

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



From the Desk of Director (MPTP), Shirpur

Dr. Ram Gaud



It gives me immense pleasure to pen the prologue to the 9th issue of newsletter 'MPSTME Shirpur Live'. With our vision to achieve global excellence in knowledge economy, each member of the institute is passionate about his or her involvement. The knowledge economy that has emerged internationally needs both managerial and technical skills derived from appropriate training and exposure to real world challenges. We continuously endeavor to transform our vision into action through active participation of both students and Faculty Members in areas of relevance at Mukesh Patel School of Technology Management & Engineering, Shirpur. Further, I congratulate to all the contributors and the Editorial Team for bringing out such a beautiful and informative work.

From the Desk of Associate Dean (Engineering Programs- MPSTME)

Dr. Narayan Chandak



Mukesh Patel School of Technology Management & Engineering, Shirpur is always working on a mission to ensure that our students are industry ready, can take on the challenges of a global market and remain among the most preferred by the best employers around the world. The testimony of all these efforts is, “MPSTME Shirpur Live”. It gives me immense pleasure and pride to share the latest edition of this newsletter with you all. The Newsletter has presented record of various co-curricular and extracurricular 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 of Newsletter for putting in untiring efforts to bring out this edition of the Newsletter.

From the Desk of Editors – MPSTME Shirpur Live

Dr. Sanjay Shrivastava & Prof. Abhijeet Dawle

Thanks for having a glance over this issue of MPSTME Shirpur Live. The present issue showcases glimpses of events and activities in which MPSTME Shirpur Campus students, staff and faculty members were actively involved. It gives information on various trainings, faculty development programmes, conferences organized by different departments. We have made an effort to display all activities and achievements of students, staff and faculty members. In addition to campus events, the newsletter also summarizes the information on large number of industrial visits organized. The editorial team would like to extend its gratitude to all who have contributed in providing information of events and activities conducted in all departments.

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

FDP on “Fundamental Digital Skills for 21st Century Teachers”

A four-day Faculty Development Program (FDP) on “Fundamental Digital Skills For 21st Century Teachers” was organized by Innovative Entrepreneurship Development Center (IEDC) and the Department of Information Technology from 06th to 09th January 2020. Purpose of the FDP was to provide overview of digital technology for teaching-learning process to teaching professionals and to foster dialogue between teachers and learners with the help of Fundamental Digital Technologies. The FDP was inaugurated on 6th January in the august presence of Dr. Mohan Bhagwat as the Chief Guest. Dr. Bhagwat delivered a session on “Overview of IT-tools in e-learning” followed by two continuous hands-on sessions on “Effective Presentations” and “Remote Presentations” by Dr. Santosh Bothe. “Research Writing Tools and Presentations” was the theme on 7th January. Dr. Kapil Kumar Nagwanshi conducted two sessions on research writing using LaTeX tool and one session on research writing using MS Word. On 8th January, Dr. Ram Mangrulkar delivered an interactive session on “Google Class Room, Overleaf (Research Writing Tool, Plickers)” followed by two hands on session on it. On 9th January, Dr. Santosh Bothe delivered session on “Content Development and Authoring”. A session on “Content Development for Teaching Learning Process” was conducted by Dr. Payal Dande. The FDP ended with a summary by Dr. Santosh Bothe and address by Dr. N. K. Sharma (Director, Engineering Programs). Vote of thanks was delivered by Dr. N. S. Choubey, Head IT Department.



Online Intensive Training Program on “3D Printing-The next Industrial Revolution”

An online hands on Intensive Training Program (ITP) on, “3D Printing – The Next Industrial Revolution”, was organized by Department of Electronics and Telecommunication Engineering, NMIMS, MPSTME, Shirpur campus from 11th June 2020 to 13th June 2020 and the duration was approximately 02-03 Hrs/day. The main motive behind conducting this training is to inculcate knowledge related to 3D printing technology and give hands on exposure to slicing software. This Intensive Training Program (ITP) was free of cost for registration. Total 586 participants from India and abroad enrolled for the training program through online mode using Google form and the Certificate of Participation (E-Certificate) was awarded to 376 participants who attended the training program regularly for three days.

Mr. Parag Thote, Assistant Professor, Mechatronics conducted the training session under the guidance of Dr. B.K. Mohanty, Associate Dean (Research) & HoD, EXTC & MXTC. Mr. Sunil Patil, Lab. Staff, Rexroth Bosch Center of Excellence in Automation assisted training for 3D printer demonstration.



• CONFERENCE/FDP/WORKSHOPS/TRAINING PROGRAMS ORGANIZED

Arduino Workshop

One-day Workshop on “Arduino” was organized by Department of Electronics and Telecommunication Engineering, SVKMs NMIMS, MPSTME, Shirpur Campus on 08 February 2020 and the duration was approximately 08 Hrs. The Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNTT), also an initiative of MHRD, combines T10KT and Spoken Tutorial to provide large scale bended training. Participants of this workshop will be able to work with hardware by listening to appropriate spoken tutorial. Prof Kanan Moudgalya was the Project Coordinator, Teaching Learning Centre, IIT Bombay. Prof G. V. V. Sharma, Department of Electrical Engineering, IIT Hyderabad has designed tutorials for Arduino and was present throughout the Workshop. Faculty members from Electronics and Telecommunication Engineering, Information Technology and Computer Science and Engineering Departments attended workshop and designed various circuits such as ADC, LCD Display, Seven Segment Display, DC Motor control, Tricolour LED, Temperature and humidity Sensor interfacing with Arduino.



National Workshop on Recent Advances in Industrial Control

National Workshop on “Recent Advances in Industrial Control” was organized by Department of Electronics and Telecommunication Engineering, SVKMs NMIMS, MPSTME, Shirpur campus from 03rd to 05th January 2020 and the duration was approximately 08 Hrs/day. The main motive behind conducting this National workshop was to provide the necessary skillset in a capsule course from industry experts to participants interested in automation technology. Through this workshop, participants learned about Hydraulics, Pneumatics, Mechatronics, Robotics, Sensorics and PLC programming and their significance in industrial control. Objectives of this workshop were:

- Enhance Faculty expertise in the subject area of Industrial Automation.
- Recent challenges and limitations in industrial control.
- Significance in industrial control and related skill requirement.

