



MMMUT CHRONICLES

Quarterly Newsletter of Madan Mohan Malaviya University of Technology, Gorakhpur

तकनीकी शिक्षा की तपस्थली

Volume 5, Issue 1, July-September 2020

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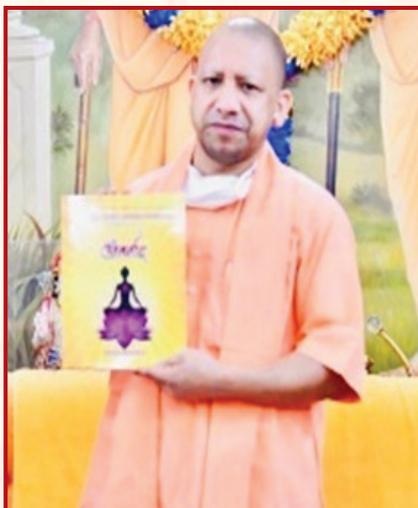
FROM VICE CHANCELLOR'S DESK

It is my pleasure to share with you the next issue of 'MMMUT Chronicles'. Until now, the newsletter was being published biannually. But given the scale and magnitude of our activities, we have decided to publish it quarterly so that we can reach our stakeholders much frequently. Built on the glorious legacy of erstwhile MMMEC, the University has progressed rapidly in past few years with seven UG programmes in Engineering, one UG Programme in Business Administration, PG programmes- MBA, MCA, MSc (Physics, Chemistry & Mathematics), M Tech programme in 12 specializations and full/part-time PhD programme in number of disciplines. The University plans to start B Pharm and B Arch courses in the coming years. I am happy to share that despite Covid-19 pandemic restrictions, there has been no decrease in our activities. The University successfully switched to online mode and all academic activities including teaching, seminars, lectures, interactions, examinations etc. are now being conducted online. State level Malaviya Entrance Test-2020 was successfully conducted and results declared with complete transparency. Academic activities of the session 2020-21 started as per prescribed academic calendar. All results were declared as per schedules notified in academic calendar. With the mammoth efforts of teachers, staff and students, University was ranked 183rd in NIRF and we have resolved to secure place among top 100 institutions of India in the coming years. The University has been granted UGC 12B status which has opened up new avenues for MMMUT. To ensure quality and relevance of its programmes, the University has also initiated the process of NAAC accreditation. Process of NBA accreditation of B Tech ECE Programme is already underway. Besides this, the University is also working towards streamlining its academic programmes in accordance with the provisions of National Educational Policy-2020. To ensure transparency, the University has initiated process of uploading all its marksheets and degree certificates on National Academic Depository. For the first time, the University has adopted one view system under which any student can access his entire result on Internet from anywhere in the world which was not the case earlier. The University is constantly working towards development of E-Governance system to ensure lower response time and high efficiency. To fulfil its mandate to serve society, the University has adopted five villages of Gorakhpur district under the 'Unnat Bharat Abhiyan' and working towards development of these villages into model villages. The University has also started publishing an annual Hindi magazine 'Antarnad' with the mandate to promote Hindi language. The University places high priority to the welfare of its students, faculty, and staff. A grievance redressal system has been implemented in which any student, faculty, or staff can personally meet the Vice Chancellor and discuss their problems. Our vision is to make MMMUT a world-class educational center of knowledge generation, acquisition and dissemination, and to educate and train people to work in fields where they will be valued both for their specialized knowledge and for their ability to research, communicate and solve problems for the benefit and welfare of the society.



- Prof J P Pandey
Vice Chancellor

UNIVERSITY LEVEL ACTIVITIES/ACHIEVEMENTS



Plantation Drive on Guru Purnima

A plantation drive was carried out in the University on July 5th, 2020 on 'Guru Purnima'. The plantation drive was inaugurated by Hon'ble Vice Chancellor Prof S N Singh. Faculty members, officers, and staff planted 500 saplings of Jamun, Mango, Teak, Eucalyptus etc. at various places in the campus. Hon'ble Vice Chancellor encouraged faculty, officers, and staff to plant and preserve as much trees as possible.



Release of Hindi Magazine 'Antarnaad'

First edition of annual Hindi Magazine 'Antarnaad', published by Hindi Cell of the University, was released by Hon' Chief Minister of Uttar Pradesh Shri Yogi Adityanath ji on July 6th, 2020 at Shri Gorakshnath Temple campus. The University aims to promote use of Hindi language in day to day life as well as in science and technology and publication of Hindi magazine is a step forward in this direction. The magazine covers reports of activities undertaken and major achievements of the University during the last one year. It publishes original contribution in Hindi language from students, faculty, staff, and alumni of the University.

Prof J P Pandey takes over as Vice Chancellor of MMMUT

Prof Jai Prakash Pandey took over as the next Vice Chancellor of Madan Mohan Malaviya University of Technology, Gorakhpur w.e.f. July 27th, 2020. He succeeds Prof Sri Niwas Singh and happens to be the 3rd Vice Chancellor of MMMUT. Hon'ble Chancellor of MMMUT and Governor of Uttar Pradesh Smt. Anandiben Patel appointed him as the new Vice Chancellor for a period of three years from the date of joining. Prior to joining as Vice Chancellor of MMMUT, Prof. Pandey has served as Director of Kamla Nehru Institute of Technology, Sultanpur and Controller of Examinations, Dr A P J Abdul Kalam Technical University, Lucknow. Prof Pandey earned his B Tech & M Tech degrees from Dr RML University, Ayodhya and PhD degree from Uttar Pradesh Technical University. He was nominated for National eGovernance Excellence Award in 2013 by the Govt. of India and International Star for Leadership in Quality Award by BID Quality Awards, Paris.



Development of Automated Electronic Irrigation System

Rahul Singh, Young Scientist working in the Design Innovation & Incubation Centre of the University under the guidance of Prof Jeeoot Singh, Professor in Mechanical Engineering Department has developed an Automated Electronic Irrigation System. The system is unique since it is equipped with a sensor that would monitor water needs of the crops and start irrigating when needed.

NAAC Accreditation

The University has initiated the process of NAAC Accreditation. Self-Study Report has been prepared and shall be soon uploaded on NAAC website. A NAAC Coordination Committee has been formed at the University level to look after the work related to accreditation.

NBA Accreditation of B Tech Electronics & Communication Engineering

The University is in the process of securing NBA accreditation for its B Tech Electronics & Communication Engineering programme. The University has already prepared the Self-Assessment Report and submitted it to NBA and expects the NBA Expert Team to visit the campus anytime soon. B Tech CSE, B Tech CE, B Tech EE, and B Tech ME programmes are already NBA accredited.

MET-2020 conducted successfully

The University successfully conducted its state level entrance exam 'Malaviya Entrance Test- 2020' (MET-2020) on August 8th, 2020 for admission to its various UG/PG courses in Engineering, Science & Management. MMMUT was the first state technical university of UP to successfully conduct its entrance exam amid Covid-19 pandemic restrictions. The University ensured strict observance of Covid-19 safety protocols by those involved in the conduct of examinations as well as those appeared for it. MET-2020 was conducted on 40 centers in 13 cities of Uttar Pradesh. Despite Covid-19 Pandemic restrictions, MET-2020 witnessed a good turnout as 75 to 80% candidates appeared for the exams. Results of MET-2020 were declared on September 2nd, 2020 and online Counselling began on September 19th, 2020.



UGC 12B Status granted to MMMUT

The University has been granted 12B status by University Grants Commission, New Delhi. Based on the recommendations of UGC Expert Committee and University' Action Taken Report on its recommendations, UGC approved granting 12B status to MMMUT in its 547th meeting. The University shall now be eligible to receive financial assistance under various schemes of UGC and Govt. of India.

Plantation Drive on the birthday of Hon'ble PM

In compliance with directives from the Office of Hon'ble Chancellor & Governor of UP, the University celebrated the 70th birthday of Hon'ble Prime Minister of India Shri Narendra Modi on September 17th, 2020 by planting 251 saplings of Peepal tree in the campus. Hon'ble Vice Chancellor Prof J P Pandey inaugurated the event by planting the first Peepal sapling in front of Raman Bhawan hostel. Following Hon'ble Vice Chancellor, Deans, HODs, faculty members and staff of the University planted a sapling and resolved to preserve and protect the environment.



Vishwakarma Jayanti Celebrations

Vishwakarma Jayanti was celebrated on September 17th, 2020 in the Central Workshop of the University. Hon'ble Vice Chancellor Prof J P Pandey inaugurated the celebrations and performed puja and havan which had participation by Prof. Jeeoot Singh, Registrar; Prof D K Singh, Head, MED; Shri A K Singh, Workshop Superintendent; Shri P K Singh, Asstt. Registrar; Deans; HODs, faculty members and staff. The event concluded with prasad distribution and resolution by Workshop staff to observe the period of September 17th – October 2nd, 2020 as 'Swachhta Pakhwada'.

STC/WORKSHOPS/TRAINING PROGRAMMES/CONFERENCES

Recent Advances in Earthquake Engineering

Department of Civil Engineering organized an online Faculty Development Programme on 'Recent Advances in Earthquake Engineering' during September 7th – 11th, 2020. The FDP covered issues such as basics of Earthquake Engineering, ground improvement techniques, soil dynamics, structural dynamics, liquefaction of soils, and sustainable geotechnical infrastructures. Prof Shri Ram was Convener of the event while Dr Pradeep Muley & Mr Rohit Kumar coordinated the programme. The programme witnessed eminent speakers from NITTR, Chandigarh; NIT Raipur, and MNNIT, Prayagraj.

Frontiers in Chemical Engineering

Department of Chemical Engineering, in association with Sardar Vallabhbhai National Institute of Technology, Surat organized an online Faculty Development Programme on 'Frontiers in Chemical Engineering' during September 14th – 18th, 2020. Eminent speakers of the FDP included Prof V C Srivastava, IIT Roorkee; Dr Manoj Ramteke, IIT Delhi; Dr Raj K Arya, NIT Jalandhar; Dr V N Lad, SVNIT Surat, and Dr Sanjay Patel, SVNIT, Surat. The programme witnessed participation of 47 faculty members from various institutions.

The Art of Effective Teaching & Learning: ICT Integrated Pedagogy

Department of Humanities & Management Science organized one-week online Faculty Development Programme on 'The Art of Effective Teaching & Learning: ICT Integrated Pedagogy' during September 14th-19th, 2020. Eminent speakers of the FDP included Prof Madhusudan Karmarkar, IIM Lucknow; Prof Sunita Bharatwal, CBL University Bhiwani; Prof Pramila Dahiya Suhag, Vaish College Bhiwani; Prof Sabita Tripathy, IIM Sambalpur; Prof Vineet Gupta, IIFT New Delhi; Prof Arjun Dubey & Dr R K Dwivedi, MMMUT etc. The programme witnessed participation of 100 faculty members/ students from various institutions.

Risk Assessment & Management in Process Industries

Department of Chemical Engineering, in association with Sardar Vallabhbhai National Institute of Technology, Surat organized one-week online Skill Development Program on 'Risk Assessment & Management in Process Industries' during September 21st -25th, 2020. The programme was supported by Indian Institute of Chemical Engineers (IIChE), MMMUT Chapter. Eminent speakers of the training programme included Prof S C Jain, Retd. Professor, Punjab University, Chandigarh and Mr Varun Khatri, Aura Safety & Risk Assessment, Faridabad. The programme had 69 participants from various institutions.

Internet of Things: Applications in Emerging Technology

Department of Electronics & Communication Engineering in association with Sardar Vallabhbhai National Institute of Technology, Surat organized an online Faculty Development Programme on 'Internet of Things: Applications in Emerging Technology' during September 24th – 28th, 2020. Eminent speakers of the FDP included Dr Jitendra Mohan, Sr. Vice President at Coforge Limited; Prof Eswaran Narasimhan, NIIT University; Mr Satya Shukla, Microsoft India; Prof A D Darji, SVNIT, Surat; Dr Shashwat Pathak, IIT Patna; Prof S K Soni, Prof Brijesh Kumar and Prof Rakesh Kumar, MMMUT. The programme had 50 participants from various institutions.

Future Scope of Chemical Sciences and Research Methodology

Department of Chemistry & Environmental Science organized a one-week online Faculty Development Programme on 'Future Scope of Chemical Sciences and Research Methodology' during September 21st -25th, 2020. Dr R K Yadav, Dr P P Pande, and Dr Krishna Kumar coordinated the event.

Mathematical Tools & Recent Advances in Mathematics

Department of Mathematics & Scientific Computing organized a one-week online Faculty Development Programme on 'Mathematical Tools & Recent Advances in Mathematics' during September 21st- 25th, 2020. Eminent speakers of the FDP included Prof Sandeep Banerjee, IIT Roorkee; Prof Pankaj Mathur, Lucknow University; Prof P K Rai, BHU; Prof Om Prakash, IIT Patna; Prof. Gauri Shankar, Punjab Central University; and Dr Amit Verma, IIT Patna. The programme had 100 participants from various institutions.

Recent Advances in Material Science and Research Ethics

Department of Physics & Material Science organized a one-week online Faculty Development Programme on 'Recent Advances in Material Science & Research Ethics' during September 21st -25th, 2020. Eminent speakers of the FDP included Prof R K Singh, BHU; Prof S A Hashmi, Delhi University; Prof Ashish Garg, IIT Kanpur; Prof Hemant Kashyap, IIT Delhi; Prof M L Verma, SSTC Chhattisgarh; Dr Manoj Gupta, CSIR-AMPRI, Bhopal; Prof Arjun Dubey, Prof. D K Dwivedi, Prof B K Pandey, Dr S N Singh, