



FROM CHANCELLOR'S DESK

I am glad that NMIMS Shirpur Campus is committed in efforts to mould graduates in to self-motivated, self-reliant and socially sensitive professionals thus catering to the needs of Industry, Academia and Research.

The testimony to all this is the students' achievements, successful conduction of various campus level activities and participation at national and international level events. This newsletter is true reflection of their hardwork.

It is indeed a matter of pride that in a very short span, the Schools at MPTP Shirpur campus have been recognised and are being constantly awarded at national level for its prominence and quality in Techno-Management Education.



Shri Amrishbhai Patel
 Chancellor - SVKM's NMIMS



Dr. R. S. Gaud
 Director - SVKM's NMIMS,
 MPTP, Shirpur Campus

FROM DIRECTOR'S DESK

It gives me a great pleasure to share the Fourth issue of NM Shirpur newsletter for the readers. We, as a team are constantly moving forward towards achieving the vision of being a globally admired University. This newsletter is a reflection of efforts carried out by the students, faculty members and staff along with all the other stakeholders. The dedication and expertise of our faculty and staff members is evident through their contributions in overall development of the Campus. Few of these accomplishments are mentioned in the newsletter.

I am proud of all these achievers and confident that everyone will take an inspiration from them to achieve success in all endeavours. I also take this opportunity to extend my congratulations to the editorial team for bringing out this issue of newsletter in its present form and exhibiting different colours of campus on the educational canvas.

Wish you all the best.

FROM THE EDITOR'S DESK

It is indeed a pleasure for the editorial team to present Fourth issue of NM Shirpur Newsletter before the readers.

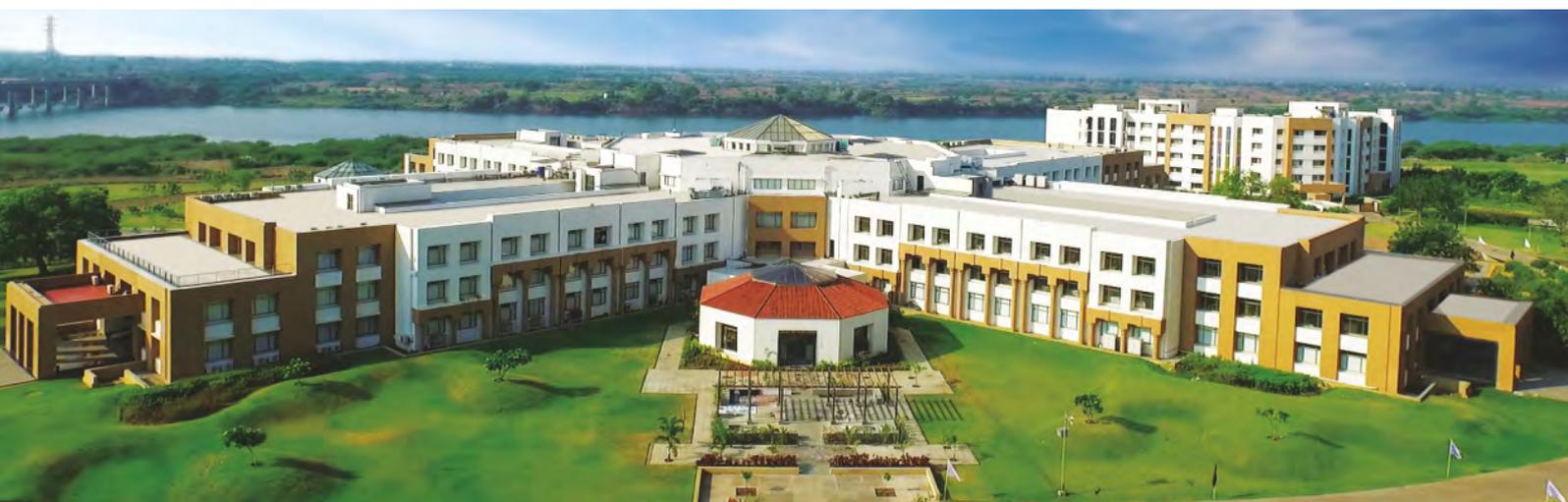
The newsletter portrays the plethora of talent and enthusiasm exhibited by our students in various co-curricular and extra-curricular activities through their commendable achievements while ensuring the academic rigour.

The present issue showcases glimpses of annual events such as Cultural Fest-'Protsahan' and Sports Fest-'Flavium' in which MPTP students, staff and faculty members were actively involved. It gives information on various trainings, faculty development programmes, conferences organised by different departments. We have made an effort to display all walks of campus activities and achievements of the students, staff and faculty members. In addition to campus events, the newsletter also summarize the information on large number of industrial visits organised for the students.

The editorial team would like to extend its gratitude to all who have contributed in providing information of events and activities conducted in the schools and departments.

EDITORIAL TEAM

Prof. Rakesh Chaudhari | Dr. Preeti Sangave | Dr. Sanjay Shrivastava



CONFERENCE ORGANISED

International Conference on, “Artificial Intelligence in Health Care”

The International Conference on, “Artificial Intelligence in Health Care” was jointly organized by SPTM, Shirpur, SPP-SPTM, Mumbai and MPSTME, Mumbai & Shirpur along with SVKM's Bhanuben Nanavati College of Pharmacy, Mumbai on 27-28 December 2016.

Over 300 national and international delegates attended the conference. Dr. Shailendra Saraf, Vice President Pharmacy Council of India, New Delhi inaugurated the conference. Shri Rajgopal Bhandari presided over the function. Dr. Sharad Mhaikar, Pro-VC, SVKM's NMIMS Mumbai, Dr. R. S. Gaud, Director SVKM's Pharma institutions & Director MPTP Shirpur Campus, Dr. Bala Prabhakar, Dean SPTM, Dr. Aaquil Bunglowala Associate Dean, MPSTME Shirpur and Dr. Ashwini Deshpande, Associate Dean, SPTM, Shirpur were present on the dais. The event was compered by Dr. Saritha Shetty, Dr. Payal Dande and Dr. Sanjay Shrivastava.

Dr. R. S. Gaud, Chairman of IC-AIHC 2016 delivered welcome address. Dr. Bala Prabhakar, Dean, SPPSPTM and Organizing Secretary of IC-AIHC 2016 presented the preamble to the conference. Dr. Sharad Mhaikar, Pro-VC, SVKM's NMIMS appreciated the efforts taken by organizing team of IC-AIHC 2016. Dr. Shailendra Saraf, Chief Guest of session emphasized on the utilization of artificial intelligence as a tool for early diagnosis and treatment approach in health care. Dr. Narendra Gore, Sector leader for Dev Ops/Cloud/Mobile Tiger Team for Distribution Sector in IBM – USA, delivered a lecture on “Applications of

Blockchains in Healthcare industry”. Dr. Vijaykumar, Curators' Distinguished Research Professor, University of Missouri-Kansas City, USA spoke on 'Electronic Health Record Management (EHR)' Dr. Parag Kulkarni, Founder, Chief Scientist and CEO of iknowlation, Pune, unfolded his expertise in Building machine learning based products. Dr. P. K. Chande, Ex-Director MANIT Bhopal, talked about “Efficacy of Artificial Intelligence & Knowledge Management in healthcare”. Dr. Balaji Ganeshan, CEO of TexRAD Ltd., Director of New Business at Feedback Plc, Senior Imaging Scientist, Brighton & Sussex Medical School and University of Sussex UK, described “Quantifying tumour heterogeneity with texture analysis on computed tomography and magnetic resonance imaging”. Prof Narendra S. Chaudhari, Director, VNIT, Nagpur, India spoke on “Language structure using fuzzy similarity”. The last plenary session of day one was followed by oral presentations by the participants. Best three presentations were awarded with a cash prize along with a trophy and certificate.