This workshop was successfully conducted by EXTC Dept. by utilizing facilities at Bosch Centre for Excellence in Automation. This workshop was consisting of 5 resource persons and 27 participants.

Details are as follows:

Resource Persons:-

Mr. Chetan Rajdev (Head-Industrial Sales-South Region, Hydac India, Bengaluru)
 Mr. Sandip Chaudhari (Vice Pres. - R&D, Engine Busi., Greaves Cotton Ltd., Pune)
 Dr. Sachin B. Umbarkar (Lead, EATON Research Lab, EATON India Inno. Centre)
 Prof. Shashikant Patil (Associate Professor, EXTC Dept., MPSTME Shirpur)
 Prof. Suresh Kurumbanshi (Assistant Professor, EXTC Dept., MPSTME Shirpur)

Workshop Chair:-

Dr. B. K. Mohanty (Professor & Associate Dean (Research), HOD - EXTC/MXTC, MPSTME Shirpur)

Workshop Coordinators:-

Prof. Suresh Kurumbanshi (Assistant Professor, EXTC Dept., MPSTME Shirpur)
 Dr. Pravin Wararkar (Assistant Professor, EXTC Dept., MPSTME Shirpur)



- CONFERENCE/FDP/WORKSHOPS/TRAINING PROGRAMS ORGANIZED

3-Day Training Conducted on “CAD-CAM AND 3D PRINTING”

Mechanical Engineering Department of MPSTME, Shirpur organized a 3-Days training program specifically for the diploma level students on “CAD, CAM and 3D printing” from 27th to 29th January, 2020. The objective of the training was to open the doors of knowledge and the facility of NMIMS to the diploma level students, so that they could effectively understand the level and scope of the subject in their undergraduate course. To maintain the good pace of understanding only 30 students were allowed to participate which resulted into effective hands-on practice of related machineries. The training program was the combination of three very vital streams of Mechanical Engineering and actual manufacturing as required in the industries. Computer Aided Design includes the understanding of design with the help of computer helping the students to convert their ideas into virtual reality. Computer Aided Manufacturing is the use of computer to control the machinery through a high level of automation helps to speed up the process. 3D printing is the new form of manufacturing and has wide scope in almost every field of engineering as well as pharmacy, jewellery designing and medical applications. This technique helps to convert virtual reality into an actual physical model of the object. The training program was co-ordinated by Prof. Rushikesh Dandagwhal and Prof. Sudhir Chaurey. For this training workshop, 30 students participated from various colleges of Maharashtra and Madhya Pradesh. Training program was inaugurated in the presence of Dr. R. S. Gaud, Director, MPTP, Shirpur campus and Mr. Rahul Dande, Chief Accountant and Administrator, MPTP Campus. Dr. Rakesh Chaudhari, Head, Mechanical Engineering Department briefed about the training workshop and the available facilities in the campus to the participants.



Valedictory function was chaired by Dr. Narayan Chandak, Associate Dean, MPSTME, Mr. Rahul Dande, Administrator and Chief Accountant, MPTP Shirpur and Dr. Rakesh Chaudhari, Head, Mechanical Engineering Department. Prof. Rushikesh Dandagwhal presented the report of the three days of the training to the dignitaries and the participants. Followed by the certificate distribution to the participants by the dignitaries. Prof. Sudhir Chaurey delivered the vote of thanks to Management, Administrators of SVKM’s NMIMS, faculties, staff and the participants. Program was concluded with group photography.

Training On “Industrial Fluid Power & Automation”

A Three-Day training programme was organized for diploma engineering students from 14th to 16th of February 2020 by Mechanical Engineering Department, MPSTME, SVKM’s NMIMS, Shirpur Campus. Co-ordinators of the programme were Prof Vishal Fegade & Prof Rajendra Shimpi. Dr. Narayan Chandak, Associate Dean, Academics and Dr. Basant Kumar Mohanty, Associate Dean, Research, MPSTME Shirpur campus, were invited as the Chief Guests of the program. Dr. Narayan Chandak addressed the gathering on the various applications needed in designing automated system. Dr. Rakesh Chaudhari, H.O.D, Mechanical Engineering Department introduced need & applications of Automation Technology in his key note. The complete event was about introducing hydraulics & pneumatics applications in solving industrial problems. Dr. N. K. Sharma, Director (Engineering Program) MPSTME Shirpur campus was the Guest of Honor for valedictory function. He addressed the gathering on the need of automation in today’s world.



CAMPUS ACTIVITIES

Pariksha Pe Charcha (PPC-20): An Address by Hon. PM Shri. Narendra Modi Ji

Prime Minister Narendra Modi on 20th January 2020 interacted with students, teachers, and parents during his 'Pariksha Pe Charcha 2020' programme. The third edition of Prime Minister's interaction programme with school students 'Pariksha Pe Charcha 2020' was held at Talkatora Stadium in New Delhi. During the programme, PM Modi answered the questions and interacted with selected students about how they can beat examination stress. Around 2,000 students participated from all over India in the programme. The PPC -20 witnessed a lot of excitement and enthusiasm seen among the students, teachers and parents to not only participate in the unique event but also to receive valuable tips from the Prime Minister who is keen to ensure that the students take exams in a relaxed atmosphere and do not come under stress, to ensure better results in the long run. At SVKM's NMIMS Shirpur Campus, the live telecast of PPC-20 was organized for students. The Campus is equipped with smart boards in each class rooms having latest technology to play live telecasts in real time in the Lecture Rooms. The program was telecasted in all the classes as per the schedule of transmission on 20th January 2020 from 11.00 AM to 12.30 PM.



Matribhasha Diwas-2020



International Mother Language Day (IMLD) is a worldwide annual observance forming a part of UNESCO's calendar of events, held on 21st February to promote awareness of linguistic and cultural diversity and multilingualism. It was first announced by UNESCO on 17th November, 1999. It was formally recognized by the United Nations General Assembly (UNGA) in 2008. Our country has unparalleled linguistic and cultural diversity and fittingly, it is proposed to observe in India on 21st February, 2020 for events that promote our languages and the associated diversity of usage and literature. It has been decided to celebrate Matribhasha Diwas on 21st February every year, to promote the use of mother tongues. Keeping in line with the government's effort, Essay writing competition was held for the students of MPSTME, Shirpur Campus on 19th February, 2020 as the activity of Matribhasha Diwas-2020. The students were asked to write an essay on the topic "Cultural Diversity in India" in their mother tongue. Many students participated in the competition.

