innovation in IT sectors. Storytelling is a powerful tool that evokes visual images and heightened emotions. The model and examples of organizational storytelling was excellent. Additionally, using business stories, Suryansh made learning more meaningful and even fun for both students and faculties. It was very interactive session. Almost 103 students and 10 faculty members were present for the same. The session conducted was very inspiring to students. Students understood the new definition of innovation with different business stories.

Webinar on “Current Trends & AI Applications in Industry”

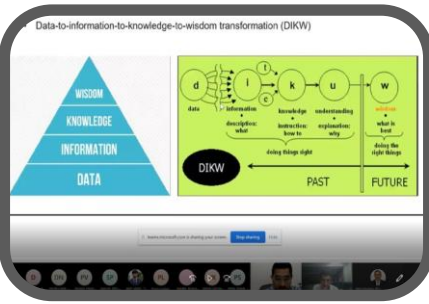
Department of Information Technology organized a webinar on “Current Trends & AI Applications in Industry” for students and faculty members of IT department on 16th Oct 2020. The event was conducted Online through MS Teams. The resource person for the event was Mr. Anil Omanwar and the event was coordinated by Mr. Dhiraj Bhise. Mr. Anil Omanwar is an AI Expert and Data Scientist, with more than 18 years of experience, Currently involved in R&D on IBM Watson in oil and gas domain, and building cloud based AI applications. Loves patenting smarter ideas on cognitive computing and device intelligence. He helps to automate critical manual processes assisting domain experts to optimize human- machine capabilities.

After welcome address by Prof. Dhiraj Bhise, days speaker Mr. Anil Omanwar started the session with formal introduction of AI. Then he discussed How the production looks in the “new normal”? How it is different and changed by today – because the crisis ensures that the previous maximization of efficiency must be supplemented with resilient and adaptive production systems. A significant contribution is made by the digital transformation through AI applications in the industry. In Discussion about IoT solutions for industrial equipment, he focuses on how Watson IoT solutions for industrial equipment help you to establish IoT connectivity across your businesses and analyze factory floor and equipment data in real time. The discussion also held on Improve quality control, reduce downtime, predict failures and enhance the safety and experience of your employees — on premises or in the field. Next what is Chatbot, how it uses natural language recognition capabilities to discern the intent of what a user is saying, in order to respond to inquiries and requests was discussed. Finally the opportunities in the field of cloud based AI platform were explained by the speaker. The session was concluded by vote of thanks from Prof. Pravinkumar Landge. The session was very interesting and fruitful from the student’s as well as the faculty’s perspective. The expertise and knowledge shared by the industry expert will definitely help the students in their future.



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Webinar on “Data Engineering”



Department of Information Technology organized a webinar on “Data Engineering” for students and faculty members of IT department on 30th Oct 2020. The event was conducted Online through MS Teams. The resource person was Mr. Sunil Pawar and the event was coordinated by Mr. Piyush Kumar Soni. Mr. Sunil Pawar is a BigData Architect and specialist, with more than 14 years of experience, fast-tracking his professional growth through extremely strong technical prowess in the BigData Technical Architecture, Data Engineering and Data-Warehousing. After welcome address by Prof. Piyush Kumar Soni, Mr. Sunil Pawar started the session with formal introduction of data engineering and data life cycle. Then concepts of data movement pyramid and data warehousing were discussed. Discussion about challenges in data engineering was followed by elaboration of emerging technologies like bigdata, Hadoop and cloud. Finally, data design and opportunities in the field of data engineering were explained by the speaker. The session was concluded by vote of thanks from Prof. Piyush Kumar Soni. The session was very interesting and fruitful from the student’s perspective. The expertise and knowledge shared by the industry expert will definitely be of help for the students in their future.

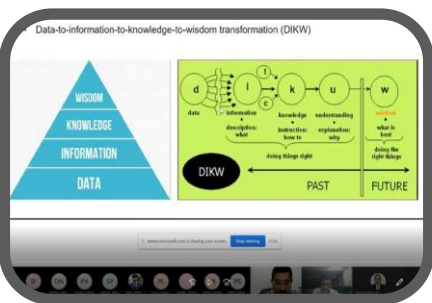
Webinar on “How to approach Industry off Campus and On Campus”

Department of Information Technology organized a webinar on “How to approach Industry off Campus and On Campus” for students and faculty members of IT department on 12th September 2020. The event was conducted Online through MS Teams. The resource person for the event was Mr. Divyansh Mathur and the event was coordinated by Mr. Ritesh Dhanare. With Mahindra Trucks & Bus Division Mr. Divyansh Mathur started his professional career. The project given was the Market Activation for building awareness and boosting Heavy Commercial Vehicle sales in various Micro-Market Segments. He worked with the Mahindra group for the time of 2 years and 2 months. Currently, He is working as Territory Sales Manager Jul 2019 – Present. After welcome address by Prof. Ritesh Dhanare, Mr. Divyansh started the session with formal discussion of Aim and life goal of the students. Then he started with, how to achieve that goal and what is the requirement to achieve that. He also focuses on what are the real problems students or any experienced person will face to approach industry. Later he mentioned the market scenario and things to remember which are very much useful and very important. After the presentation he answered all the queries raised by the students and guides them in proper way. The session was very informative in aspect of placement preparation and job recruitment. The session was concluded by vote of thanks from Prof. Ritesh Dhanare. The session was very interesting and fruitful from the student’s perspective. The expertise and knowledge shared by the industry expert will definitely be of help for the students in their future.



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Webinar on “Latest Trends of Technology in the Industry”



Department of Information Technology organized a webinar on “Latest Trends of Technology in the Industry” for students and faculty members of IT department on 19th September 2020. The event was conducted Online through MS Teams. The resource person for the event was Mr. Sunarmik Das and the event was coordinated by Ms. Pratiksha Meshram.

The webinar was extremely informative and gave students the opportunity to learn what advancements are taking place in today’s world. Final year students who need to find a job in this dire time found it very enriching. Described below are the

elements of the workshop.

- The workshop was designed to:
 - o Provide insight and understanding regarding the key concepts of today’s trends
 - o Discuss the phenomenon of varieties of trends in the current industry and each is selected for the appropriate purpose
 - o Discuss practical steps in planning to learn the interested field.
- Prof. Pratiksha Meshram marked the beginning of the webinar with an introductory speech which was followed by the welcome speech from Dr. Narayan Chandak. Even Dr. Nitin Choubey gave a motivational speech and told students more about the speaker. The speaker for the webinar, Mr. Sunarmik Das is an NMIMS Shirpur alumnus who is currently working at KiwiTech as a Software Engineer.
- Mr. Sunarmik Das started the webinar by introducing the Disrupting Web Technology. He presented that because of the current growth in internet access, it is an indispensable part of our life, which leads to rapid generation of data compared to the previous decade..
- Next, he introduced students to current Scopes and Jobs as a Block chain Developer, Artificial Intelligence Specialist, JavaScript Developer, Full Stack Engineer, etc. He also spoke about what skills are required to become a competent Web Developer in 2020.
- The workshop was closed at 07:15 PM by Prof. Pratiksha Meshram.

Webinar on Chemical, Biological, Radiological and Nuclear (CBRN) Risk Mitigation and Incident Management

After 600 participants for the 1st pre -event of e-Summit 2020 of IEDC Shirpur, We have organized yet another interesting online session on "Chemical, Biological, Radiological and Nuclear (CBRN) Risk Mitigation and Incident Management." By Col (Dr) Ram Athavale.

The COVID 19 has disrupted almost every aspect of the human life, veteran officer Col (Dr) Ram Athavale shared the strategies to mitigate the chemical, biological, radiological and nuclear threats and protective measures to be taken in such situations. Col (Dr) Ram Athavale, is a veteran officer with specializations in CBRN Security and Risk Mitigation. He has been an Advisor to Govt. of India and the EU CBRN CoE as a CBRN Expert.

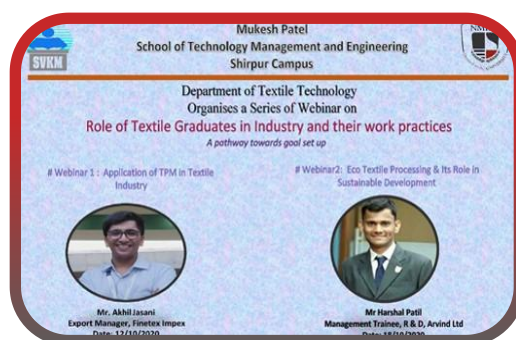
The event was held online on 27th June 2020 4:00 PM IST, 300+ participants form the different parts of the country attended the event. Col Athavale shared his experience about managing the CBRN threats and preparedness required. He also highlighted the need of introducing CBRN Risk Mitigation and Incident Management in regular academics for better response to such threats.