The second day started with plenary session on 'Virtual and Augmented Reality

in Life Sciences' by Dr. Tom Verhelst, Associate Director, New Medicine IT UCB Pharmaceuticals, London, UK. Further, Dr. Santosh Bothe, Professor, Bharati Vidyapeeth Pune delivered talk on 'Action plan for Internationalization of Advanced Health Research Centre'. Dr. Anjali Jaiprakash, Post-Doctoral Research Fellow at the Australian Centre for Robotic Vision and Queensland University of Technology, Australia shared her views about 'Bringing disruptive technologies to medicine and healthcare'. Dr. Parth Dey, Healthcare Leader and SME IBM India/SA India delivered a talk on 'Digitization in Healthcare Servicing'. Dr. Prashant Bansod, Head Biomedical Engineering, SGSITS Indore spoke on 'Medical Signal and Image Processing, Sensors & Instrumentation'. Dr. Shubhangi V. Rathkanthiwar, Head, Department of Electronics Engineering, YCCE, Nagpur, discussed about computational intelligence in wireless communications through artificial neural networks.

The conference proved to be a good platform for researchers, academicians and industrial personnel to share their research.



AWARDS AND ACHIEVEMENTS

Eco Kart 2017

The team 'Vulcan comprised' of 17 students from 3rd year, 2nd year and 1st year of Mechanical, Mechatronics and EXTC engineering participated in Eco Kart-2017. It is a well-known National level competition in which a students used to present their ideas through designed models of karts. This year the Competition is about designing and fabricating a single passenger battery operated Kart. This was the 4th season of the competition known as Eco Kart 2017. It was held from 28th Feb.-3rd March, 2017 at B.M.L. Munjal University, Manesar. The team were representing our institute in this competition for the first time and were able to qualify in various tests successfully. The team was guided by Praveen Kumar Loharkar, Assistant Professor in Mechanical Engineering.



ASME HPVC E-fest Asia Pacific 2017

The students of mechanical engineering department participated in ASME's E-Fest Asia Pacific 2017. The team's motto was to stand out from the rest of the crowd and present something new in the competition. The team built tricycle in which tilt was controlled manually. An aerodynamic fairing was also added to reduce aerodynamic drag and it was attempted to make the trike lighter. The competition started on March, 3rd 2017 with the technical inspection and design round. This round was very important as it decided the final ranks of the teams. The team delivered presentation in front of the judges. The team faced the drag qualification race successfully after the design event. The team secured 11th position for men's and 2nd position for women's drag event. Total 40 teams from different institutes participated in this competition. On 3rd day all the riders were given general and safety instructions during the drivers meet. Finally, the team was able to complete 27 laps and secured 9th position. It was a memorable event for the participating team of 32 students. All the students participated in the competition assured to perform better next year by making painstaking efforts.



AWARDS AND ACHIEVEMENTS

The AUVSI SUAS Competition

The AUVSI SUAS competition, held every year in Maryland, was attended by 54 groups of students and high school students from eight countries - the United States, Germany, India, Turkey, Poland, Canada, Israel and Romania. The competition focused on the theme of search and rescue mission of a missing traveler, and the planes that were built had to carry an autonomous air patrol system that could identify objects, avoid obstacles and more. Team UAS NMIMS, a group of 6 students led by Akash Agrawal from MPSTME participated in the competition. The students were guided by Prof. Nitin Choubey and Prof. Sachin Chavan.



MERCK SCHOLARSHIP to B Pharm Student

Ms. Mansi Bafna, B.Pharm. Student received prestigious "Merck Scholarship" worth Rs. 2 lakhs, for the academic year 2016-17. She was felicitated by worthy hands of Dr. R.S. Gaud, Director, MPTP Shirpur Campus in presence of Dr. Ashwini Deshpande. Dr. Bala Prabhakar, Dean, SPTM and Mr. Sunil Chaturvedi, Placement Director, encouraged the students for this avenue.

CTF, MPSTME Shirpur Students Secured Prizes in 'Vastra-17' @ VJTI Mumbai

Students of Center for Textile Functions secured 1st, 2nd and consolation prizes in different events of National Technical Symposium 'Vastra17' organized by Department of Textile Manufacturing, Veermata Jijabai Technological Institute (VJTI), Mumbai on April 8, 2017. In these events more than 100 students of Textile Engineering and Manufacturing College from all over India participated. The students of 3rd Year B.Tech (Textile) Suprit Borse and Mohit Joshi, secured 1st prize in Technical Quiz Competition. The students of 3rd year Diploma in Textile Jagdish Patil and Rahul Pawar secured 2nd prize in Poster Presentation, They presented poster on 'Recent Developments in Smart and Innovative Textiles'. Rajkumar Sisodiya and Sagar Kalal students of 3rd Year B.Tech Textile Engineering secured consolation prize in Paper Presentation. They presented paper on 'Global Scenario of Agro Textiles'. Sourabh Singh and Ganesh Marathe of 2nd Year B.Tech Textile Engineering, Kalpesh Patil and Harshal Shimpi of 3rd Year Diploma in Textile Engineering also participated in Vastra 17.



AWARDS AND ACHIEVEMENTS

CTF MPSTME Student Secured 2nd Prize in SDC EC's Young Talent Search

Center for Textile Functions MPSTME Shirpur, 3rd year Textile Engineering student Harish Patil secured 2nd Prize in SDC EC's Young Talent Search 7th National Students Competition 2017, Mumbai. The Society of Dyers and Colourists (SDC) is an international professional society, with headquarters in Bradford, United Kingdom, specializing in colour in all its manifestations. Harish Patil presented paper on 'Single and double bath dyeing of polyester/cotton blended fabric using disperse and reactive dye' on 4th March 2017.



CTF Student Secured 2nd Prize in Poster Presentation of Sfilata17 National Level Technical Symposium

The student of 2nd year Post Graduate Diploma in Textile Processing, Rohit Kumar Girase and Rahul Girase presented poster on "Nano Technology in Advanced Composite" and won 2nd Prize in Poster Presentation of Sfilata17, National level design and technical symposium organized by Jawaharlal Darda Institute Engineering and Technology, Yavatmal. In this event students from various textile institute presented latest developments in textile engineering and their applications in various engineering and fashion fields.

Civil Engineering students awarded for Best Paper Presentation in National Conference

The 4th year students of Civil Engineering, Mr. Kamal Deep Singh & Ms Manali Sherawat presented a paper on "Floating Concrete using Light Weight Aggregates-A Review Paper" and they won best paper presentation award at 'One Day National Conference:ETPSHM-17' organized by Dept. of Applied Science & Humanities organised on 18 February, 2017.



AWARDS AND ACHIEVEMENTS

CTF MPSTME Student Nominated for Reiter Award-2017

B.Tech. (Textile Technology) student Mr. Sahas Bansal was nominated for Rieter Award-2017. Reiter award is given to meritorious students carrying out quality research in Textile Manufacturing and Machinery developments. Total 4 students from all Textile Engineering colleges of India were nominated for this award. He was nominated for this prestigious award for his research work on "Characterization of Glass Fibre Reinforced Poly-Ether Ether Ketone (PEEK) Composites using Carbon Nano Filler as Bearing Cage Material for Textile Machinery" Guided by Dr. P. P. Raichurkar, Associate Dean, CTF MPSTME, Shirpur and Prof. Ramchandran, MPSTME, Shirpur.