The Result is as follows.

Sr. No.	Student Details	Position
1	Dnyanada Nimbekar, First Year B.Tech EXTC	First
2	Mohammad Shakil Khatri, First Year B.Tech EXTC	Second
3	Priyanka Nahar, First Year B.Tech. IT	Third

CAMPUS ACTIVITIES

International Women’s Day Celebration on 8th March 2020

On the occasion of International Women’s Day –on 8th March 2020 an event was organized at MPSTME Shirpur Campus by Women Development Cell. The program comprised of various competitive activities. A large number of enthusiastic students of the school participated in events on 7th and 8th March 2020. The celebration was inaugurated with the speech of Chairperson, WDC, Dr. Malvika Sharma and further, competitive activities were conducted under the guidance of Women Development Cell members - Ms. Pratiksha Meshram and Ms. Deepti Barhate. The activities included slogan writing, street drama, quiz, and extempore for which topics were related to general women concerns such as in– law, security, safety, education, empowerment and other related issues. The girl-students took active participation in events which led to the success of the activity.



SWACHHTA PAKHWADA Cleanliness Drive for Swachh Bharat- 2020

In accordance with cleanliness, drive started by our Honorable Prime Minister, Mr. Narendra Modi, and the role of educational institution has been instrumental in realizing the mission of “Swachh Bharat.” As the academic institutions play a vital role in spreading the “Swachhta” awareness and implementation across the country, we at SVKM’s NMIMS, MPSTME, Shirpur Campus observed “Swachhta Pakhwada” from 1st February to 15th February 2020.

The drive included Slogan Writing Competition on three different activities namely

1. Slogan Writing Competition on Cleanliness/ Swachhta.
2. Slogan Writing Competition on Water Conservation/ Jal Sanrakshan.
3. Slogan Writing Competition on Forest Conservation/ Van Sanrakshan.

Dr Nikhlesh Kumar Sharma, Director (Engineering Program) inaugurated the competition enumerating the significance of cleanliness and how each one of us is responsible in making this drive successful. He also spoke on the value of cleanliness for our individual and personal leading to the dedication and contribution to the whole country cause. Life. He, in his noteworthy appreciation, mentioned the campaign as a daily discipline. Indeed the mass campaign has imprinted the young minds and their mentors with lifelong process for the cause of all. A Slogan Writing Competition was organized for the students so that the idea of Cleanliness gets deep rooted in the mind and action of the budding technocrats and to adopt to Swachh Vidyalaya Swachh Bharat Campaign. The competition was conducted on 11 February 2020. In total 287 students participated in the competition and a panel of judges scrutinized the slogan to find the best contributions.

A Slogan Writing Competition was organized on the theme of Water Conservation/ Jal Sanrakshan for the students so that the idea of significance of clean water consumption habits gets deeply inculcated into their minds. The competition was conducted on 11 February 2020. In total, 297 students participated in the competition and a panel of judges scrutinized the slogan to find the best contributions.

- CAMPUS ACTIVITIES

SWACHHTA PAKHWADA Cleanliness Drive for Swachh Bharat- 2020

A Slogan Writing Competition was organized on the theme of Forest Conservation/ Van Sanrakshan for the students so that the idea of significance of trees, contribution of trees in our environment and in our lives, and their conservation gets deeply inculcated into their minds. The competition was conducted on 11 February 2020. In total 304 students participated in the competition and a panel of judges scrutinized the slogan to find the best contributions.


AWARDS & ACHIEVEMENTS


Dr. B. K. Mohanty, Associate Dean (Research) and Head, Department of EXTC/MXTC, received “Best Paper Award for 2018”, Circuits, Systems, and Signal Processing, Springer, ISSN- 0278081X, Vol.39, No.1, January 2020.

Dr. Pravin Wararkar, Assistant Professor in Department of Electronics & Telecommunication Engineering, have elevated to the grade of “IEEE Senior Member” in June 2020. He successfully completed National Level Online certification on “Microprocessors and Microcontrollers” with 98% Score. This certification was conducted on NPTEL Swayam Platform in the duration January-April 2020.



Praveen Kumar Loharkar, Assistant Professor, Department of Mechanical Engineering, SVKM's NMIMS, MPSTME, Shirpur Campus received a coveted NPTEL Discipline Star Certification on 14th January 2020.

CAMPUS ACTIVITIES

Blind Code Event

CSI organized BLIND CODE during AMBIORA'20 held on 8th February, 2020 at 3:00 PM in ACN Lab under the supervision of Prof. Mayank Sohani. Mr. Sumit Bhardwaj and Mr. Yash Agarwal successfully conducted the event, where the participants were asked to solve a few algorithms without looking at the computer screens. A total of 35 students participated in the event to make it a success. DHRUMIL TALATI and VAIBHAV JAIN were declared as winners.

Technical Hunt Event

CSI organized BLIND CODE during AMBIORA'20 held on 8th February, 2020 at 3:00 PM in ACN Lab under the supervision of Prof. Mayank Sohani. Mr. Sumit Bhardwaj and Mr. Yash Agarwal successfully conducted the event, where the participants were asked to solve a few algorithms without looking at the computer screens. A total of 35 students participated in the event to make it a success. DHRUMIL TALATI and VAIBHAV JAIN were declared as winners.

DOUBLE OR NOTHING



CSI organized DOUBLE OR NOTHING during AMBIORA'20 held on 7th February, 2020 at 5:00 PM in LECTURE ROOM-19 under the supervision of Prof. Mayank Sohani. The event was successfully conducted by Ms. Kerin Pithawala, where a technical quiz was conducted. Participants were given some points in hand, which they can use to answer questions. Each correct answer got them double the points and wrong one would cost them the same. The event had a positive response with more than 25 students participating in it. Mr. Samyak Shah was declared as the winner for the event.

Code Hunt Event

CSI organized CODE HUNT during AMBIORA'20 held on 7th February 2020 at 6:00 PM in Programming Lab-1 under the supervision of Prof. Mayank Sohani. The event was successfully conducted by Mr. Shashwat Tare where students were given ambiguous code which they had to debug. Clues were given in each round, the ultimate goal was to reach the final destination. More than 30 students participated in the event, making it a success. Winners were Akanksha Yadav and Phalguni Bhatia.



Online Quiz Conducted on "Basics of Web Programming"

An online quiz was conducted by Information Technology Department for undergraduate students on "Basics of Web Programming" during 23rd -24th June 2020. The quiz was free with provision of e-certificate to the student with more than 60% score. Prof. Dhiraj Bhise was the faculty coordinator for the event. 273 students had participated in the quiz and 239 have qualified for e-certificates. Also 21 students had scored 100% marks.

Research Seminar

S.N.	Name of Faculty	Research Seminars
1.	Dr. B. K. Mohanty	Delivered Research Seminar on topic “Distributed Arithmetic Based Design for Inner-Product Computation” on 24th January 2020 at DSP Lab, EXTC Dept., MPSTME, Shirpur.
2.	Dr. U. Ragavendran	Delivered Research Seminar on topic “On-Chip communication Architectures” on 31st January 2020 at DSP Lab, EXTC Dept., MPSTME, Shirpur.
3.	Dr. Pravin Wararkar	Delivered Research Seminar on topic “FANET: Communication, mobility models and security issues” on 7th February 2020 at DSP Lab, EXTC Dept., MPSTME, Shirpur.
4.	Dr. Manish Mandloi	Delivered Research Seminar on topic “Multi-dimensional Index Modulation for 5G and Beyond Wireless Systems.” on 28th February 2020 at DSP Lab, EXTC Dept., MPSTME, Shirpur.
5.	Prof. Shashikant Patil	Delivered Research Seminar on topic “Comprehensive Assessment of Imbalanced Data Classification” on 6th March 2020 at DSP Lab, EXTC Dept., MPSTME, Shirpur.
6.	Prof. Atul Patil	Delivered Research Seminar on topic “Data Driven Clinical Support System through Content Based Image Retrieval” on 16th March 2020 at DSP Lab, EXTC Dept., MPSTME, Shirpur.

Publication

S.N.	Author	Title	Journal	ISSN No.	Volume	Pub. by	Impact Factor	Citation Index
1.	Dr. B. K. Mohanty	Efficient Diminished-1 Modulo (2n +1) Adder using Parallel Prefix Adder	Journal of Circuits, Systems, and Computers	ISSN (print): 0218-1266 ISSN (online): 1793-6454	Online Version Available	World Scientific Publishing, Singapore	0.94	H Index (27)
2.	Dr. B. K. Mohanty	An efficient parallel DA-based fixed-width design for approximate inner-product computation	IEEE Transaction on Very Large Scale Integration (VLSI) Systems.	ISSN (print): 1557- 9999 ISSN (online): 1063-8210	Vol.28, No.5, pp.1221-1229	IEEE, USA	1.94	H Index (101)
3.	Dr. U. Ragavendra n	Interpretation of intelligence in CNN-pooling processes: A methodological survey	Neural Computing and Applications	ISSN (print): 0941- 0643 ISSN (online): 1433-3058	Vol.32, pp.879-898	Springer, London	4.664	H Index (68)
4.	Prof. Suyog Pande	A Review of Techniques to Design Tunable Antenna Covered with Metamaterial	Springer Lecture notes in Electrical Engg. (Optical and wireless Tech.)	ISSN 1876-1100	Vol. 648, pp. 9-20	Springer, Canada	SJR (0.34)	H Index (03)
5.	Prof. Shashikant Patil	Parametric Analysis on Intelligent System with Dragonfly Optimization for Caries Detection	International Journal of Advanced Science and Technology	ISSN (print): 2207- 6360 ISSN (online): 2005-4238	Vol.29, No.11s, pp. 2877-2890	Science and Engineering Research Support Society, Australia	SJR (0.11)	H Index (03)
6.	Prof. Shashikant Patil	Deep Learning Techniques for Oral Diagnosis and Cavity Recognition : A systematic Approach	International Journal of Advanced Science and Technology	ISSN (print): 2207- 6360 ISSN (online): 2005-4238	Vol.29, No.9s, pp. 192-199	Science and Engineering Research Support Society, Australia	SJR (0.11)	H Index (03)
7.	Prof. Shashikant Patil	Comprehensive Assessment of Dental Cone Beam Computed Tomography (CBCT): A Systematic Approach	Test Engineering and Management	ISSN (print): 0193- 4120	Vol.83, pp. 16243–16256	Mattingley Publishing Australia	SJR (0.1)	H Index (05)

FACULTY DEVELOPMENT

Dept. of Electronics & Telecommunication

Faculty Development Programme

S.N.	Faculty	FDP	Date	Place	Organising Body
1.	Prof. Shashikant S. Patil	AICTE ATAL FDP on AI	22 nd to 26 th May 20	Online Mode (NIT Warangal)	NIT Warangal
2.	Prof. Atul Patil	Artificial Intelligence & Machine Learning and Its Application	18 th to 24 th May 20	Online Mode (NIT Patna)	NIT Patna
3.	Prof. Atul Patil	Modern Antennas for Wireless Systems	11 th to 15 th May 20	Online Mode (IITB)	NMEICT, IIT Bombay
4.	Dr. U. Ragavendran	How to Write Good Research Project Proposal	31 st May 2020	Online Mode (IIT Kanpur)	IIT Kanpur
5.	Prof. Suresh Kurumbanshi	STTP on 'Data Science & Learning system	24 th to 30 th June 20	Online Mode (NIT Kurukshetra)	NIT Kurukshetra
6.	Prof. Suresh Kurumbanshi	Workshop on "Arduino" at IIT Bombay	18 th January 2020	Online Mode (IITB)	ICT, IIT Bombay
7.	Prof. Ravindra Bhat	Workshop on "Arduino"	8 th February 2020	Online Mode (IITB)	ICT, IIT Bombay
8.	Prof. Mayank Kothari	Workshop on "Arduino"	8 th February 2020	Online Mode (IITB)	ICT, IIT Bombay
9.	Prof. T. M. Shubham	Workshop on "Arduino"	8 th February 2020	Online Mode (IITB)	ICT, IIT Bombay
10.	Prof. Pankaj Gulhane	Workshop on "Arduino"	8 th February 2020	Online Mode (IITB)	ICT, IIT Bombay