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Webinar on “AI and Machine learning in Wireless Communication”

An online webinar on “AI and Machine learning in wireless communication” was organized by Department of Electronics and Telecommunication Engineering, NMIMS, MPSTME, Shirpur campus on 31st October 2020. The main motive behind conducting this webinar to make the faculties and students aware of the recent trends in the wireless communication system and to emphasize the applications of artificial intelligence and machine learning in the field of wireless communications. The resource person for the event was Dr. (Mrs.) Upena Dalal, Professor SVNIT, Surat. The speaker nicely elaborated the various trends in the field of wireless communications from 1G to 5G and beyond with the applications of AI and machine learning. More than 200 participants were benefitted from this webinar. The Webinar was coordinated by Mr. Rahul Koshti, Assistant Professor (EXTC Dept.), under the guidance of Dr. B.K. Mohanty, Associate Dean (Research) & HOD-EXTC/MXTC.

Webinar Series on “Role of Textile Graduates in Industry and their work practices- A pathway towards goal set up”



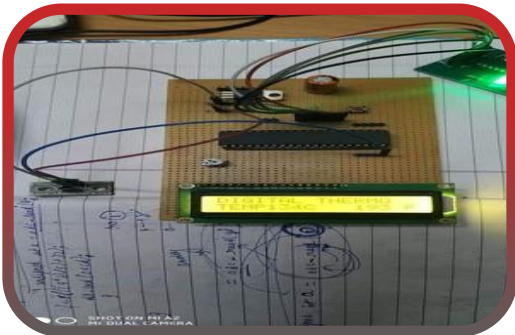
Department of Textile Technology organizes a series of Webinars on Role of Textile Graduates in Industry and their work practices- A pathway towards goal set up

Department of Textile Technology, organizes a series of Webinars on Role of Textile Graduates in Industry and their work practices on 12th & 18th October, 2020 for all B Tech Textile Technology students. The session talk was given by Alumni of Textile Technology Department. Keeping the view of interaction of alumni with available student’s department has organized two webinars of different topics. The webinars were conducted on 12th & 18th of October, 2020. The program was started with welcome address by Prof. Anup Karande, dept. of Text. Tech., followed by briefing of webinar by Dr. Vijay Shivankar, HOD, Text. Tech. and address of Officiating Director Dr. Narayan Chandak, MPSTME, Shirpur campus to the students about the webinar and how it will help them in future. Mr. Akhil Jasani, Export Manager, Finetex Impex, has given the webinar on 12th October, on the topic “Application of TPM in Textile Industry”. He briefed about the application of Total Productive Maintenance in the textile industry and guided the students for their role in textile industry. Mr. Harshal Patil, Management Trainee, R & D, Arvind Ltd, has given the webinar on 18th October, on the topic “Eco Textile processing and its role in sustainable development”. He briefed about the Eco textile processing and its role in sustainable development of processing in textile industry. The webinar was ended with Q/A session by students and speakers followed with vote of thanks by Prof. Anup Karande.

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Webinar on “Automatic Identification of rolling stock using RFID Technology”

An online webinar on “Automatic Identification of rolling stock using RFID Technology” was organized by the Department of Electronics and Telecommunication Engineering, NMIMS, MPSTME, Shirpur campus on 24th October 2020. The main motive behind conducting this webinar is to inculcate knowledge to students related to various software and systems developed on RFID Technology by Indian Railways. The resource person for the event was Mr. Pawan Kumar, Embedded Developer, CRIS, Delhi Division, NDLS. It was a very informative session and demonstrated by live systems developed at Indian Railways. This Intensive Training Program (ITP) was free of cost for registration. Total 87 participants from B.Tech 2nd & 3rd Year EXTC attended the webinar. It was coordinated by Dr. Suresh Kurumbanshi & Prof. Rehan Ahmad, EXTC Dept., under guidance of Dr. B.K. Mohanty, Associate Dean (Research) & HOD-EXTC/MXTC.



• AWARDS & ACHIEVEMENT



Prof. Rushikesh D. Dandagwhal received “Second Prize” in “Model Digital Lecture Award (MDL)” organized by IEDC – Mukesh Patel Technology Park, Shirpur Campus in August 2020.



Prof Anup Karande from the Department of Textile Technology received financial assistance (Seed Grant Funding) for his project entitled, ‘Design and Development of fabric surface frictional properties measurement instrument’ of Rs. 96,520/- from SVKMs NMIMS University.



Mr. Suresh Kurumbanshi, Assistant Professor in the Department of Electronics & Telecommunication Engineering has been awarded Ph. D. in Electronics Engineering on 8th October 2020 by Rashtrasant Tukadoji Maharaj Nagpur University (State University Government of Maharashtra), Nagpur. The topic of his research was “Probabilistic Approaches & Analysis towards improving the capacity of Adhoc Network”. He completed his research under the guidance of Dr. Shubhangi Rathkantiwar, Professor, in Electronics Engineering Department of Yeshwantrao Chavan College of Engineering, Nagpur. His research work investigates a novel routing protocol for improving energy efficiency of wireless Adhoc Networks for defence applications. He gives credit for success to supervisor Dr. Shubhangi Rathkantiwar, Dr. K. D. Kulat, Professor, VNIT, Nagpur & Dr. Chandrashekhar Dethe, Director, UGC-Human Resource Development Centre, RTM Nagpur University, Nagpur for their valuable insights towards the research work. He would like to thank Dr. R. S. Guad (Director-MPTP, NMIMS Shirpur Campus), Dr. Narayan Chandak (Officiating Director-Engineering Programs, MPSTME, NMIMS Shirpur Campus), Dr. B. K. Mohanty (Associate Dean-Research and Head-EXTC/MXTC), faculty Members of the Department & family members & friends for their constant moral support throughout the work.



Mr. Shashikant Patil, Associate Professor in Department of Electronics & Telecommunication Engineering, had many accolades from July 2020 to December 2020 such as:- 1) IIC Innovation Ambassador (Institution’s Innovation Council- MHRD’s Innovation Cell.), 2) Published article on “Dental Image Processing” in Daily Lokmat Jalgaon Edition on 29th November 2020, 3) Delivered expert talk on “Biomechatronics” on 2nd November 2020 in Two Week AICTE Sponsored FDP on Application of AI & ML in Digital Manufacturing organized by GIET University, Gunupur Odisha, 4) IEEE MILTE 2020(Dec 1-2, 2020) Reviewer. , 5) TPC Member Recognition from NIT Silchar for an International Conference (2020 IEEE ACTS)., 6) IEEE IBSSC 2020 Conference Reviewer., 7) TPC Member Certificate for Conference International Conference on Computer Science & Communication Technology China (July 25-26,2020), 8) Certified Publons Academy Mentor for Peer Reviewer Course, 9) Certified Publons Academy Peer Reviewer, 10) ICORIS 2020 Reviewer Recognition, 11) MyNEP Ambassador Recognition from VidyaBharti for NEP2020., 12) TPC Member and Reviewer for the International Conference on “Machine Intelligence and Data Science Applications (MIDAS-2020)” in association with Next Generation Computing Technology (NGCT) Society held on 4th-5th September 2020 at University of Petroleum and Energy Studies, Dehradun, Uttarakhand, INDIA.

• AWARDS & ACHIEVEMENT



Dr. Manish Mandloi, an Assistant Professor in the Department of Electronics & Telecommunication Engineering received Best paper award for 2020 IEEE International Conference on Advanced Communication Technologies and Signal Processing (IEEE ACTS) at NIT Silchar from 4th to 6th December 2020. He presented paper on "Low Complexity Symbol Detection for Index Modulated Massive MIMO Systems". He delivered expert talk in Online FDP sponsored by TEQIP III at Ujjain Engineering College on Topic "Recent Trends in Beyond 5G" from 16th to 20th September 2020. And One week workshop (webinar) sponsored by TEQIP III at NIT Silchar on the Topic "Engineering Applications of Optimization Techniques" from 5th to 9th September 2020. He is recognized as an editor for 5G and Beyond Wireless Systems, Springer Singapore, 2020.