GLCMUN 2017

Students of 1st Year B.Pharm. Vishwa Naik, Deepti Subramaniam, and Priyam Pandya; participated at Govt. Law College, Mumbai in Model United Nations GLCMUN '17, on February 16 – 18, 2017. Total 41 delegates of respective Council Countries discussed and debated for the world's betterment giving 41 different points of orders followed by documentation procedures and preparing the press reports putting forward our views and then being released.



Awards and Achievements of faculty members of SPTM

1. Dr. Ketan V Hatware, was awarded Ph.D. by Andhra University on 21st January 2017.
2. Dr. Sateesh Belemkar, honoured with Certificate of Full Membership to the Society of Toxicology, USA. This award is given on basis of research and publications in the field of toxicology followed by sponsorship by two eminent toxicology experts in Feb 2017.
3. Mrs. Meena Tilawat GPAT Exam 2017 Qualified with All India Rank 657 in Feb 2017.
4. Dr. Sateesh B. nominated as Chairman, Animal Ethics Committee, SPTM Shirpur by Ministry of Environment, Forests & Climate Change, Animal Welfare Division, CPCSEA, Govt of India, New Delhi.
5. Dr. Sateesh B. nominated as Socially Aware Member nominee to KVPS Institute of Pharmaceutical Education, Boradi, by Ministry of Environment, Forests & Climate Change, Animal Welfare Division, CPCSEA, Govt of India, New Delhi.
6. Dr Sateesh B. passed the Health Research Fundamentals, NIE-ICMR e-Certificate - Course with distinction (score 78%). The course & exam was conducted by National Institute of Epidemiology, Indian Council of Medical Research, Chennai, India.

Patents Filed by faculty Members

1. Dr. Sanjay Sharma, Dr. Ketan Hatware and Dr. Ashwini Deshpande filed a provisional patent on Anti- obesity agents, compositions and process for preparing the same.
2. Dr. Ketan Hatware, Dr. Sanjay Sharma, Dr. R.S.Gaud and Dr. Ashwini Deshpande filed a provisional patent on Novel anticoagulant agents, composition and process for the preparation thereof.

CAMPUS ACTIVITIES

University Foundation Day Program

On January 13, 2017, 14th University Foundation Day was celebrated with excitement, passion and enthusiasm.

In morning session, the main function was live telecasted from Bhaidas Hall, Mumbai. Chief Guest for the event were Mr. Pankaj Patel, Chairman and MD; Zydus Cadila and President FICCI, Shri Amrishbhai Patel, Hon. Chancellor SVKM's NMIMS and President SVKM, chaired the program. Other dignitaries on the stage were, Dr. Rajan Saxena, Hon. Vice-Chancellor SVKM's

NMIMS, Mr. Shalin Devatia, Joint Secretary SVKM and Mentor SVKM's NMIMS, Dr. Jayant Gandhi, Joint Secretary SVKM and Mentor SPTM, MPSTME and SDSOS, Dr. Sharad Mhaiskar, Pro-Vice chancellor SVKM's NMIMS and Dean MPSTME, Dr. Meena Chintamaneni, Registrar NMIMS.

The program began in a traditional way with Saraswati Vandana and lamp lighting. Chief Guest Mr. Pankaj Patel was welcomed and felicitated by Shri. Amrishbhai Patel. In his address Dr. Saxena, spoke about SVKM's NMIMS as a University. Dr. Pankaj Patel addressed the audience by emphasizing

that the present era will be of "VUCA" – the 'Volatile, Uncertain, Complex and Ambiguous'. He also appealed the students to look Entrepreneurship as a career option.

The University student council was launched on this occasion. The NMIMS Journal of Economics and public policy was unveiled. Dr. Sharad Mhaiskar announced different awards for excellence. Mr. Nikhil Shah, Accounts Clerk and Mr. Ravindra Mendhe Dy. Librarian, from MPTP, Shirpur Campus were awarded. Dr. Sharad Mhaiskar offered the vote of thanks. The morning session ended with the National Anthem.

Post Lunch Session

Second half of the program started with address by the Dr. R. S. Gaud, Director, MPTP campus followed by a series of technical talks.

Technical Talks by faculty members at SPTM:

- Dr. Vaibhav Dixit presented a session on "Research; How to prepare yourself".
- Dr. Sanjay Sharma, delivered a talk on; "Statistical tools".
- Dr. Ashwini Deshpande gave her talk on 'product NMIMS'. She talked what society is expecting from students of NMIMS and how they should be. She also emphasised on the fact that mere being a graduate in pharmacy or management, these students are the real ambassador of their professional identity, integrity, dedication and discipline.
- Dr. Sateesh B. (Chairman, Diploma Course) offered the vote of thanks. Program ended with National anthem.

The afternoon session was anchored by Dr. Amit Page.

Technical Talks by faculty members at MPSTME:

- Dr. Dr Nitin Choubey spoke about meaning of research and its objective, methodologies and factors to improve the quality of research".
- Prof Suresh Kurumbanshi talked about his research on mobile and Ad-hoc Network and its Application Areas.
- Prof Mahendra Soni spoke about the cloud computing and its intricacies.
- Dr. Sanjay Shrivastava summed up the session by talking about the Effective Presentation techniques.
- The programme concluded with the vote of thanks by Dr. K.K Gupta, Head Mechanical Engineering.

The session was coordinated and anchored by Prof. Rakesh Chaudhari.



CAMPUS ACTIVITIES

International Mother Language Day celebration

International Mother Language Day was celebrated at SPTM on February 21, 2017. The day commemorates social movement that was built on the spirit to defend the rights to write in one's mother language. This Day is being observed since year 2000 to promote peace and multilingualism. The organizers made the participants aware of the initiative taken by Government of India to promote and digitize content in all its 22 official recognized languages.



Cultural Fest- 'Protsahan-2017'

@ MPSTME:

A cultural Fest-'Protsahan 2017' was organized from 27th to 29th January, 2017. It started with 'Battle of bands' on a competitive note amongst three awesome bands: Aatank, Heathens and Dark matter at Auditorium with full of enjoyment. The auditorium was jam packed with enthusiasts, and the performances enthralled the crowd.

Following are the major events organized during the fest

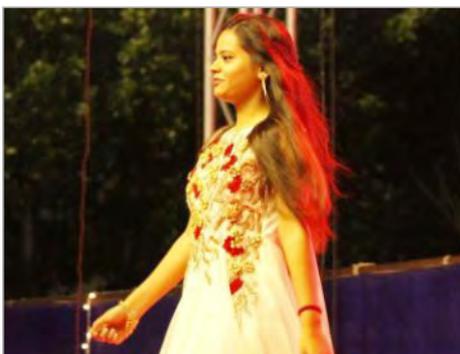
Fashion Show:

26th of January, the stage was set for students to showcase their fashion sense based on varied themes. Students presented their innovative ideas through participation.



EDM Night with Sunburn

On 28th January the evening started with the most popular music event of India, Sunburn. It was the most anticipated event of Protsahan. Well-renowned artists like DJ Shaan and The Unknown made the night worth remembering. The whole campus was draped in cheerful atmosphere with everyone rejoicing the beats.



CAMPUS ACTIVITIES

Nrityam and Melodia

Magnificent performances were given by two dance groups of our college, Dance Dukes and Beat Lockers. Many solo and duet performances also entertained the crowds. The young emerging talents of our campus competed against each other.

Group dance competition was held on 26th of January along with Solo, Duet performances. The next day, blissful voices reverberated in the auditorium on account of singing competition, Melodia. MPSTME Shirpur Campus under Protsahan 2017. Paintball, Sumo Zorbing, Human snooker and Hunger games witnessed phenomenal turnouts. One of the main attractions of

Protsahan '17 was the Paintball event held at the football ground. The players were split in teams consisting of either 6v6 or 4v4 in which their main objective was to avoid getting hit by the other team. Each game typically for 25 – 30 minutes. The hunger

games were a series of events modeled on a popular TV show, Takeshi's Castle. The stages were “climb the hill” and “Bite the bun”, which led to the final round: a grand scavenger hunt spanning the entire campus.



CAMPUS ACTIVITIES

@ SPTM:

The School of Pharmacy and Technology Management, Shirpur celebrated Annual Cultural Fest - "Protsahan 2017" on January 26-27, 2017.

The program included number of events like fashion show with themes-'Jamboree', 'Ethnicity of India', 'High School' and 'The Lampion show'. It also included dance and singing talent shows. The students of



Sport Fest- 'Flavium 2017'

@ MPSTME

Flavium'17 is an inter-departmental college level sports fest is organized annually in Shirpur Campus. This year it was organized from 7th January, 2017 to 28th January, 2017. The Sports Fest included 17 Events which were played between different branches (Mechanical, EXTC, Civil,



D.Pharm., B.Pharm. and M.Pharm. shown active and zestful involvement which was appreciated by the audience. The event was well organized by student committee under the guidance of Dr. Ashok Panigrahi.

The event was sponsored by Estrallas Life Sciences Pvt. Ltd, Gerrysun Pharmaceuticals, Apple Lifesciences, Aprica, Opsis Care, RPG Life Sciences Ltd.



Computer Science, IT) including the students of all the years.

The major events held under Flavium 2017 were: Cricket, Football, Volleyball, Basketball, Tennis, Badminton, Chess, Carrom, Table Tennis, Tug of war etc. One more highlight of the event is award of General Championship trophy. The departments secured positions as per the following order:

1. Mechanical Engineering
2. Computer Science
3. Civil Engineering
4. Information Technology
5. Electronics and Telecommunications Engineering
6. Mechatronics, Textile, Electrical Engineering



Any successful event is an outcome of the efforts put in by the organizing team. The team comprised of Student Core and Associate core members along with faculty incharges: Dr. Sugam Shivhare and Mr.Praveen Kumar Loharkar and Dr. Rakesh Bharti (Sports Officer) who worked under the able guidance of Dr. R. S. Guad, Director MPTP Shirpur Campus, Dr. Aaquil Bunglowala, Associate Dean, MPSTME Shirpur and support from Mr. Rajeev Dalal, Deputy Registrar, Mr. Rahul Dande, Chief Accountant and Administrator, and his team and Dr. Mahdi Farrokh, Director Sports.



CAMPUS ACTIVITIES

@ SPTM

The annual sports event Flavium 2017 for SPTM was organized in month of December, 2016. Number of sports events and competitions such as Basketball, Badminton, Lawn Tennis, Super Six, Football, Volleyball, Box Cricket and Athletic were organized. Majority of students and faculty from SPTM participated in the same. The sports events were successfully completed with the support of all faculty and staff members. The entire event was conducted under the guidance of Dr. Shirish Deshpande.



Prize Distribution of 'Protsahan-17' and 'Flavium-17'

A prize distribution function of Cultural fest- 'Protsahan', Technical fest- 'Ambiora' and Sport Fest-'Flavium' was organised on 18th April 2017 at Auditorium in the esteemed presence of Dr R.S. Gaud, Director MPTP Shirpur Campus, Dr.Aaqil Bunglowala, Associate Dean MPSTME Shirpur Campus, Dr. Mahdi Farrokh, Director Sports. Heads of all the departments and faculty members. Dr. R.S. Gaud enlightened the audience with his kind words and appreciated the organising teams for their efforts. All the winners were awarded with certificates, medals and trophies. Dr. Mahdi Farrokh expressed his views on the sports fest and future plans on expanding the horizons of the sports events at the campus. Finally, Department of Mechanical Engineering was awarded with the General Championship Trophy.

CAMPUS ACTIVITIES

International Yoga Day @ Center for Textile Functions

Centre For Textile Functions, Shirpur celebrated 3rd international Yoga Day with huge enthusiasm on 21st June 2017. The event started at 7.30 AM with the Yoga Demonstration, in which a large number of Students, Faculty and Staff participated. Yoga Expert Prof. R. G. Dorik demonstrated various asanas such as adrd chakrasan, padma hastasan, trikonasan, vrikshasana, bhujangasan, makarasan, dhanurasan, sarvangasan, chakrasan, pranayama, omkara meditation along with surya namaskara. Prof. R. D. Parsi coordinated the event.



EOSO: Each One Save One

The Social Responsibility Forum of MPTP- 'Each One Save One', organized an event at Deaf and Dumb School, Shirpur On January 17, 2017; with a motto to spread happiness amongst these children. The entire team of 'Each One, Save One' decided to carry out an event of Blanket Distribution. Later a cultural event by a group of girls of the Deaf and Dumb School showcased their talent through a dance performance. The event was co-ordinated by Dr. Payal Dande along with other faculty members and student volunteers.



TEDx Event

The event of NMIMS-TEDx was conducted by MPSTME students on 5th March 2017. The theme for TEDx event was "Make a Difference in & out". TEDx is a non-profit organization in which speakers from various domains share the stage on diverse ideas within the allotted time. TEDx NMIMS Shirpur also invited speakers

including television artist well-known comedian Kiku Sharda. To keep the audience thrilled, the Rang Drama Society of the campus presented a mime on Patriotic Theme in the first half. The second half was filled with fun as Tanay Malhara, a winner of a TV-Dance show performed. The college band also performed at the end of the show.



INDUSTRIAL VISITS AND SURVEYS

3rd Year MBA Tech (Mechanical) and B. Tech (MXTC) students Visited Mahindra Two Wheelers Ltd.

The students of 3rd Year MBA Tech (Mechanical) and B.Tech(Mechatronics) along with 3 faculty members visited. An introductory talk on Mahindra Group was delivered to all the students and faculty members by Mr. Mukesh Tiwari, DGM(MTWL). Later on two plant engineers Shri Mustafa Baig and Shri Ashish Gupta have escorted the two batches of students and faculties inside the plant for demonstration.

In addition, Mr. Mukesh Tiwari briefed on production range of various two wheelers viz. GUSTO, MOJO, Centro etc. He spoke about the value systems being followed at Mahindra & Mahindra. Various activities i.e production of various components like Main Oil tank, MIG and TIG welding of Fuel Tank components, assembly of various scooter components including painting was shown in details. Students visited Engine assembly and testing department. Students enjoyed the visit as it was useful for their practical knowledge.



3rd Year MBA Tech. (Mechanical) students visited at Nashik Engineering Cluster

An Industrial Visit to the Nashik Engineering Cluster (NEC) was organised for the 3rd Year MBA Tech (Mechanical) students on 3rd August, 2017. The team of 31 students and two faculty members visited the industry. All students visited to

shop floor and various sections such as CNC Centre, Metrology centre and Rapid prototyping laboratory. Demonstration on Rapid Prototype products made of metals and polymers were demonstrated by NEC. The Nashik Engineering Cluster is formed Under Industrial Infrastructure Up-gradation Scheme (IIUS), Ministry of Commerce & Industry, and Government of India. Primarily the set up was made to

support inadequate technological infrastructure is the neighbouring factories so that high cost of investment is avoided by the companies for small scale needs. This will also help in promoting technological capability by the local industries.