MOOC Courses/ NPTEL/ Swayam

S. N.	Faculty	FDP/Refresher Course	Date	Organising Body
1	Dr. Pravin Wararkar	Microprocessors and Microcontrollers	Jan-April 2020	NPTEL Swayam, IIT Madras
2	Prof. Atul Patil	Deep Learning	Jan-April 2020	NPTEL Swayam, IIT Madras

Dept. of Civil Engineering

Publication

S. N.	Author/s	Title of the article / research paper	Journal	Volume / Page no.	Year	Publisher
1	N. R. Chandak and H. R. Kumavat	Experimental study on behavior of normal strength concrete influenced by elevated temperatures	IEEE Explore	1-5	2020	IEEE
2.	H. R. Kumavat, N. R. Chandak and D. Jadhav	Experimental investigation on relationships between rebound index and compressive strength of cement concrete specimen influenced by physical factors	IEEE Explore	1-5	2020	IEEE
3	H. R. Kumavat, N. Chandak and D. Jadhav	Utilization of Clay Brick Waste Powder for Partial Replacement with Cement in Cement Mortar	Calcined Clays for Sustainable Concrete, RILEM Book series	25/ 95-103	2020	RILEM

MOOC Courses/ NPTEL/ Swayam

S. N.	Faculty	FDP/Refresher Course	Date	Organising Body
1	Dr. Narayan R Chandak	NBA Accreditation and Teaching-Learning in Engineering (NATE)	June 2020	NPTEL- SWAYAM

Additional Information from Civil Engineering:

- Dr. Narayan R Chandak delivered an expert talk in a webinar on "Structural Software for Analysis & Design-SAP 2000" organised by DMIETR, Wardha, M.S. on 18th June 2020.
- Prof. Achal Agrawal received financial assistance (Seed Grant) for the project entitled "Behaviour of Self-Compacting Reinforced Concrete with Hybrid Fibres" of Rs. 100000/- by the SVKMS' NMIMS University.
- Dr. Narayan R Chandak presented a research paper titled "Experimental study on behaviour of normal strength concrete exposed to elevated temperature" at International conference at HCT Dubai, 4-6th Feb.2020.



• FACULTY DEVELOPMENT

Dept. of CS & Dept. of IT

Publication

S.N.	Author	Title	Journal	ISSN No.	Volume	Date	Pub. By	IF
1.	Dr Kamal Mehta Dr Manisha Sharma Rajesh Tiwari	Dynamic Load Distribution to Improve Speedup of Multicore System Using MPI with virtualization.	International Journal of Advanced Science and Technology	2005-4238	Vol 29-PP 931-940	June 2020	Science and Engineering Research Support Society Australia	0.41
2.	Dr Kamal Mehta Dr Mohan Awasthy Prof Moon Banerjee	Mobile Robot Path Planning using Weight Grid Algorithm	International Journal of Control and Automation	2005-4297	Vol 13/PP 477-484	June 2020	Science and Engineering Research Support Society Australia	0.56
3.	Ritesh Dhanare, Varun Deshmukh, Soniya Madavi	An Efficient Algorithms For Wireless Network Using Cloud Computing	International Journal of Advanced Science and Technology	2207-6360	Vol. 29 No. 06	June 2020	Science & Engineering Research Support Society Australia	0.41
4.	Upendra Verma, Diwakar Bhardwaj,	Design of Lightweight Authentication Protocol for Fog enabled Internet of Things- A Centralized Authentication Framework	International Journal of Communication Networks and Information Security (IJCNIS)	2076-0930	Vol. 12	Aug 2020	International Journal of Communication Networks and Information Security (IJCNIS)	-

Faculty Development Programs

S. N.	Name of the Faculty Member	Name of the FDP	Date	Place	Organising Body / Inst.
1	Prof. Sachin Chavan	Deep Learning Part-1	4/1/2020	Online	IIT Madras
2	Prof. Mayank Sohani	Python 3.4.3 training	5/1/2020	Online	IIT Bombay
3	Prof. Deepti Barhate	Introduction to Machine Learning and data analytics	6-14 May 2020	Online	IIT roorkee
4	Prof. Upendra Verma	Patent Drafting for Beginners	Jul-Aug 2020	Online	IIT Madras
5	Prof. Bhushan Inje	One Day Workshop on Arduino	2/8/2020	Online	IIT Bombay
6	Prof. Suraj Patil	Introduction to Machine Learning and data analytic	6-14 May 2020	Online	IIT roorkee
7	Prof. Varsha Nemade	Introduction to Machine Learning and data analytics	5-13 May2020	Online	IIT roorkee
8	Prof. Dhananjay Joshi	ML and AI Using COVID-19 Data Analysis	16th and 17th May 2020	Online	IIT Rookee
9	Prof. Sachin Bhandari	Python 3.4.3 training	April 2020	Online	IIT Bombay

Patent Information

No.	Faculty	Name of Patent	Date	Patent Application Number
1	Dr. Radhakrishan Rambola	System of cyber security for a cloud environment with network visualization	06/03/2020	202011007706

MOOC Courses/ NPTEL/ Swayam

S. N.	Name of the Faculty Member	Name of the FDP/Refresher Course	Date	Organising Body
1	Prof. Shubham Joshi	Effective Engineering teaching practice	Jan-Feb 2020	NPTEL

FACULTY DEVELOPMENT

Dept. of Mechanical Engineering

Publication

S. N.	Author/s	Title	Journal	ISSN No.	Vol. / Page no.	Date/year	Publishing Authority	IF
1.	Vishal Fegade Kshitij Shrivastava, A. V. Kale, R. L. Shrivastava	Remanufacturing Feasibility of Bike Suspension by Hybrid TOPSIS - Taguchi Optimization	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2289-7879	71/ 125-133	MAY 2020	Akademia Baru	NA
2.	Ashish Mogra, Pankaj Kumar Pandey, Krishna Kumar Gupta	Enhancement of Boiling Heat Transfer Performance Using Nano Coating- A Review	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2289-7879	71/100-116	MAY 2020	Akademia Baru	NA
3.	Ramachandran Manickam, B. A. Modi	Optimization of Molding Process Parameter for Jute Reinforced Poly Lactic Acid Composite	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2289-7879	71/117-124	MAY 2020	Akademia Baru	NA
4.	N. Ganesh, P. Dutta, M. Ramachandran, A. K. Bhoi & K. Kalita	Robust metamodels for accurate quantitative estimation of turbulent flow in pipe bends	Engineering with Computers	14355663, 01770667	36/1041-1058	MAY 2020	Springer	3.551
5.	Susmita Naik R.D.Dandagwhal Praveen Kumar Loharkar	A review on various aspects of Kevlar composites used in ballistic applications	Materials Today: Proceedings	2214-7853	21/ 1366-1374	Feb-20	Elsevier	NA

Dept. of Information Technology

Publication

S. N.	Author/s	Title	Journal	ISSN No.	Vol./ Page no.	Date/year	Publishing Authority	IF
1	Ritesh Dhanare, Varun Deshmukh, Sonia Madavi	An Efficient Algorithms For Wireless Network Using Cloud Computing	International Journal of Advanced Science and Technology	2005-4238	Vol. 29, No. 6, (2020), pp. 8730-8733	June 2020	SERSC	NA

Faculty Development Program

S. N.	Name of the Faculty Member	FDP	Date	Place	Organising Body
1	Prof. Prashant Udawant	AI: Devices to Circuits	09-13 January	IIT Roorkee	IIT Roorkee
2	Ms. Pratiksha Meshram	Machine learning & Data Analytics using Python	05-13 May	(online live instructor –led)	Electronics & ICT Academy IIT ROORKEE

MOOC Courses/ NPTEL/ Swayam

S. N.	Name of the Faculty Member	Name of the FDP/Refresher Course	Date	Organising Body
1	Prof. Pravinkumar Landge	Programming in Java	July-Oct19 (*certificate received in Jan20)	NPTEL
2	Prof. Ritesh Dhanare	Programming for Problem Solving	20-06-2020	NPTEL Online Certification (IIT Kharagpur)

FACULTY DEVELOPMENT

Dept. of Textile Technology

Publication

S. N.	Author/s	Title	Journal	ISSN No.	Vol. / Page no.	Date / year	Publishing Authority	IF
1	Neha Patil, Tushar A. Shinde, A. M. Daberao, Anup Karande, P.W.Chandurkar, Dr. P. P. Raichurkar	Effect of time variation on shade in terry towel dyeing	Colourage	00101826	55-61	January 2020	Colour Publication Pvt. Ltd	0.02
2.	Jayraj Jadeja, Anup Karande, Dr. Vijay Shivankar, Dr. P.P. Raichurkar	Comparative analysis of comfort properties of polyester yarn with different cross-sections	Melliand International	0947-9163	1/20-21	March 2020	International Business Press Publishers	0.19
3	Dr. V.S. Shivankar, A. Mullah, I. Shinde, P.P. Raichurkar	Some studies on eco-friendly mosquito repellent finishes	Melliand International May 2020	09479163	101, issue 2/30-32	May 2020	International Business Press Publishers	0.19

Faculty Development Program

No.	Faculty	FDP	Date	Place	Organising Body
1	Dr Vijay Shivankar	Managing Online Classes and Co-Creating MOOCS 2.0	18th May to 03rd June 2020.	Online	Ramanujan College, University of Delhi (In Association with MHRD)

Dept. of Applied Science & Humanities

Publication

S. N.	Author/s	Title	Journal	ISSN No.	Vol. / Page no.	Date/ year	Publishing Authority	IF
1.	Charul Lautre, Shirish Deshapande, Santosh Bothe	"Artificial Intelligence : Modern Approach in stroke prediction (Awarded the best paper)	Proceedings of 3rd International conference Frontiers in pharmaceutical science and Research (PharmaSci 2020)	--	Online	1st - 2nd Feb 2020	PharmaSci 2020	NA
2.	Santosh Bothe, Mrunmayee Inamke, Uttara Patidar, Rutvi Ordia	Medical Image Analytics using Deep Learning (http://ijsrcseit.com/CSEIT206291)	IJSRCSEIT	DOI : 10.32628/CSEIT206291 ISSN : 2456-3307	Volume 6 Issue 2, pp. 314-318	2020	IJSRCSEIT	4
3.	Ganesh Narayanan, Milan Joshi, Prasun Dutta, Kanak Kalita	PSO-tuned support vector machine metamodells for assessment of turbulent flows in pipe bends	Engineering Computations	0264-4401	Vol. 37 No. 3, pp. 981-1001.	-	Emrelad	1.24
4.	Joshi M., Joshi D., Sharma V.	Persistent Homology Techniques for Big Data and Machine Intelligence: A Survey	Machine Intelligence and Signal Processing. MISP 2019. Advances in Intelligent Systems and Computing, Springer, Singapore	2194-5357/ ISBN 978-981-15-1365-7	97-111 Vol 1085	Jan' 2020	Springer	NA
5.	Sharma V.S., Patil P.V., Joshi M.A	Hamiltonian-Based Solutions of Certain PDE in Plasma Flows	Advances in Applied Mechanical Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore	2195-4356/ ISBN 978-981-15-1200-1	423-431	Jan, 2020	Springer	NA
6.	Badshah, P. Bhagat, S. Shukla	SOME COMMON FIXED POINT THEOREMS FOR CONTRACTIVE MAPPINGS IN CONE 2-METRIC SPACES EQUIPPED WITH A TERNARY RELATION http://www.vesnik.math.rs/inpress/mv2019_022.pdf	MATEMATICKI VESNIK	0025-5165	Volume 72, issue 3 (2020)	01.06. 2020	Mathematical Society of Serbia	No

• FACULTY DEVELOPMENT

Dept. of Applied Science & Humanities

MOOC Courses/ NPTEL/ Swayam

S. N.	Faculty	FDP/Refresher Course	Date	Organising Body
1	Dr. Vivekanand S. Bagal	Fundamentals Of Electronic Materials And Devices	Jan-Mar 2020	NPTEL
2	Dr. Sugam J Shivhare	Online Refresher Course In Chemistry For Higher Education	Sep-Dec.2019	SWAYAM
3	Mr. Bipin Jadhav	Introduction to Probability and Statistics	Jan-Feb 2020	IIT Madras, Swayam
4	Mr. Bipin Jadhav	Transform Calculus and its Applications in differential Equations	Jan- April 2020	IIT Kharagpur, Swayam

MPSTME Shirpur Faculty - Coursera Certificates Count

S. N.	Faculty	Coursera Certificate Count
1.	Prof. Shashikant S. Patil	50
2.	Dr. Pravin Wararkar	25
3.	Prof. Kiran Salunke	8
4.	Prof. Rehan Ahmad	7
5.	Prof. Parag Thote	6
6.	Prof. Suresh Kurumbanshi	5
7.	Prof. Ravindra Bhat	5
8.	Prof. Mayank Kothari	4
9.	Prof. Pankaj Gulhane	4
10.	Prof. Rahul Koshti	3
11.	Prof. Suyog Pande	2
12.	Prof. Sunil Chaudhari	2
13.	Prof. Atul Patil	1
14.	Dr. Narayan R Chandak	1
15.	Prof. Achal Agrawal	3
16.	Prof. Deepak Singh Baghel	3
17.	Prof. Sachin Chavan	10
18.	Prof. Mayank Sohan	3
19.	Prof. Dipti Barhate	3
20.	Prof. Varun Deshmukh	1
21.	Prof. Bhushan Inje	4
22.	Prof. Harshal Kotwal	2
23.	Prof. Suraj Patil	1
24.	Prof. Varsha Nemade	4
25.	Prof. Dhananjay Joshi	12
26.	Prof. Sachin Bhandari	8
27.	Prof. Sonali Borase	12
28.	M. Ramachandran	3
29.	Vishal Fegade	2
30.	Ashish Mogra	2
31.	Jeevan Kittur	7
32.	Dr. Nitin Choubey	19
33.	Prof. Pravinkumar Landge	4
34.	Prof. Ritesh Dhanare	3
35.	Prof. Dhiraj Bhise	2
36.	Prof. Manish Paliwal	3
37.	Prof. Piyush Kumar Soni	2
38.	Prof. Sonia Relan	2
29.	Prof. Pratiksha Meshram	2
40.	Dr Sanjay Shrivastava	2
41.	Dr. Govind R Rajput	4
42.	Dr. Vivekanand S Bagal	2
43.	Mr. Abhijeet Dawle	11
44.	Dr. Santosh Bothe	9
45.	Dr Malvika Sharma	4
46.	Dr. Sugam J Shivhare	13
47.	Dr. Pradeep Kumar Gupta	2
48.	Dr. Ashok Panigrahi	2
49.	Mr. Prakash Bhagat	7
50.	Mr. Bipin Jadhav	8
51.	Dr Vijay S Shivankar	07

• PLACEMENT FRONT

Placement of Final Year Textile Technology Students



Textile Technology Student of MPSTME Placed in Creative Group

Centre for Textile Functions, MPSTME, NMIMS Shirpur Campus, had conducted campus placement drive of Creative Textiles Pvt. Ltd, India on 5 May 2020 in which final year Textile Technology student Mr. Abhijit Patil got selected as Graduate Eng. Trainee at Vapi/Daman plant. Creative Textiles is the India's well known group of Textile industries. Creative Textiles is known as a leading manufacturer with world class manufacturing technology for different products. It is a remarkable achievement of our students to get selected for such renowned industry, by 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 Textile Technology Department congratulated Abhijit for his selection.

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

Department of Textile Technology

Students Achievement in National Level Poster Presentation



Textvision 2020, a National conference was organized by DKTE's Society's Textile and Engineering Institute, Ichalkaranji on dated 15th and 16th February 2020 where our B. Tech. Textile students participated. Mr. Kiran Patil and Mr. Suhas Panchal won third prize in Poster Presentation. The topic for the presentation was Snake bite protective socks (Poster presentation). Dr. Nikhlesh Kumar Sharma, Director (Engineering Programs), MPSTME Shirpur, Dr. P. P. Raichurkar, Associate Dean, CTF and Dr. Vijay Shivankar, HOD Textiles Technologies congratulated students for their participation and achievements.

Department of Mechanical Engineering

ASME's Asia-Pacific Human Powered Vehicle Challenge-HPVC 2019-20



Human Power Vehicle challenge (HPVC) is world's largest human powered vehicle event which started in year 2013 and is organized by American society of Mechanical Engineers (ASME). The objective of the event is to provide a platform to develop an efficient, swift and durable HPV that could potentially be manufactured commercially and would be a reliable and cost-effective replacement of conventional bicycles. Team PHOENIX led by Ritwik Jain, a student of 3rd Year B. Tech Mechanical Engineering represented NMIMS MPSTME, Shirpur Campus at the coveted "Asia Pacific Human Powered Vehicle Challenge (HPVC)" held at the Marwadi University, Rajkot, Gujarat from February 28th to March 01st, 2020. The team built an HPV after brainstorming a lot of different ideas and also keeping in mind the lessons learnt in previous years. The design based on an aim to build a fast yet safe HPV was selected and built. The team secured "5th" position overall out of top 50 teams which included teams from IIT Roorkee, IIT Patna, IEST Shibpur, NIT Patna, NIT Silchar and many other reputed institutes. These teams were shortlisted for final competition on the basis of qualification report.

Event Summary

Event Name- Human Powered Vehicle Challenge (HPVC)

Event Organizer- American Society of Mechanical Engineers (ASME)

Team Name- Team PHOENIX (Team comprised of 21 Student Members)

Vehicle Name- Agni

Faculty Advisor - Prof. Praveen Kumar Loharkar

Assistant Professor, Department of Mechanical Engineering

Team Captain- Ritwik Jain



• STUDENTS' ACHIEVEMENT

Dept. of Electronics and Telecommunication



Mr. Swaraaj Kulkarni, student of 3rd year Mechatronics Engineering, received appreciation from **Mahindra Excellence Centre** for developing “Low cost electronic device for checking front wheel alignment for Agriculture tractor”. He is recognized as “Mechatronics Trainer” at Indian Flying Labs as a part of global organization “We Robotics” which is focussed on encouraging innovative developments all around the world.



Students of 2nd, 3rd & 4th year of Electronics & Telecommunication Engineering and Mechatronics Engineering participated in TechnoXian World Robotics Championship organized by All India Council for Robotics and Automation (AICRA) at Thyagraj Sports Complex, New Delhi. Students carried the project work under the guidance of Prof. Parag Thote [Assistant Professor, MXTC Dept.]



Students of 4th year Mechatronics Engineering participated in Chhatra Vishwakarma Awards 2019 organized by All India Council for Technical Education (AICTE) at Oriental Engineering College, Bhopal. Students carried the project work under the guidance of Prof. Parag Thote [Assistant Professor, MXTC Dept.]

Students of 3rd Year Electronics & Telecommunication Engineering have prepared an Automatic Hand Sanitizer Dispenser through the TIP project. The aim of this project is to develop a prototype of Automatic Hand Sanitizer Dispenser which helps in curbing the spread of COVID-19. This is an Arduino based project which senses the presence of hand when it is in 15cm range, it automatically dispense the sanitizer without any physical touch hence restricting the contamination by touching. This project can be useful in institutions, public places at entrance and exit points to reduce the spreading from COVID-19. This project is guided by Prof. Suresh Kurumbanshi [Assistant Professor, EXTC Dept.] and Dr. B. K. Mohanty, [Associate Dean (Research) and Professor & Head-EXTC/MXTC Dept.]



TAC MEETING - EXTC Dept.

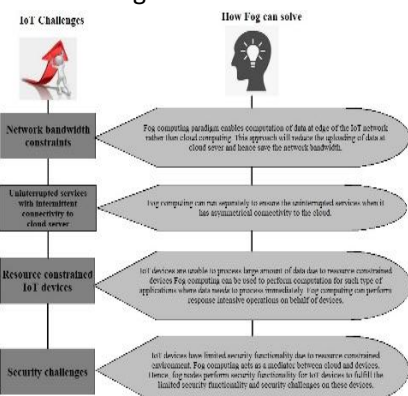
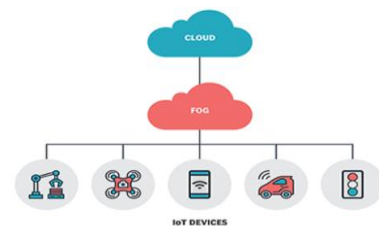
TAC meeting was held on 27/05/2020, at MPSTME, Shirpur Campus. Ph.D. Scholars of EXTC Dept. delivered presentation in TAC meeting. Ph.D. Scholars were-

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]

• FACULTY ARTICLE

Fog Computing for Internet of Things

The ability of current cloud model is insufficient to handle requirements of internet of things (IoT). Internet of Things is the open and resource constrained network and devices are unable to process large amount of data due to resource constrained. To deal with the issue of resource constraints, IoT is integrated with cloud computing but cloud has several issues such as high latency, high bandwidth latency and network traffic. To resolve these issues, fog computing has introduced which is closer to IoT devices. Fog Computing is the emergent architecture provides computation, storage and networking resources closer to network edge. Fog computing was first proposed by CISCO in January 2014. According to OpenFog consortium, “fog computing is the technology that distributes services and resources of computing, control, networking and storage anywhere along the continuum from cloud of thing”. The major characteristic of fog computing is to process IoT data locally rather than globally. Internet of things are growing exponentially and fog computing can solve many IoT challenges as shown in figure:



Fog computing can be used in some certain situations: The situations are:

- If IoT devices require faster response time for applications such as traffic light management and smart healthcare system.
- If data should be analysed in fraction of seconds.
- If millions of devices are generating data across a large geographic area.
- If data is collected at extreme edge i.e. shopping floors and vehicles

The generic fog computing architecture consist of three layers: Device layer (IoT thing layer), Fog layer and Cloud layer as shown in figure.

The universally accepted fog computing architecture is not defined till now. In literature, authors have proposed several architectures based on the requirements of type of service and application. The fog computing architecture is a high potential computing architecture for IoT applications but this computing paradigm is not mature due to various issues and challenges

By: Prof. Upendra Verma, Computer Science Dept.

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

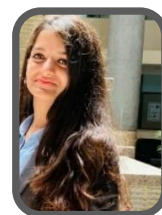
Internship in USA:

- CIEE – Council on International Educational Exchange

Global Alliances and Networks:

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

• ALUMNI SPEAKS



Mahima Kriplani
B.Tech. CS 2019

It wasn't just one thing about NMIMS that made it unforgettable for me but a mix of everything. Being able to take up the CSE curriculum was an integral part to setting a strong foundation to my learning. The skills I developed over the course of time helped me make a smooth transition from college to professional life. Each moment was a new learning experience, be it from the faculty or the peers. The placement was a breeze with ample opportunities provided to choose from for the right career path ahead. I'm extremely thankful to the institute and the placement executives for providing the right guidance to me. Looking back, I feel proud of the choice I made.



Kshitij Vats
Batch of 2019

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.

EDITORIAL TEAM

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Director, SVKM's NMIMS, MPTP, Shirpur Campus
Officiating Director (Engineering Programs) SVKM's NMIMS, MPSTME, Shirpur Campus

Editors:

Dr. Sanjay Shrivastava
Prof. Abhijeet Dawle

Graphics & Design:

Prof. Harshal Kotwal

Departmental Coordinators:

- Prof. Bhushan Inje (CS)
- Prof. Piyush Kumar Soni (IT)
- Prof. Dinesh Shinde (Mechanical)
- Dr. Pravin Wararkar (EXTC/MXTC)
- Prof. Abhijeet Dawle (Applied Science & Humanities)
- Prof. Anup Karande (Textile)
- Mr. Prassana Ojha (T&P)
- Prof. Achal Agrawal (Civil)



Contact Us



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