Dr. Pravin Wararkar, an Assistant Professor in the Department of Electronics & Telecommunication Engineering, completed International Level Online certification: "Salesforce Certified Platform Developer I (SP20)" on 13th August 2020 and "Salesforce Certified Administrator (SU20)" on 10th September 2020. This certification is conducted on Kryterion Global Testing Solution by Trailhead, USA. He is recognized as a IEEE Senior Member for "IEEE Consultants Network" and "IEEE Power Electronics Society" in July 2020 in good standing through December 2020. He is recognized as a "Publons Academy Peer Reviewer" on 7th August 2020 by Publons Academy.



Received "Best Paper Award" at National Conference on Physics and Chemistry of Materials conducted by Government Holkar Science College, Indore on 14-16th December, 2020. He also received three "Certification of Appreciation" by NPTEL-SWAYAM for Translating lectures of the subject, "Energy conservation and waste heat recovery (112105221)" offered by IIT Kharagpur.



Prof. Dinesh Shinde received "Best Session Paper Award" at 1st International Conference on Recent Advancements in Design and Manufacturing (ICRADM-2020) organized by S.V. NIT Surat during 16-17 July, 2020. He received financial assistance (Seed Grant) for the academic year 2020-21, for the project entitled "Behavior of Self-Compacting Reinforced Concrete with Hybrid Fibres" of Rs. 100000/- by the SVKMs' NMIMS University.



Dr. Nitin Choubey earned Professional Certification from IBA through Coursera in

1. "IBM Applied AI" by completing 06 courses on 13-07-2020.
2. "IBM AI Engineering" by completing 06 courses on 07-09-2020.

- Webinar/FDP/Online Lecture (Faculty Contribution)



Dr. Govind R Rajput delivered a session on "Similarity Techniques in Fluid Flows" in Faculty Development Programme on Mathematical Methods in Applied Sciences (through online webinar)" on 23/07/2020 organized by the Department of Mathematics, School of Basic Sciences, College of Engineering and Technology, SRM Institute of Sciences and Technology, Kattankulathur.

The poster is for a Faculty Development Program titled "Introduction-Why and What is Deep Learning". It is organized by the Computer Engineering Department at SVKM'S NMIMS, Deemed to be UNIVERSITY, Mukesh Patel School of Technology Management & Engineering. The speaker is Dr. Milan Joshi, MPSTME, Shirpur Campus. The program is scheduled for 27th July, 2020, from 4:30pm to 6:00pm, for 6 days (Monday to Saturday). The session will be conducted in MSTeam.

Dr. Milan Joshi has conducted Faculty Development Program on "Why and What is Deep Learning" organised by Computer Science Department SVKM'S NMIMS MPSTME in collaboration with the Now Mozilla club from 27th July-4th Aug 2020.

Dr. Milan Joshi has delivered a session on "Introduction to Optimization, Particle Swarm Optimization" at AICTE sponsored STTP on "Innovative Techniques for Sustainable Energy Development through Modeling of Mechanical Processes – (SERIES-II) " on 18/09/2020 at Department of Mechanical Engineering, K.L.N College of Engineering, Madurai

CAMPUS ACTIVITIES

DEPARTMENTAL INDUCTION PROGRAMME On INTERACTION WITH ALUMNI (CE Department)

Induction Programme “Interaction with Alumni” is an initiative of the Computer Science Department to groom the overall understandability of students and make them acquainted with the working culture of IT Industries. A three days’ induction programme “Interaction with Alumni” under the Computer Science department was held at MPSTME Shirpur Campus through Online Mode from 10th to 12th September 2020. The aim of the programme was to interact with alumni in order to understand the emerging & innovative technologies and organizational culture of IT industries. This induction program helps to understand the working environment of IT organization and The induction Programme was very helpful for first year students to start their preparation as per the need of IT industries. There were three alumni: (i) Mr. Tushar Pandit, Technical Consultant in Informatica Pvt. Ltd. Bangalore (India) (ii) Mr. Ashutosh Ajgaokar, Marketing Specialist, DHL Supply Chain, Bonn (Germany) (iii) Mr. Himanshu Sharma, Data Developer, CAN Automation Pvt. Lt. Melbourne (Australia). During the interaction, alumni shared their experiences and thoughts about the IT industries regarding the topic of discussion. The Induction Programme was attended by first year BTech students of the Computer Science department.

Inaugural Session:

The first day of programme started with the inauguration session. The programme is graced by honourable Dr. Ram Gaud (Director, MPTP Shirpur Campus), Dr. Narayan Chandak (Officiating Director, MPSTME Shirpur Campus), Mr. Rahul Dande (Chief Accountant, MPTP Shirpur Campus), Dr. B.K. Mohanty (Associate Dean, Research, MPSTME Shirpur Campus), Mr. Rajiv Dalal (Deputy Registrar, MPTP Shirpur Campus), H.O.D.’s of various departments, faculty members and first year students (BTech Computer Science).

Technical Sessions:

1st Day (10th Sept. 2020) Session I: Delivered by Mr. Tushar Pandit

Mr. Tushar Pandit has delivered a session on “Trending Job Roles in IT Industry”. In this session, students learned the difference between product based company and service based company, Streams in a product based company and different roles in IT industries such as Data Scientist, Software Engineers, DevOps, Consultant and Cloud Engineering/Architect

2nd Day (11th Sept. 2020) Session II: Delivered by Mr. Ashutosh Ajgaonkar

Mr. Ashutosh has delivered a session on “Marketing and importance of Internships”. An informative session on “Why should you do an Internship” was delivered by the speaker. In this session, students were learned the importance of internship in various aspects.

3rd Day (12th Sept. 2020) Session III: Delivered by Mr. Himanshu Sharma

The discussed topic on this day was “Essentials for Computer Science Students”. In this session, students were learned the various courses that can improve the technical skills. Speaker was discussed about the importance of social media in a positive direction such as LinkedIn. The students were learned about working culture of IT industries “How does the industry/corporate life looks like”. At the end of the programme Prof. Upendra Verma, Event Incharge proposed vote of thanks to higher dignitaries.

Outcome:

All the sessions were very much informative and helpful for the first year student in order to start their preparation as per the need of IT industries. The discussed areas are of great benefit for the students as the topics match with the current working domain. Students were enlightened with the most widely used technologies in this domain. The foremost purpose of the programme was to understand the working culture of IT industries for first year students and to sustain the first year enrolled students during the worst academic scenario due to Covid19 outbreak. At the end, the Induction Programme was appreciated by Dr. Ramesh Bhat (Officiating Vice Chancellor, SVKM’S NMIMS University) and Dr. Alka Mahajan (Dean, MPSTME, SVKM’S NMIMS University).



CAMPUS ACTIVITIES

Industry-Students Interaction Series

The Department of Mechanical Engineering, SVKM's NMIMS, MPSTME Shirpur Campus organized the Online 'Industry-Students Interaction Series.' from 27th July 2020 to 1st August 2020.

The Interaction series was inaugurated by Dr. Narayan Chandak, Officiating Director (Engineering Programs) NMIMS MPSTME Shirpur campus. Dr. Rakesh Chaudhari, Head of Mechanical Department Shirpur delivered welcome speech. He mentioned the objective of series and explained how it will help to make students industry ready.

- On 27th July 2020, Mr. Kartikeyan Chhabra, Entrepreneur, FLORA- Competent Electricals India, New Delhi, India has delivered a talk on -"A Journey from a graduate to an Entrepreneur".

- On 28th July 2020, Mr. Satya Sourabh Mohanty, Group Head, Wavemaker, Mumbai, India has shared his experience through a webinar on "A Walk through My Professional Timeline."

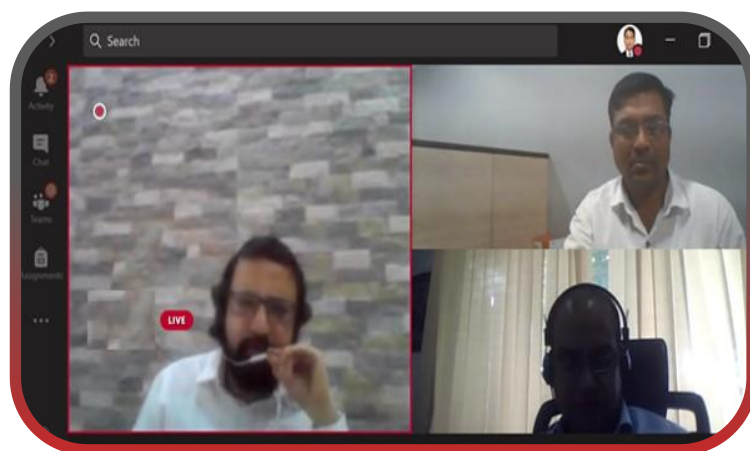
- On 29th July 2020, Mr. Srikanth Kumar, Data Scientist in Deloitte Omnia, Toronto, from Canada enlighten the student about "How Academics prepared him for Professional Challenges " on the third day of series.

- On 30th July 2020, Mr. Rishabh Chopra, Artificial Intelligence Business Analyst, Royal Dutch Shell, Bangalore, India has delivered a talk on "Artificial Intelligence from a Techno-Manager's Perspective"

- On 1st August 2020, the interaction series ended with the session delivered by Mr. Sandeep Shinde. Manager in Project & New Product Launch department of Mahindra Vehicles Manufacturers Ltd., Chakan, Pune. The topic of Mr. Sandeep's webinar was Industry 4.0, which is very much related to the current industrial revolution.

The interaction series was greatly helpful for students to prepare themselves for placement by knowing the recent developments in the industry.

"Teachers Day Celebration 2020"



Department of Textile Technology organizes a program for celebration of Teachers Day 2020

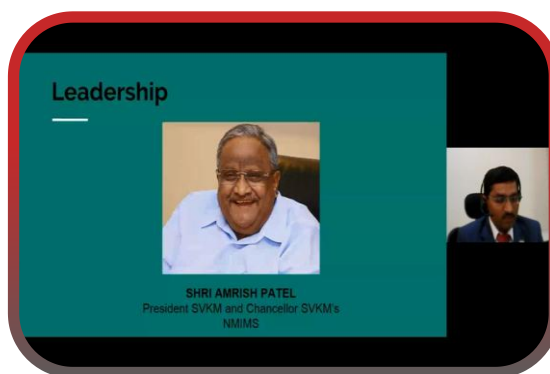
Department of Textile Technology, celebrated "Teachers Day 2020" on 5th September 2020 in online mode to mark the birthday of the country's former President, scholar, philosopher and Bharat Ratna awardee, Dr Sarvepalli Radhakrishn On this occasion we invited Dr. Sudhakar M. Gaonkar as a Chief Guest of the program. He is a retired Professor, Head and TPO at VJTI, Mumbai, and presently, working as a placement consultant at JBIMS, Mumbai. The program was started with the welcome of chief guest and the inaugural speech of the program delivered by Dr. K. K. Gupta, In-charge CTF. In this Dr. K. K. Gupta explained the importance of teacher's day for students as well as teachers. Dr. V. S. Shivankar gave a brief introduction of Chief Guest and invited him to guide our students. Mr. Sudhakar M. Gaonkar, talk about the importance of a teacher in everyone's life in his keynote address. He motivated students to do better than the best by giving various examples while delivering a lecture to the textile students about Career and Corporate Requirements. The session was ended with student's interaction, their droughts and with the vote of thanks.

CAMPUS ACTIVITIES

ORIENTATION PROGRAM

First Year Orientation Programme – 2020

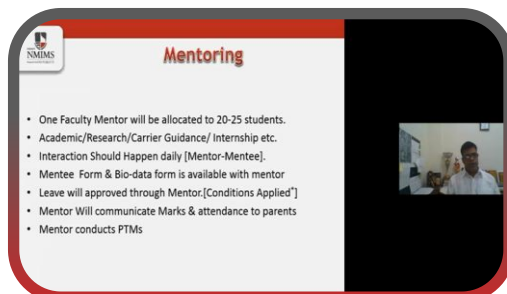
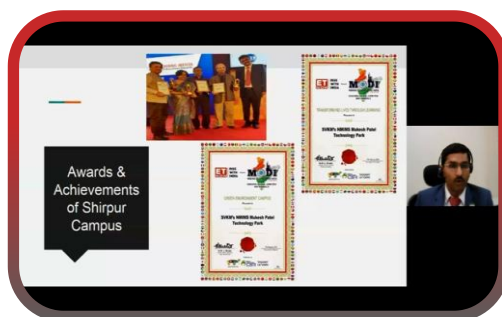
SVKM’s NMIMS Mukesh Patel School of Technology Management & Engineering, Shirpur, organized an online orientation programme for the newly admitted B. Tech. students from 10th August, 2020 to 14th August 2020. The major objective of the programme was to make all the parents and students aware about the 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.



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. Amritanand Mishra (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 was 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 the 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, who gave information on department and various activities carried by the Computer Science department.



CAMPUS ACTIVITIES

ORIENTATION PROGRAM

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). In the next session, Dr. Malvika Sharma, Assistant Professor in Chemistry, gave a presentation on Application of Basic Science in Higher Education (Chemistry).

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.

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 the 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.

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

Second half of the program was conducted by the In-charges of Ambiora, Flavium and Protsahan.

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, the First Year Students were given inputs on Physics, Chemistry, English and BEE.

Department Highlights

- Alumni Interaction
- Technical Workshop/Hackathon Competition for students.
- 88% students placed in 2019-20.
- Webinar/Expert Talks by Industry personal.
- FDP for Faculty

Day 3 : Induction Programme 2020

Yoga for Everyone

LABORATORY FACILITIES

Sl. 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

Student Development (Contd.)

Industry-Students Interaction Series, 2020-21

Mukesh Patel School of Technology Management and Engineering Shirpur Campus

Department of Mechanical Engineering Organizes "Industry-Students Interaction Series" A Social Forum of NMIMS Shirpur Campus

AMBIORA

Annual Technical event of MPSTME - Shirpur

Dr. U. Ragavendran
Chairman - AMBIORA

ANNUAL SPORTS FEST "FLAVIUM"

SVKM'S NMIMS
MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING
SHIRPUR CAMPUS

Each One Save One... Spreading smiles

Initiated with the purpose to serve the other sections of society, "Each One Save One" a social forum of NMIMS Shirpur campus

Pathshala

• FACULTY DEVELOPMENT

AICTE Training and Learning (ATAL) Academy Online FDP

S.N.	Faculty	FDP	Date	Organising Body
1	Prof. Sachin Chavan	Soft Computing Techniques	2-6 Nov 2020	Dr. S. & S. S. Ghandhy Government Engineering College
2	Prof. Mayank Sohani	Cloud Technology	2-6 Nov 2020	Government Engineering College Gandhinagar Gujarat
3	Prof. Deepti Barhate	Data Science	2-6 Nov 2020	Hindustan College of Engineering and Technology,tamilnadu
4	Prof. Shubham Joshi	Internet Of Things	13-17 Oct 2020	Institute of Engineering and Technology Devi Ahilya University Indore.
5	Prof. Bhushan Inje	Data Science	21-25 Sep 2020	B.S.Abdur Rahman Crescent Institute of Science & Technology
6		Soft Computing Techniques	2-6 Nov 2020	Dr. S. & S. S. Ghandhy Government Engineering
7	Prof. Harshal Kotwal	Artificial Intelligence	15-19 Oct 2020	KIIT Deemed to be University
8	Prof. Suraj Patil	Artificial Intelligence	24-27 Nov 2020	Central Institute of Technology
9	Prof. Varsha Nemade	Data Science	2-6 Nov 2020	Hindustan College of Engineering and Technology
10	Prof. Sachin Bhandari	Soft Computing Techniques	2- 6 Nov 2020	Dr. S. & S. S. Ghandhy Government Engineering College

Research Seminars

S. N.	Name of Faculty	Date of Presentation	Topic
1	Prof. Upendra Verma	09/10/2020	Elliptic Curve Cryptography based mutual authentication protocol for Fog enabled Internet of Things
2	Prof. Deepti Barhate	16/10/2020	Plant Spices Identification using Machine Learning
3	Prof. Shubham Joshi	23/10/2020	VR Enabled Decision Support System for Deterministic Multifold Analysis of Prospects
4	Prof. Varun Deshmukh	30/10/2020	Blockchain based Secure Access scheme for Disease Prediction
5	Prof. Suraj Patil	06/11/2020	COVID-19 data analysis
6	Prof. Varsha Nemade	11/12/2020	Breast Cancer Analysis using Machin Learning Technique
7	Prof. Dhananjay Joshi	18/12/2020	Topological Data Analysis Based Feature Selection for Predicting Fatigue Strength of Steel Using Machine Learning

• FACULTY DEVELOPMENT

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	Shubham Joshi, Dr. Radha Krishna Rambola	Context Aware Service Oriented Architecture for Secure Data Transmission	Journal of University of Shanghai, for Science & Technology	ISSN No.: 1007-6735,	Volume 22, Issue 10/ pp 257-262	Nov-20	Journal of University of Shanghai, for Science and Technology	0.2	Q4/0.2	Yes	--
2	Dr Kamal Mehta, Dr Manisha Sharma, Dr Rajesh Tiwari	IoT Based Parallel Framework for Measurement of Heat Distribution in Metallic Sheets	Solid State Technology	0038-111X	Vol 63, Issue 6	Nov 2020	--	--	--	Yes	--
3	Dr Mohan Awasthy, Dr R P Patel, Dr Kamal Mehta, Dr D S Raghuvanshi, Omkar Laxmi Nigam	Issues and Challenges of Microwave Power Transmission Suitable for Solar Power Satellites	Journal of Green Engineering	1904-4720	Vol 10, Issue 9	Sep 2020	--	--	--	Yes	--
4	Sejal Jain, Nishita Hada, Shubham Joshi	Shopping Using Virtual Reality and Augmented Reality	International Journal of Advanced Science & Technology	2207-6360	pp 7546 -7552	Jul-20	International Journal of Advanced Science & Technology	0.3	Q4/0.2	Yes	--
5	Suraj Patil, Dr.D.K.Kirange, Varsha Nemade	Predictive Modelling Of Brain Tumor Detection Using Deep Learning	Journal of Critical Reviews	2394-5125	Vol 7 pages 1805-1813 Issue 19	Sep 14 2020	Innovare Academics Sciences Pvt. Ltd	--	--	Yes	--

Research Publication in SCOPUS INDEXED JOURNALS

S. N.	Name of the Faculty Member	Name of the FDP	Date	Place	Organising Body / Inst.
1	Prof. Upendra Verma	AICTE FDP Online on "Cloud and Fog Computing platforms for Internet of Things Applications"	16th to 23rd Dec. 2020	online	NIT Warangal

Patent Information

S. N.	Name of the Faculty Member	Name of patent	Date	Patent application Number
1	Dr. Kamal Mehta	Intelligent Safety Apparatus For Ambulance Monitoring	22/08/2020	202021036252,
2		Remote Surveillance Espionage Through MANT-APP	27/07/2020	202041031964
3.	Shubham Joshi	A System For Trust Based Attacker Detection For Manet And Method Thereof	30-11-2020	202021052163.00

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.	Rehan Ahmad, Saban Ozturk, and Nadeem Akhtar	Variants of Artificial Bee Colony algorithm and its applications in medical image processing.	Applied Soft Computing	ISSN: 1568-4946	Vol. 97 (2020) 106799/ pp.01-29	October/2020	Elsevier, Finland	5.472	H Index (124)	Yes	SCI
2.	Dr. B. K. Mohanty	Parallel VLSI Architecture for Approximate Computation of Discrete Hadamard Transform	IEEE Transactions on Circuits and Systems for Video Technology	ISSN: 1051-8215	Vol.30, No.12, pp.4944-4952	Dec 2020	IEEE, USA	4.133	H Index (162)	Yes	SCI
3.	Dr. Manish Mandloi	Index Modulation Techniques for 5G and Beyond Wireless Systems (Book Chapter)	5G and Beyond Wireless Systems	ISBN: 978-981-15-6390-4	Online Version Available	October 2020	Springer, Singapore	SJR (In Process)	H Index (In Process)	Yes	----
4.	Dr. Manish Mandloi	Detection Techniques in Uplink Massive MIMO Systems (Book Chapter)	5G and Beyond Wireless Systems	ISBN: 978-981-15-6390-4	Online Version Available	October 2020	Springer, Singapore	SJR (In Process)	H Index (In Process)	Yes	----
5.	Shashikant Patil	Performance overview of an artificial intelligence in biomedics: a systematic approach	International Journal of Information Technology (IJIT)	ISSN (print): 2511-2112 & ISSN (online): 2511-2104	Vol.12, No.3, pp.963-973	Sept 2020	Springer, Singapore	SJR (In Process)	H Index (In Process)	Yes	----
6.	Shashikant Patil, Dr. Pravin Wararkar, and Mayank Kothari	Regularized Feature Plane Transformation for Cavities Detection in Dental Images	Solid State Technology	ISSN: 0038-111X	Vol. 63 No.6, pp.4757-4765	Nov 2020	Solid State Technology, Pennwell Corporation, USA	SJR (0.3)	H Index (25)	Yes	----
7.	Rahul Koshti & Manisha Singh	Adaptive Modulation and Coding Scheme for Physical Layer of Wireless Regional Area Network	International journal of emerging Technologies	ISSN No. (Print): 0975-8364 ISSN No. (Online): 2249-3255	Vol.11, No.4, pp.211-215	July2020	Research Trend, India	SJR (0.12)	H Index (03)	Yes	----

Faculty Development Programme

S. N.	Faculty	FDP	Date	Place	Organizing Body
1	Shashikant S. Patil	AICTE ATAL FDP on “Internet of Things”	5 th - 9 th Oct., 2020	Online Mode (IIIT)	AICTE-ATAL, New Delhi
2	Shashikant S. Patil	AICTE ATAL FDP on “High Performance computing using parallel distributed & Cloud Computing”	2 nd - 6 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
3	Shashikant S. Patil	Industrial Internet of Things	12 th - 16 th Aug., 2020	Online Mode (NITTE)	AICTE, New Delhi
4	Shashikant S. Patil	35th Indian Engineering Congress	18 th - 20 th Dec., 2020	Online Mode	Institution of Engineers (IE), India
5	Shashikant S. Patil	AICTE-ISTE Sponsored One-Week Online Induction/ Refresher Programme on “Internet of thing (IoT) Application”	23 rd - 28 th Nov., 2020	Online Mode (AICTE)	AICTE, New Delhi
6	Dr. Pravin Wararkar	TEQIP III One week Workshop(Webinar) on “Engineering Applications of Optimization Techniques 2020”(EAOT 2020)	5 th - 9 th Sept., 2020	Online Mode (NIT)	MHRD, TEQIP III, New Delhi
7	Dr. Pravin Wararkar	Recent Trends beyond 5G	19 th - 23 rd Sept., 2020	Online Mode (GEC)	MHRD, TEQIP III, New Delhi
8	Dr. Pravin Wararkar	AICTE ATAL FDP on “High Performance computing using parallel distributed & Cloud Computing”	2 nd - 6 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
9	Dr. Pravin Wararkar	AICTE ATAL FDP on “Cyber Physical Systems”	7 th - 11 th Nov., 2020	Online Mode (IIIT)	AICTE-ATAL, New Delhi
10	Dr. Pravin Wararkar	AICTE-ISTE Sponsored One-Week Online Induction/ Refresher Programme on “Internet of thing (IoT) Application”	23 rd - 28 th Nov., 2020	Online Mode (AICTE)	AICTE, New Delhi
11	Pankaj Gulhane	AICTE ATAL FDP on “Sensor Technology”	17 th - 21 st Aug., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
12	Pankaj Gulhane	AICTE Sponsored Short Term Training Program on “Machine Learning and AI for Applications in Language, Vision and Control”	7 th - 11 th Dec., 2020	Online Mode (AICTE)	AICTE, New Delhi
13	Rahul Koshti	One week Workshop (Webinar) on “Engineering applications of optimization Technique”	5 th - 9 th Sept., 2020	Online Mode	NIT Silchar
14	Rahul Koshti	One week AICTE Sponsored STTP on “Grid integration Techniques for electric vehicles”	14 th - 9 th Sept., 2020	Online Mode (AICTE)	AICTE, New Delhi
15	T M Shubham	AICTE ATAL FDP on “Electric Vehicle”	2 nd - 6 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
16	T M Shubham	AICTE ATAL FDP on “Sensors Technology”	23 rd - 27 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
17	Dr. Suresh Kurumbanshi	AICTE ATAL FDP on “Cyber Physical Systems”	7 th - 11 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi

• FACULTY DEVELOPMENT

Dept. of Electronics & Telecommunication Engg.

Faculty Development Programme

S. N.	Faculty	FDP	Date	Place	Organising Body
18	Dr. Suresh Kurumbanshi	AICTE ATAL FDP on “High Performance computing using parallel distributed & Cloud Computing”	2 nd - 6 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
19	Dr. Suresh Kurumbanshi	Recent Trends beyond 5G	19 th - 23 rd Sept., 2020	Online Mode (GEC)	MHRD, TEQIP III, New Delhi
20	Atul Patil	Advances in Biomedical Signal Processing with hands-on”	5 th -10 th Oct., 2020	Online Mode (AICTE)	AICTE, New Delhi
21	Dr. Suresh Kurumbanshi	Industrial Internet of Things	12 th -16 th Aug., 2020	Online Mode (NITTE)	AICTE, New Delhi
22	Suyog Vinayak Pande	Advances in Biomedical Signal Processing with hands-on”	5 th - 10 th Oct., 2020	Online Mode (AICTE)	AICTE, New Delhi
23	Suyog Vinayak Pande	Design and simulation of Miniature Antenna for IOT Applications	23 - 28 th Nov., 2020	Online Mode (AICTE)	AICTE, New Delhi
24	Suyog Vinayak Pande	Evolution of RF Electromagnetics from Microwave to mmWave Technologies	19 th - 24 th Dec., 2020	Online Mode	MHRD, TEQIP III, New Delhi
25	Rehan Ahmad	AICTE ATAL FDP on “Deep Learning and Artificial Intelligence”.	21 st - 25 th Sept., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi
26	Mayank Kothari	Engineering Applications of Optimization Techniques (EAOT 2020)	5 th -9 th Sept., 2020	Online Mode (NIT)	MHRD, TEQIP III, New Delhi
27	Mayank Kothari	Recent Trends beyond 5G	19 th -23 rd Sept., 2020	Online Mode (GEC)	MHRD, TEQIP III, New Delhi
28	Mayank Kothari	AICTE ATAL FDP on “Sensors Technology”	23 rd -27 th Nov., 2020	Online Mode (AICTE)	AICTE-ATAL, New Delhi

MOOC Courses/ NPTEL/ Swayam

S. N.	Name of the Faculty Member	Name of the FDP/Refresher Course	Date	Organising Body
1	Dr. Pravin Wararkar	Salseforce Certified Platform Developer I (SP20)	13 th August 2020	Kryterion Global Testing Solution,Trailhead, USA
2	Dr. Pravin Wararkar	Salseforce Certified Administrator (SU20)	10 th September 2020	Kryterion Global Testing Solution,Trailhead, USA

Patent Information

Sr. No.	Name of the Faculty Member	Name of patent	Date	Patent application Number
1	Prof. Parag Thote, Dr. Mohan Awasthy, Master. Rushabh Kulkarni, Master. Sarthak Shirke	Activity tracking system for child with clubfoot using braces	Published Journal No. 44/2020 and Journal date: - 31/10/2020	202021043328

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	Deepak Singh Baghel and Yogesh Bafna	Decentralized solid waste management for educational-cum-residential campus: A pilot Study	Springer Proceedings in Energy	-	Chapter 4	2020	Springer	-	-	Book Chapter	-

• FACULTY DEVELOPMENT

Dept. of Information Technology

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	S. Rout , Hitesh Mohapatra , Dhiraj Bhise , S.P.Patil, Amiya Rath	Smart Water Solution for Monitoring of Water Usage Based on Weather Condition	International Journal of Emerging Trends in Engineering Research	2347 - 3983	Volume 8 5335 – 5343	September 2020	WARSE			Yes	
2	Hitesh Mohapatra , Dhiraj Bhise , Pravinkumar B. Landge, Amiya Rath	A COMPARATIVE ANALYSIS OF CLUSTERING PROTOCOLS OF WIRELESS SENSOR NETWORK	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2249-8001	VOL - 10	ISSUE - 3 18-8-2020	TRANSSTEL LAR			Yes	
3	H. Mohapatra, S. Debnath, A K Rath, Pravinkumar B Landge, S. Gayen, R. Kumar	An Efficient Energy Saving Scheme Through Sorting Technique for Wireless Sensor Network	International Journal of Emerging Trends in Engineering Research	ISSN 2347 - 3983	Volume 8	Aug/ 2020	WARSE			Yes	

Faculty Development Programme

S. N.	Faculty	FDP	Date	Place	Organising Body
1	Mr. Dhiraj Bhise	Cloud Technology	02-11-2020 to 06-11-2020	Online	AICTE Training And Learning (ATAL) Academy Government Engineering College Gandhinagar Gujarat.
2	Dr. Nitin Choubey	Inculcating Universal Human Values in Technical Education	05-08-2020 to 09-08-2020	Online Workshop	AICTE
3	Mr. Manish Paliwal	Cloud Technology	02-11-2020 to 06-11-2020	Online	Government Engineering College Gandhinagar Gujarat.
4	Mr. Manish Paliwal	Block chain	07-12-2020 to 11-12-2020	Online	Amity University, Noida
5	Ms. Sonia Relan	Deep Learning and AI	21-09-2020 to 25-09-2020	Online mode	AICTE Training And Learning (ATAL) Academy online FDP by IGDTUW, Delhi
6	Mr. Pravinkumar Landge	Recent Trends and Applications in Biomedical Signal and Image Processing	21-09-2020 to 25-09-2020	Online	AICTE Training And Learning (ATAL) Academy online FDP by IGDTUW, Delhi online FDP by GH Raisonni COE Nagpur
7	Mr. Pravinkumar Landge	Cloud Technology	02-11-2020 to 06-11-2020	Online	AICTE Training And Learning (ATAL) Academy online FDP by Govt. Engineering college Gandhinagar Gujrat
8	Mr. Piyush Kumar Soni	Deep Learning and AI	21-09-2020 to 25-09-2020	Online mode	AICTE Training And Learning (ATAL) Academy online FDP by IGDTUW, Delhi
9	Ms. Pratiksha Meshram	Deep Learning & AI	21-09-2020 to 25-09-2020	(online live instructor – led)	AICTE Training And Learning (ATAL) Academy online FDP by IGDTUW, Delhi

• FACULTY DEVELOPMENT

Dept. of Information Technology

MOOC Courses/ NPTEL/ Swayam

S. N.	Name of the Faculty Member	Name of the FDP/Refresher Course	Date	Organising Body
1	Mr. Pravinkumar Landge	Internet of Things (IoT) Application, One week Online Induction/ Refresher Programme	21 Dec to 26 Dec 2020	Abha Gaikwad Patil COE Nagpur

Patent Information

S. N.	Name of the Faculty Member	Name of patent	Date	Patent application Number
1	Ritesh Dhanare +15	An Apparatus for Sanitization and Pasteurization of Eggs	17-07-2020	202021025300 & India
2	Ritesh Dhanare +15	A System for Agriculture Field Monitoring and Pest	24-07-2020	202021027373 & India

FACULTY DEVELOPMENT

Dept. of Mechanical Engineering

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	Ashish Mogra, Pankaj Kumar Pandey, Krishna Kumar Gupta	Influence of surface wettability and selection of coating material for enhancement of heat transfer performance	Materials Today: proceedings	22147 853	Online Version Available	03/12/20 20	Elsevier	NA	1.4	Yes	
2	Dinesh Shinde, Mukesh Bulsara, K.N. Mistry	Tribological performance of non-asbestos brake friction material in contact with brake disc of varying topography	Industrial Lubrication and Tribology	0036-8792	Vol. 72 No. 10/1277-1282	4/7/2020	Emerald Insight	0.991	1.6	Yes	SCIE journal
3	Dinesh Shinde, Mukesh Bulsara, K.N. Mistry	Multi Objective Optimization of Nano-composite Non-asbestos Friction Lining Material using Grey Relation Analysis (GRA)	IOP Conference Series: Materials Science and Engineering	1757-899X	1004/1-7	1/12/2020	IOP Science	NA	0.6	Yes	

Faculty Development Programme

S. N.	Faculty	FDP	Date	Place	Organising Body
1	Ankit Gupta	ATAL FDP on 3D Printing and Design	14/12/2020-18/12/2020	Online	NIT, Jalandhar
2	Praveen Kumar Loharkar	ATAL FDP on Data Science using Python	23-11-2020 to 27-11-2020	Online	Government Polytechnic Gandhinagar.
3	Rajendra Shimpi	ATAL FDP on 3D Printing and Design	14/12/2020-18/12/2020	Online	GMR Institute of technology, Rajam
4	Nishant Dhengre	Teaching and learning of Advances in Manufacturing Technology	30/11/2020-04/12/2020	Online	NIT, Warangal

Patent Information

S. N.	Name of the Faculty Member	Name of patent	Date	Patent application Number
1	Dinesh Shinde	Double wheel agricultural pesticide sprayer	10/12/2020	322879-001

• FACULTY DEVELOPMENT

Dept. of Textile Engineering

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	Dr. V. S. Shivankar, P. Kolte	Eco-sustainable bio-composite material	Man Made Textiles in India	11	48	Nov 2020	The Synthetic and Art Silk Mills Research Association			Yes	

Research Publication in Conference

Sr. No.	Name of the author/s	Presenting Author	Title of the paper	Name of the conference	Organising body	Date/Year	Venue of Conference
1	Dr. V.S. Shivankar and Prof. Sujit Gulhane	Dr. V.S. Shivankar and Prof. Sujit Gulhane	“Wicking behavior of polyester Filament Yarns used in Sportswear”	International Conference on Advances in Technical Textiles (ICATT-2020), (Online Mode)	Department of Textile Technology, Bannari Amman Institute of Technology, Sathyamangalam,	24-25th October, 2020	Bannari Amman Institute of Technology, Sathyamangalam

Faculty Development Programme

S. N.	Faculty	FDP	Date	Place	Organising Body
1	Prof Anup Karande	3D Printing And Design	07 to 11 September 2020	Online	ATAL/Sri Krishna College of Engineering and Technology Coimbatore
2	Prof Anup Karande	3D Printing And Design	14 to 18 September 2020	Online	ATAL/Bharti Vidyapeeth college of engineering Navi Mumbai

• FACULTY DEVELOPMENT

Dept. of Applied Sciences & Humanities

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	Govind R Rajput, Bipin P Jadhav, S. N. Salunkhe	"Magnetohydrodynamics boundary layer flow and heat transfer in porous medium past an exponentially stretching sheet under the influence of radiation"	Heat transfer	2688-4542	49 (5) / 2906-2920	July 2020	Wiley	-	-	Yes	-
2	Ashok Panigrahi	Working Capital Management and Corporate Profitability: A Panel Data Regression Model Analysis of Indian Cement Companies	Wutan Huatan Jisuan Jishu	1001-1749	XVI(XI)/ 244-267	Nov. 2020	Gai-Kan	0.85	H Index - 7	Yes	-
3	Ashok Panigrahi, Vijay Joshi	Outsourcing – The Modern Trend of Accounts Management	Wutan Huatan Jisuan Jishu	1001-1749	XVI(XI)/ 268-283	Nov. 2020	Gai-Kan	0.85	H Index - 7	Yes	-
4	Ashok Panigrahi, Vijay Joshi, Manish Pitke	Exploring use of Artificial Intelligence and Blockchain Technologies in achieving "Sustainable Development"	PENSEE	0031-4773	50(12) / 1422 - 1431	Dec. 2020	Espaces Marx	0.75	H Index - 3	Yes	-

MOOC Courses/ NPTEL/ Swayam

S. N.	Name of the Faculty Member	Name of the FDP/Refresher Course	Date	Organizing Body
1	Dr. Sugam J Shivhare	"AICTE Training And Learning (ATAL) Academy Online FDP on Nanotechnology"	28.08.2020	"VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR."

• FACULTY DEVELOPMENT

MPSTME Shirpur Faculty - Coursera Certificates Count

S. N.	Faculty	Coursera Certificate Count
1	Prof. Shashikant S. Patil	25
2	Dr. Pravin Wararkar	15
3	Prof. Rehan Ahmad	2
4	Dr. Radha Krishna Rambola	2
5	Dr. Kamal K Mehta	2
6	Prof. Varsha Nemade	3
7	Prof. Upendra Verma	2
8	Prof. Mayank Sohani	2
9	Prof. Sachin Chavan	5
10	Prof. Suraj Patil	4
11	Prof. Bhushan Inje	11
12	Prof. Dhananjay Joshi	11
13	Prof. Varun Deshmukh	4
14	Prof. Deepti Barhate	2
15	Prof. Sachin Bhandari	13
16	Prof. Sonali Borase	5
17	Prof. Shubham Joshi	6
18	Prof. Harshal Kotwal	2
19	Ankit Gupta	4
20	Praveen Kumar Loharkar	6
21	Rajesh Verma	2
22	Chandrakant Wani	2
23	Ashish Mogra	4
24	Dinesh Shinde	1
25	Rajendra shimpi	4
26	Nishant Dhengre	2
27	Dr. Nitin Choubey	6
28	Ms. Sonia Relan	3
29	Mr. Ritesh Dhanare	2
30	Mr. Piyush Kumar Soni	1
31	Mr. Pravinkumar Landge	2
32	Mr. Dhiraj Bhise	2
33	Mr. Manish Paliwal	2
34	Prof. Samir Mitra	4
35	Dr. Govind R Rajput	2
36	Dr. Vivekanand S Bagal	2
37	Dr. Santosh Bothe	2
38	Dr. Sugam J Shivhare	8
39	Dr. Malvika Sharma	3
40	Prof. Bipin Jadhav	3
41	Prof. Prakash Bhagat	5

• TAC Meetings

Dept. of Electronics & Telecommunication Engg.

TAC meeting was held on 21/12/2020 and 23/12/2020, at MPSTME, Shirpur Campus. Ph.D. Scholars of EXTC Dept. delivered presentation in TAC meeting. Ph.D. Scholars were-

1. Mr. Rehan Ahmad [Title of Research Work: Classification and Prediction of Stages of Kidney Health Using Ultrasound Images]
2. Mr. Sachin Sonawane [Title of Research Work: An Artificial Intelligent Grain quality evaluation System for Indian Grading Standard]
3. Mr. Mayank Kothari [Title of Research Work: Efficient Spectrum Management scheme for Multibrand Multiuser CRN]
4. Mr. Kiran Salunke [Title of Research Work: A methodology to protect MANET against application layer DDoS attack]
5. Mr. Nadeem Akhtar [Title of Research Work: Investigation of Remote Sensing Images using Deep Neural Network Analysis]

Dept. of Civil Engineering

Mr. Achal Agrawal delivered presentation in the TAC meeting held on 22-08-2020 in the department of Civil Engineering. His topic for the same was "Behavior of Self-Compacting Reinforced Concrete with Hybrid Fibres"

Dept. of Textile Technology

Department of Textile Technology has organized TAC meeting for PhD scholars of department on 31st October 2020 through online mode. Following two PhD scholars presented their work

1. Mr. Prafull Kolte: Theme of Doctoral work- "Development of Jute and Okra fiber-based new composite material for automotive bumper beam application".
2. Mr. Sujit Gulhane: Theme of Doctoral work- "Engineering Design of Man Made Fibrous Textile Structure to Optimize Thermal Comfort Properties"

PLACEMENT FRONT

Placement of Final Year Textile Technology Students



Textile Technology Student of MPSTME Placed in Rajashree Polyfil Ltd, Bharuch

Mr. Shrikrushna Mahajan, student of Final Year B Tech Textile Technology got Placed in Rajashree Polyfil Ltd, Bharuch (A Division of Century Enka Ltd).

Century Enka Limited, Pune was established in 1965 as a joint venture of B.K Birla group and Enka International (Akzo Noyal Group) of Netherland. Century Enka Limited (CEL) has two plant with the state of the art technology viz. century Enka Ltd. - Pune in Maharashtra & Rajashree Polyfil - Baruch in Gujarat. The company manufactures industrial and Textile grade yarns. It produce Nylon Tyre Cord Fabric (Greige & Dipped), Nylon Filaments yarn (Textile grade) and Polyester Filament yarn (Textile grade).

Centre for Textile Functions, MPSTME, NMIMS Shirpur Campus, conducted campus placement drive of Filatex India Limited, India on 13/02/2020 in which Final Year Textile Technology students Amol Dhangar, Gaurav Sharma, Ravindra Patil and Ravichandra Pal got selected as Graduate Engg. Trainee at Dhahej Plant. FIL is involved in manufacturing synthetic man-made fibres, FIL is a pioneer in manufacturing Mono Filament Yarns. FIL is also diversified into Special Polyester Filament Yarns like Micro Denier Polyesters, and in 2008 FIL started manufacturing Polyester Fully Drawn Yarn using modern machines from Barmag, Germany. In 2009, FIL installed 167 state of the art automatic needle looms for Narrow Woven Fabric (Malai Dori) with warping machines. It is a remarkable achievement of our students to get selected for such renowned industry, through this selection they got a good platform to succeed in their professional carrier. Dr. Nikhlesh Kumar Sharma Director (Engineering Programs) MPSTME Shirpur, Dr. P. P. Raichurkar Associate Dean CTF and Dr. Vijay Shivankar HOD Textiles Technology Department congratulated students for their selection.

INDUSTRIAL VISITS & SURVEYS

Computer Science



The Department of Computer Science, Mukesh Patel School of Technology Management & Engineering organized a one-day long educational visit to ESDS Software Solution Pvt., Nasik, Maharashtra on 6th of

February 2020 for Third Year students. ESDS has expertise in Managed Data Center Services, Managed Cloud Solutions, Virtualization and Disaster Recovery Hosting, which is backed with exuberant Technical Support that has helped ESDS build lifetime relationships with customers. Student got information about the campus and the workings of cloud network through a technical presentation by Mr. Harshal Patil at 1:00 PM. The Technical Head of ESDS Software Solution Pvt. Ltd. conducted very informative session for the students. The representatives also guided the students to select the areas like cloud development, virtual machine application development & software testing etc. and its importance in the software market.

Information Technology



Department of Information Technology organized Industrial Visit on 07 February 2020 which was coordinated by Prof. Prashant Udawant and Prof. Dhiraj Bhise. ESDS Software Solutions Pvt. Ltd. was visited by the students of IT 2nd year. The industrial visit started with a video presentation on cloud computing which covered topics like types of cloud computing and services provided. It was followed by question answer session in which the students participated actively and discussed about their queries. The industrial visit was beneficial for the students as they had practical experience of the topic cloud computing.

• STUDENTS' ACHIEVEMENT

Dept. of Electronics & Telecommunication Engg.

Participation in E-Baja Competition



Ms. Manasi Arya, student of 3rd year Electronics & Telecommunication Engineering, participated in E-Baja: Preliminary Round held on 12th to 13th December 2020. She represented Team SPECTre in the competition. This competition conducted by SAE India and hosted by Chitkara University, Chandigarh. She carried out the project work under the guidance of Prof. Praveen Kumar Loharkar [Assistant Professor, Mechanical Dept.]

UAS - NMIMS

Students of 2nd, 3rd & 4th year of Electronics & Telecommunication Engineering and Mechatronics Engineering participated in various preliminary competitions such as Swarm of drones, Computational Agriculture, Aero vaccine, Innovation for Defence Excellence (IDEX), NES, Obstacle avoidance and SUAS AUVSI'21. These competitions conducted by IIT Bombay, Nattrajan Education Society, Thanos Technologies Private Limited and SUAS AUVSI, Maryland, USA. Team UAS NMIMS consist of following students from EXTC Dept.

- 1.Suyash Joshi
- 2.Akshat Kotian
- 3.Anshul Kumar
- 4.Shivani Rai
- 5.Steven Charles
- 6.Akshay Hareendran
- 7.Ashutosh Agrawal
- 8.Yash Agarwal
- 9.Ashutosh Dhaka
- 10.Parimal Ingle



“Kaun Banega Udyogpati” Industry-Academia Conclave

Students of 4th year of Mechatronics Engineering, Miss. Pranisha Chaturvedi & Master Shashikumar Aghav participated in, "Kaun Banega Udyogpati" under Industry-Academia Conclave event at India International Science Festival 2020 (Virtual Event). This event was organized by DST.

Miss. Pranisha and Master. Shashikumar cleared preliminary round of quiz held on 22 Dec. 2020 wherein they competed against participants from all over India and secured their position in top 30 to make it to the final round of the quiz competition. Each of them was felicitated by Rs. 500 cash price and a certificate.

The final round of the competition was held on 24th December 2020 in which; Miss. Pranisha Chaturvedi secured overall 10th rank and Master. Shashikumar Aghav secured overall 14th rank. They carried out work under the guidance of Prof. Parag Thote [Assistant Professor, MXTC Dept.]

As we move into 2021 after coping with the new normal in 2020, an obvious turn of heads is towards what is in store for us in 2021.

Enhancing Employee Experience.

After a subdued working year went by, 2021 is seemingly a lean year for raise and bonuses.

As more and more enterprises reporting the negative growth, it's unlikely to have a year of such raises. However, some industries have started seeing green shoots in growth much earlier than expected such as automotive, Textile and Food Industries.

1. Opportunities for New Leaders.

The Very recent work culture of managing and leading people while being in physical presence has suddenly blurred into a virtual working world. This requires leaders with an enhanced understanding of technology and better HR skills. Either these skills will be required to be learned immediately or new leaders will be sought with these skills.

3. Diverse and Inclusive Workspace.

The virtual workspace has blurred the geographical barrier among the teammates. This will throw greater challenges among the HR leaders and Organization Leaders to manage such a team of diverse cultures, ethnicity, race, color, languages and human perceptions.

4. Learning for Development.

Every organization, big or small and every person experienced or novice will be required to continuously keep learning to stay competitive and relevant. As technology is evolving at a much faster pace than we can think of, learning is no more a choice but essential.

5. Talent Acquisition.

The mode of hiring which has moved from Physical to virtual will continue to evolve with better and better tools becoming handy with experience. This will also force HR leaders to adapt and innovate to attract, nurture and retain the talent pool, as every talent hired is vulnerable to poaching with remote working. Remote working will also put forward the challenge of developing company culture, which was human, centric but now will be more AI based. To know is to learn and to learn we need to acknowledge the need. So let's embrace the new normal with by acquiring skills to grow and flourish in the new normal era of life, with Covid Life.



INTERNATIONAL STUDY OPPORTUNITIES FOR MPSTME STUDENTS

For B. Tech. Students:

Study for 2 years at MPSTME and rest 2 years at leading universities in Australia:

- University of New South Wales
- University of Canberra
- Western Sydney University

B. Tech. awarded by NMIMS and MS/MBA Awarded by

- Stevens Institute of Technology

Summer School:

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

Internship in USA:

- CIEE – Council on International Educational Exchange

Global Alliances and Networks:

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

ALUMNI SPEAKS



Aditya Neema
Former Accenture
now Entrepreneur
Alumnus, B.Tech EXTC
Batch 2010-2014

"Ever since I graduated I have been advocating the Shirpur campus of MPSTME for numerous things and countless times. Faculties and their expertise, fellow colleagues and their company, college events and their experience on campus have greatly contributed in shaping my career and individuality. The technical knowledge imparted and interpersonal skills acquired here prepares a student to hit the ground running in the professional world. Speaking of the professional world, the placement cell ensures that the hard work of four long years is well showcased during the campus placements and is all set to be utilized and appreciated by corporates a student always dreams of. My gratitude towards MPSTME, Shirpur."



Bishakha Halder
Former L & T InfoTech
now Servify
Alumnus
2011-2016

Starting from the start, MPSTME's journey was quite promising, from refining personality, imparting knowledge, and getting ready for a professional world. The process starts from 1st year itself making a solid base and having basic knowledge of preliminary subjects throughout the year with which gave me a boost in my academic front and with various clubs like Debate Society etc., where common join of like-minded students similar interests came together and that fear of speaking at a larger forum was somewhat tackled to bring in a confidence within me to converse better and most importantly listen with utmost focus. The equal academic and non-academic mix which included to me in being a part of annual fest "Protsahan" to organizing it was an itself a beautiful journey and evaluations spread evenly throughout the year made sure there was very less pressure to mug up the subject and encouraged more on understanding the concept irrespective of subjects and faculties were very welcoming in taking up new methodologies to teach using the smart board. The placement season is said to be very stressful, which was quite a contrast here. Aptitude classes to brush up the basic concepts including GD were conducted in my 3rd year was a huge boost for me personally cracking not one but two of the most reputed companies during campus placements, the Placecom was very helpful especially the faculties were shrewd operators in analyzing my CVs and giving their feedback with one on one personal mentoring sessions conducted once a while. I was fully supported by my peers throughout and was accompanied by faculty in every process of my selections for companies. MPSTME Shirpur's experience to sum up was rainbow like, not all days were yellow, but I had every inch of support by faculties and peers in my not so good days, I faced rejection but was wonderfully cheered up by a family I had in MPSTME.

It might not always be clear how you will one day use the information you are learning, but chances are you will use that knowledge someday and somehow. I had the privilege of doing B.Tech Mech. (2014-2018) at the self-sufficient campus of NMIMS Shirpur. This place truly let me discover myself by providing an environment of growth and opportunities in every aspect. Learning engineering from subject experts, even outside of the regular curriculum invoked curiosity to learn more. Living on a top class campus fostered brotherhood among peers, let us indulge in interests like music (I formed my first band here) and pursue sports too. The campus cell is excellent and provides timely career guidance; I was placed at Tresvista even before I graduated. I also had the opportunity to appear for the Indian Navy University Entry Scheme in my third year. I am grateful for getting a wholesome education during my key years as an undergraduate at NMIMS Shirpur.



Ameya Bhalerao
Former Tresvista
now Sub Lieutenant -Indian Navy
Alumnus, B.Tech MECH
Batch 2014-2018

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