2nd year B. Tech & MBA Tech. Civil Engineering students organised Survey Camp

A survey camp was conducted for students of 2nd year B. Tech & MBA Tech. Civil Engineering Department on Feb 08, 2017 at Songir, nearly 25 Kms away from campus. In the camp, 55 students participated and were accompanied by 3 faculty members and 2 lab assistants. Main motive for this

camp was to make students familiar with the field work which is of prime importance for their overall growth, to make them understand difference between theoretical and practical work and difficulties arising during field work.

One day survey camp in which students were taken to the top of a hill named "Songir Hill" where they performed tacheometry and had an experience of working practically on a site, as faculty members taught them how to implement theoretical knowledge at site.



INDUSTRIAL VISITS AND SURVEYS

1st year B.Tech and MBA Tech students visited Deesan Textfab Ltd.

Students of 1st Year B.Tech (IT) and MBA Tech (IT) visited Deesan Textfab Ltd. along with faculty member 1st March 2017, 7th



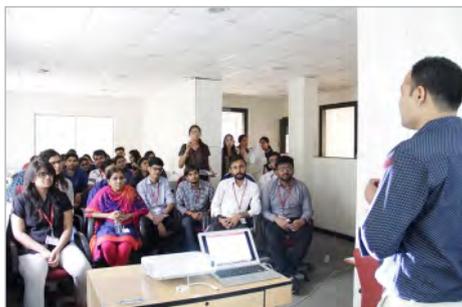
March 2017 & 9th March 2017. Technical guide at M/s. Deesan Textfab led them to the Yarn shop floor to demonstrate how threads from loom get in yarns through machines. The team was then taken to a shop where rolls of thread were made. Moreover, they also interacted with the IT

Team who briefed them about SAP (System Application product) and described various characteristics followed by future aspect in the mentioned field. The students were also made aware of the courses related to SAP, database etc. Thus, the visit deemed beneficial for the students.



2nd Year MBA Tech (IT) students - visited at IKF Pune

The industrial visit was done by 28 students of the class, who were accompanied by the faculty Mr. Ritesh Dhanare and Mrs. Varsha



Nemade. At company site the VP Mr. Ajit Ghule talked on how to represent our industry or brand to the outside world, how to understand other industries and find ways to create demand for them. The real life connection of examples made it very

easy for the students to relate to them. They were also briefed on how to increase the demand of a product using up sell and cross sell techniques.



Mechanical Engineering students visited Deesan Textfab Ltd.

A group of students of Mechanical Engg Dept. MPSTME, with faculty members visited M/s. Deesan Textfab Pvt. Ltd. on 14th January 2017 and 17th April 2017 for observing various plant processes of the

Textile industry. The students accordingly moved at various places of the plant and observed various textile processes. Students had noted various process timings. Students also noted the plant layout which was a part of their academic course along with material flows. All the students enjoyed the visit as it was useful to gain practical knowledge.



INDUSTRIAL VISITS AND SURVEYS

2nd Yest B Tech (Mech) students visited Nasik Cluster

An Industrial visit to Nasik Engineering Cluster (NEC), C-10, Ambad MIDC, Nasik



was organized for the B.Tech Mechanical Engineering 2nd Year Students on 17 April 2017. The students were guided by company officials. They discussed about



extended relationship with NEC in the form of MoUs pertaining to collaborative projects, industrial trainings programs for students, live academics projects, etc.



4th Year Civil Engineering students visited Highway Infrastructure Pvt. Ltd.

An industrial visit to Highway Infrastructure Private Limited was organised on 1st April 2017 for 4th year civil engineering students. A total of 29 students along with two faculty members visited the site located at Indore. Mr. Nitin Subedar Site Engineer of the company explained the construction of rigid pavement and Box culvert.



1st year EXTC and MXTC students visited Deesan Infrastructure Pvt. Ltd. and Dahiwad Textile Park

17 students of MBA Tech EXTC and 26 students 1st year MXTC & EXTC with faculty members visited Aadhesh TEX FEB Pvt. Ltd. Mr. Chetan R. Mahajan, H.R. Manager gave the overview of industry. Students visited various sections of the industry including yarn godown, wrapping, sizing, loom shed, inspection, folding & display.



4th year EXTC students visited BSNL Dhule

The department of EXTC organized an industrial visit to BSNL office on 27th March 2017 for B.Tech 4th year students. The sessions conducted during the visit were very informative and gave students exposure to the telecommunication market of India. The students were benefited with the technical terms and the knowledge of how a call setup is made using Landline and mobile phones. The company outreach plus opportunities were discussed which motivated the students to progress in their stream. The presentation session was conducted by: Mr. Kiran Bhamre, Technical Head of the BSNL office. He briefed about the services provided by BSNL. The session focused on call setup details via a landline Telephone. Further, he also briefed about Trunk Automatic Exchange (TAX) and various switching technologies used in telephony such as C-DOT, OCB-283, EWSD, AXE-10, SESS.



INDUSTRIAL VISITS AND SURVEYS

3rd year B Tech MXTC Department & 3rd year MBA Tech (Mechanical) students visited Mahindra Two Wheeler Ltd.

The Department of MXTC organized one day industrial visit to Mahindra two wheeler factory in Pitampur, on 24th February 2017 for 3rd year B.Tech. Mechatronics & 3rd year MBATech Mechanical students. Mahindra Two Wheelers Limited (MTWL) is a part of the

USD 17.8 billion Mahindra Group. They visited different sections such as manufacturing, assembly, QC, dispatch etc.

Students got opportunity to learn different processes used in the manufacturing & QC of two wheelers.



D.Pharm. students visited S.P. Pharmaceuticals, Jalgaon

An industrial visit of second year D.Pharm. students was organized at S.P.Pharmaceuticals, Jalgaon on 15 March, 2017. The owner of company, Mr. Sudeep Rane, briefed the company profile. The company produces liquid and solid orals and aerosols. After the interaction session, the students visited different

manufacturing departments comprising of storage facilities, manufacturing facilities, packaging facilities etc. The entire event

was co-ordinated by Dr. Shirish Deshpande, Mrs.Meena Tilawat and Mr.Kiran Patil.



D. Pharm students visited Indira Gandhi Memorial Hospital in Shirpur

1st and 2nd year D. Pharm students visited The Indira Gandhi Memorial Hospital in Shirpur on 6-7 February and 10-11 February, 2017 respectively. Mr. Mahajan, employee of Indira Gandhi Memorial briefed about the hospital including advanced facilities available. The students visited different departments such as out-patient, in-patient, orthopaedic, gynaecology, skin, dentist, ICU, PICU,

pathology lab, operation theatres etc. Later students visited the In-Patient pharmacy store, where the students got an opportunity to see the actual storage, purchasing and billing of drugs to patients. This was followed by a detailed discussion

with students about the role of hospital pharmacy in the hospital, drug distribution systems, inventory management, and medication errors. The event was co-ordinated by Mr. Kiran Patil and Mrs. Sravani Hatware.



B.Pharm. students visited BlueCross Pharmaceuticals, Nashik

The students of B.Pharm. visited BlueCross Pharmaceuticals, Nashik on 17 February, 2017. The students visited QC, QA, dispensing, manufacturing and packaging sections. Students were introduced to various large-scale pharma manufacturing equipments and their applications. The visit was co-ordinated by Dr. Smita Bonde, Ms. Meena Tilawat, Dr. Chandrakant Bonde and Mr. M.B. Shete.



WORKSHOPS

Workshop on NS-3

Department of Computer Engineering and Information Technology organized “One Day Workshop on NS-3” on 14th Jan 2017 for BTech and MBA Tech students of third and final year. The workshop was conducted in two sessions in which



detailed explanation of OSI layers, Adhoc network and NS3 was given. Prof. Shivaji Lahane, Assistant Professor, GES SCOE Nasik was invited as a resource person for this workshop. A sample program the simulation of wireless network was demonstrated. The detailed view of packets moving from a node to another by



broadcasting and the RTS, CTS and ACK signals were practically demonstrated. Then the Network Animator window explaining the mobile nature of the nodes and command for setting the coordinates was also described. The workshop was useful for those who want to work in networking field.



Workshop on PYTHON

Department of Computer Engineering and Information Technology organized “One Day Workshop on PYTHON” on 7th Jan 2017 for B.Tech. (CS) & MBA Tech (CS) students. Mr. Bhushan Inje & Mr. Ashwin Verma were the resource persons. This workshop focused on object oriented programming. In this workshop installation and setting up environment variable, types, Variables, and Simple I/O, for Loops, strings, and tuples, list and dictionaries, functions were discussed.



Workshop on R-Programming

Department of Computer Engineering and Department of Information Technology conducted one day workshop on LATEX on 7th January 2017. This workshop was organized for the students of B.Tech (CS) and MBA Tech (CS). Mr Anurag Joshi was the resource person. In the workshop students got hands-on exposure on basics of various LaTeX functions.

Workshop on Latex and its Application

Department of Computer Engineering and Information Technology department conducted One Day workshop on LATEX and Its Applications on 7th January 2017. This workshop was arranged for the faculty of MPTP Shirpur. The training-workshop was attended by 20-25 participants form MPTP Shirpur. Ms. Versha Nemade,

Mr. Prashant Udawant and Ms. Deepti Barhate worked as resource persons for this workshop. The outcomes of the training are, to enable faculties and researchers to acquire the knowledge in LATEX and to apply that knowledge to prepare documents for thesis, articles for journal, conference proceedings, book chapters, etc. and generating references list and bibliography in the documents.



WORKSHOPS

Workshop and Training on Disaster Management

A workshop cum training program on 'First Aid & Disaster Management' was held at MPTP, Shirpur Campus on 25th March, 2017 in association with Indian Red Cross Society [IRCS], Dhule. The Workshop was inaugurated with a welcome speech by Dr. R.S. Gaud Director, MPTP, Shirpur Campus, Dr. Aaqil Bunglowala, Associate Dean, MPSTME Shirpur Dr. Ashwini Deshpande, Associate Dean, SPTM Shirpur, Mr. Rajeev Dalal, Deputy Registrar, MPTP, followed by felicitation of members of IRCS. A team comprising of Mr. Ashok Patil, Mr. Rangrao Patil, Mr. Motilal Patil, Ms. Neeta Patil from IRCS, Dhule branch guided about disaster act 2005, different types of

disasters, and importance of first aid in various emergencies of life. This workshop was conducted in two sessions. Morning session was attended by students of B.Tech 4th Year EXTC, IT of MPSTME Shirpur along with D. Pharm 2nd year, B. Pharm 3rd year students of SPTM Shirpur, similarly B.Tech

4th year students of Computer, Mechanical, Civil Engineering attended afternoon session enthusiastically. Workshop was coordinated by Prof. Rehan Ahmad, Assistant Professor, MPSTME, and Prof. Ketan Hatware, Assistant Professor SPTM.



WORKSHOPS

ISTE Approved FDP on “Modernizing Teaching Practices in Pharma Education”

ISTE approved one week FDP was organized jointly by SPTM, Shirpur and SPP SPTM, Mumbai during 3-7 April 2017 at MPTP, Shirpur. The first day session started with inauguration by Dr. R.S. Gaud, Director, SVKM's Pharma Institutions and Director, MPTP, Shirpur Campus. Dr. Pramod K. Jain, GM-Quality Control, Syncom Formulation Ltd, Indore, delivered a keynote speech. Dr. Bala Prabhakar, Dean, SPTM, Mumbai delivered a talk on 'Pedagogical tools in teaching'. Dr. Prodyot Das, AGM-R&D, Torrent Pharma, discussed about 'PAT and QbD'. Dr. P. G. Shrotriya, Research Director SPP SPTM, Mumbai, shared his unmeasurable industrial and regulatory experiences.

On second day, Dr. Amit Page, Assistant Professor, SPTM, Shirpur delivered a

session on teaching methodologies. Further, Dr. Krishnapriya Mohanraj, Professor & Head Pharmaceutical Chemistry, BCP, Mumbai, spoke on “Conceptual Learning”. Post lunch session was started with hands on training of the flipped classroom technology, Dr. Smita Bonde Assistant Professor, SPTM, Shirpur. Dr. C.G. Bonde, Professor, SPTM, Shirpur and Dr. Payal Dande, Assistant Professor, SPTM, Shirpur demonstrated screen casting techniques.

The third day session included talks by Dr. K.S.Laddha, Professor, ICT, Mumbai, Mr. Yugal Sikri, Chairman-Pharmaceutical Management-SBM, NMIMS & Director-Pharma SPP SPTM, Mumbai, Dr. Yogesh Kulkarni, Assistant Professor, SPP SPTM, Mumbai, and Dr. Payal Dande.

On day four, Dr Sateesh B., Professor, SPTM, Shirpur, Dr Shirish Deshpande, Professor, SPTM, Shirpur, Dr. Pritam Jain, RCIPER, Shirpur delivered sessions on different

fields related to pharma. Mr. Pravin Jagtap demonstrated advanced attendance tracking App developed by him. Dr. Sayyad, Oriental College of Pharmacy, Navi Mumbai, also shared his experience. Prof. Varsha Fegade, Prof. Prashant Udwan & Prof. Ankit Dixit, Faculty, MPSTME, demonstrated LaTeX applications. On the fifth day the yoga session was conducted by Ms. Resha Patel. Dr. Ankur Jain delivered informative session on Internet Marketing.

Dr. Shirish Deshpande and Dr. Shashikant Bagade coordinated the program successfully.



Faculty Development Program Attended by Faculty Members

1. Mr. Mayank Sohani, Mr. Upendra Verma, Mr. Ankit Jain and Mr. Bhushan Inje, attended FDP on 'Cloud Security and Privacy' at National Institute of Technology, Goa during 12-18 Dec, 2016.
2. Ms. Versha Nemade and Mr. Piyush Soni attended FDP on 'Practical Application of Data Mining, IBM Blumix & IBM Watson' at National Institute of Technology, Goa during 5-9 Dec, 2016.
3. Dr. Nitin Choubey attended FDP on 'Introduction to Artificial Neural Network' at National Institute of Technical Teachers Training and Research, Kolkata during 27-Feb to 03-March, 2017.
4. Prof. Ashish Mogra attended One week QIP on 'First course in computational Fluid Dynamics conducted by IIT, Bombay from 29 May to 2 June, 2017.
5. Prof. Dinesh Shinde, Prof. Ankit Gupta and Prof. Praveen Kumar Loharkar attended STTP on 'Finite Element Methods: Research and Industrial Applications' from 1-6 June, 2017 at Department of Mechanical Engineering, VNIT, Nagpur.
6. Prof. Jeevan Kittur and Prof. Nishant Dengre attended one week QIP on 'Finite Element Method' conducted by IIT, Roorkee from 12-16 June, 2017.

CONFERENCE ORGANISED

National Conference on 'Emerging Trends and Practices in Science, Humanities & Management: Professional Education Perspective' ETPSHM'17

A National conference ETPSHM'17 was organized on 18 Feb, 2017 by the Departments of Applied Science and Humanities, MPSTME Shirpur. Dr. G. S. Mani, an alumnus of IIT Delhi who worked as Sr. Scientist in DRDO and former Director of Institute of Armament and Technology,

Pune was the Chief Guest for the conference. He delivered a talk on "Understanding complexity in nature-A journey". Mr. Tapan Mukherji, the Director of Tech-Force Composite Private Limited was the Guest-of-honour. He conducted a lucid talk regularity and irregularity, order and disorder in complex systems. Mr. Sanjeev Pillai, Chief Manager in Bharat Petroleum Corporation (Training and Development) was invited as the Distinguished Speaker where he spoke about emotional intelligence. The Chair and Co-chair of the plenary session were Dr Ashwini Deshpande Associate Dean SPTM

and Dr. P.P. Raichurkar Associate Dean CTF.

Later the technical sessions were conducted by Dr Aaquil Bunglowala and Prof Rajendra Agarwal. The event was full of learning and attracted very enthusiastic feedback from all the participants. Conference also attended by research scholars, academicians and industry delegates.

The organizing members were Dr. Malvika Sharma, Chairman, Dr. Sanjay Shrivastava, Convener and Dr. Sugam Shivhare, Organizing Secretary.



Conference Attended by Faculty Members

Prof. Rakesh Chaudhari presented paper entitled 'Finite element analysis of dissimilar metal weld of SA335 P11 and SA 312 TP 304 alloys formed by transition grading technique' at Department of Metallurgical and Materials Engineering, National Institute of Technology (NIT), Tiruchirapalli, India on 11 March, 2017.

BOOK CHAPTER PUBLICATIONS

- Praveen Kumar Loharkar, and Mohan Kumar Pradhan. "Modeling and Analysis of Cold Drawing Process: Parameters and Methods." In Handbook of Research on Manufacturing Process Modeling and Optimization Strategies, 40-53 (2017), IGI Publications.
- Prof Rehan Ahmed and Dr Nitin Choubey published Book Chapter-'Review on Image Enhancement Techniques Using Biologically Inspired Artificial Bee Colony Algorithms and Its Variants' in Lecture Notes in Computational Vision and Biomechanics, (LNCVB,Vol 25), Springer publication.
- Dr Nitin Choubey, published a chapter titled "Review on Image Enhancement Techniques using Biologically Inspired Artificial Bee Colony Algorithms and its variants" in book titled "Biologically Rationalized Computing techniques for image Processing Applications" LNCVB series of Springer.

EXPERT TALKS

Expert talk on Advances in 'Internal Combustion Engines'

Department of Mechanical Engineering arranged Expert Talk on "Advances in Internal Combustion Engines" on 13 April, 2017. Dr. Aaquil Bunglowala extended the floral welcome to the guests. Head of department Dr. K. K. Gupta introduced the expert Dr. A. Rehman, Professor-Department of Mechanical Engineering, Maulana Azad National Institute of Technology, Bhopal. Dr. A. Rehman spoke

about recent developments in IC engines and its applications in the field of automobiles. Faculty members, staff and

students Mechanical engineering attended the function. The vote of thanks was proposed by Prof. Rakesh Chaudhari.



Expert talk on 'Indian Silk Industry'

Center for Textile Functions, MPSTME organized expert lecture on 'Indian Silk industry' on 25 Feb, 2017 for Diploma in Textile Technology, 2nd year B. Tech. Textile, and Post Graduate Diploma in Textile Processing students. Mr. V. Ramesh, Deputy Director, Central Silk Board, Mumbai was the expert. In his lecture he explained about the importance of silk

fibre and allied industry in Indian economy. He also discussed about the identification of silk fiber and importance of Silk Mark.

He also conducted practical session on silk fabric identification where in students participated enthusiastically.



Expert talk on 'Recent Development in Weaving Machines'

Prof. Ranjit N. Turukmane (Assistant Professor in Center for Textile Functions, MPSTME, Shirpur) delivered expert lecture on 'Recent development in weaving machine' at the skill development program

organized by Dr. Annasaheb G. D. Bendale Women's College, Jalgaon. He discussed about the modern developments in various types of weaving machines and their roles in textile and fashion engineering. He also spoke about recent technological developments being adopted by the leading textile industries.



EXPERT TALKS

Expert talk on 'Need of ICT in Healthcare'

Dr. Santosh Bothe, Professor of Institute of Management and Entrepreneurship Development, (IMED,) Bharati Vidyapeeth, Pune delivered online talk on Need of ICT in healthcare on 18 March, 2017. 3rd year B. Pharm. and 1st year M. Pharm students attended the talk. He explained the need of ICT in health care and its future challenges. He also updated students regarding funding provided by European countries for the research.



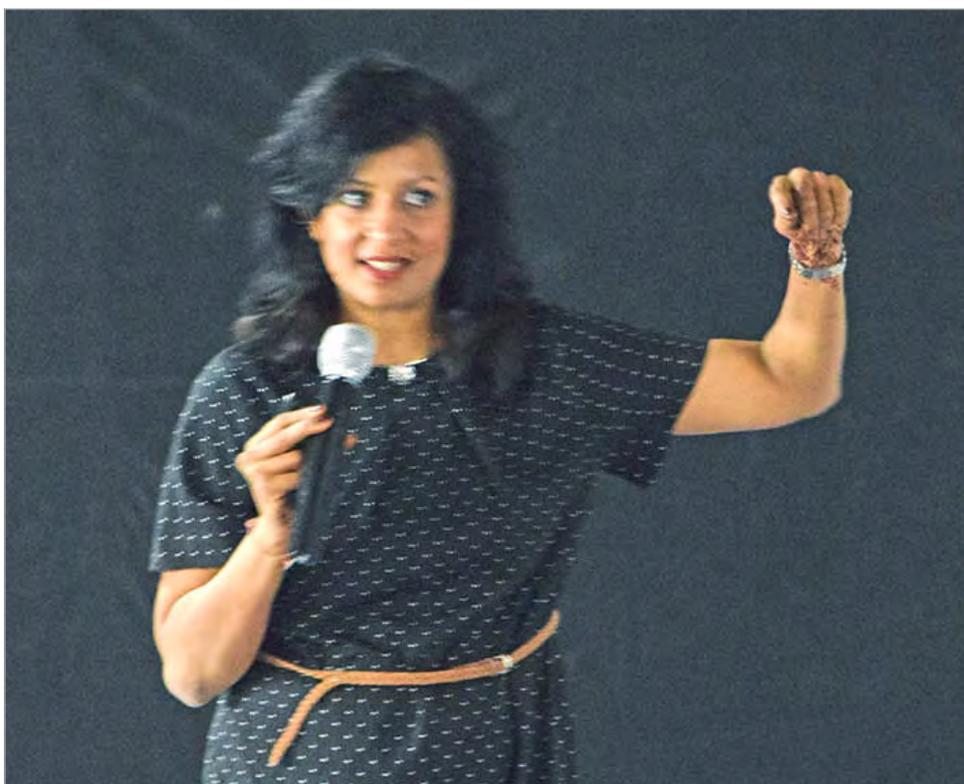
Expert talk on 'Process Validation & Equipment Qualification'

The lecture was delivered by Mr. Shashank Vyapari, General Manager of FDC Ltd., Mumbai, on the topic "Process Validation and Equipment Qualification" for PG students of SPTM. He spoke about the importance of process validation. He tried to link the theory of validation with vast industrial experience. It was a learning and interactive session for the students.



Expert talk on 'Higher Education Opportunities in Germany & Europe'

Ms. Niketa Dedhia Principal Consultant, Exponent Consultancy Services, was invited to speak on 'Higher Education Opportunities in Germany & Europe' on 27 March, 2017. Dr. Ashwini Deshpande, Associate Dean, SPTM Shirpur welcomed the speaker. Ms. Niketa Dedhia guided students about the opportunities of the Higher Education in Germany and Europe. The session was followed by Question – Answer round. At the end, felicitation of the Guest was done by Dr. R. S. Gaud, Director NMIMS Shirpur followed by vote of thanks by Dr. Nitin Choubey, Professor & Head – CE/IT Dept., MPSTME, Shirpur to all students, faculty and staff. The students, faculty and staff member attended the program.



SPOTLIGHT



Interview with Mr. Rajnish Gera

CEO Shirpur Power – 300 MW Power Project & Operations

Mr. Gera carries huge experience in the diverse fields related to Power Projects (Thermal & Renewable Energy) and Power Plant Operation along with Electrical, instrumentation & Mechanical Maintenance Energy Conservation Strategy for Renewable Obligation. He has expertise with Lean Tools Deployment, 5 S, Kaizen, TQM, TPM, DMAIC. He has leadership in running Power Plant businesses from end to end and responsible for Revenue & Profit, liaisoning with Govt. Deptt. Power purchase under Open access, bilateral & Group captive. He has worked closely with various leading consultants e.g., TPM club india, PWC, Eicher, Goldratt, Mckinsey, Pro act, Grow talent, E&Y, CEDAR, KPMG, Qimpro, Gherzi, Fichtner, Pratap Parikh, Mott mac Donald.

- Editor (Ed): **Mr. Rajnish, welcome. Please tell us about your professional career with energy sector.**
- Rajnish Gera (RG): I am basically Electrical engineer from Punjab Univ., Chandigarh (Guru Nanak Engineering College, Ludhiana) and certified B.O.E. from Punjab Boiler Board, Jalandhar. I am closely associated with Energy sector and worked 23 years with Trident Group in domains of Energy sector, Textile, Spinning, Engineering Maintenance, Paper, Power Plant Operation and maintenance, electrical, energy conservation, Power Project (Thermal, Solar) planning, execution & strategy. Also, I have exposure of heading Energy Business and Terry Towel business of Trident having turnover > 1700 Cr as CEO, which is part of 6000 Cr Trident Group and now leading 300 MW Shirpur Power project. I have completed planning & design of 2x 30 MW cogeneration power project, erection and commissioning of 49.4 MW cogeneration project and 3 MW Solar projects.
- Ed: **What role do you envision thermal power playing in Indian generation portfolio and power system over the next decade? What's your vision for its global role?**
- RG: About 66% of the electricity consumed in India is generated by thermal power plants. Approximately, 53.7% of India's commercial energy demand met through the country's vast coal reserves. The country has also invested heavily in recent years on renewable sources of energy such as wind energy. India has over 200 billion tons of coal deposits and the generation is mainly dominated by coal-based thermal power plants. As the coal reserves are not uniformly spread in the country, the country must focus on coal-fired thermal power plants to meet the demand and supply. There are two ways to boost their efficiency: one by establishing new and more power plants, and second to revamp and improve the existing ones. Setting up new power plants with supercritical and ultra-supercritical technology can help increase the efficiency of the thermal power plant.
- Ed: **What's your assessment of the energy policies in India now and what does it mean for a power generator like yourself, who is interested in moving the country in the direction of renewables?**
- RG: The Government of India has identified power sector as a key sector of focus so as to promote sustained industrial growth. Some initiatives by the Government of India to boost the Indian power sector have been launched like: Saubhagya scheme, implementation of Green Energy Corridor for transmission of renewable energy, new coal linkage policy, implementation of advanced ultra-supercritical technologies for cleaner coal utilisation and Scheme for Development of Solar Parks and Ultra Mega Solar Power Projects. India has become an associate member of the International Energy Agency (IEA), indicating India's growing prominence in playing an important role in the global energy dialogue.
- Ed: **What have been the main challenges in thermal power plant projects?**
- RG: The main challenges include round the clock power demand and availability of Coal at right price to meet the market expectations, the economical viable technology to address the environmental pollution challenges and to meet the regulatory norms of MOEF. Also thermal plants have limitations such as viability as a commercial project, geographical locations and conditions, system complexity, huge investments and challenges to balance the performance & operational costs.
- Ed: **Can you give us some background on the Shirpur thermal power plant, what is the generation capacity and where is the project in terms of its timeline?**
- RG: Sintex Power Limited has set up 300MW (2x150MW) Shirpur Power Private Limited (SPPL) thermal power plant. This project was conceived on merchant power sale model including own group power requirement and will be able to tie-up the complete net generation capacity by Group Captive requirement, through exchange, bulk industrial Consumers and Case-I bidding after achieving COD. Plant is envisaged for Blended Indian and Imported coal. Associates / Technology suppliers for the plant are: Bharat Heavy Electricals Limited, Simplex Infrastructures Limited, ABB, Thyson, Eureka, Paharpur, BSBK, Hemtek and Lloyd.
- Ed: **What is your comment on focus of the country toward a renewable energy future?**
- RG: In very remote areas where installing extensive grid is not feasible, power generation through renewable sources offers a viable solution for meeting the electricity needs. The various options for power generation through renewable sources are wind energy systems, solar photovoltaics, biomass gratifiers and small hydro-power systems, etc. Country now has to focus more to explore economical viable technologies to develop Renewable Energy sector and address environmental challenges too. The policies and initiatives needs to be strengthen further in this direction.
- Ed: **Can you explain your three-pronged approach to transforming the country's electricity system?**
- RG: Our approach should address all the concerns related to system considering various challenges in each technology. My three pronged approach to transform Electricity system would be- Technology to meet Environment concerns corresponding to Fuel availability at right cost, Efficient Transmission and Distribution and Energy conservation.

INAUGURATIONS

CAD Lab Inauguration

CAD Lab of Civil Engineering Department MPSTME, was inaugurated on 4 March, 2017 in the presence of Dr. R.S. Gaud, Director MPTP Shirpur Campus, Dr. Aaquil Bunglowala Respected Associate Dean MPSTME, Mr. Rahul Dande, Chief Accountant & Administrator and Dr. Narayan Chandak, Head of Department, MPSTME, Shirpur Campus along with all the faculty members of the department.



Pradhan Mantri Bharatiya Jan Aushadhi Kendra Inauguration

Pradhan Mantri Bharatiya Jan Aushadhi Kendra was inaugurated on 24 March 2017 at Mukesh Patel Technology Park Babulde, Shirpur by Dr R. S. Gaud, Director, MPTP, Shirpur Campus. On this occasion Dr. Ashwini Deshpande, Associate Dean, SPTM & Mr. Rajeev Dalal, Deputy Registrar, MPTP Shirpur campus were present along with SPTM Faculty and staff.



ALUMNI SPEAKS



'MPSTME is the foundation on which my career is based. Its excellence in teaching, its integrated curriculum, enhancing the personality of students and overall range of facilities provided are the key factors which is shaping the future of many students. Teachers have always been very motivating and guiding. I wish the University to continue its efforts and transform the education of this country.'

Ketan Shrivastava

B.Tech (EXTC)
System Engineer, Infosys



Shirpur Campus of SPTM, NMIMS offered me an amazing opportunity to pursue my B. Pharm. without the hustle and bustle of a city, while having all the required infrastructure. The extra time afforded by the campus life allowed me to conduct research and get published and also attend various national and International Conferences. It helped me build a good network and learn beyond the curriculum. The time I spent there was probably the most efficient span of my life and allowed me to grow immensely.

Mr. Sayantan Ray

B.Pharm.
Nielsen Healthcare Innovation, Mumbai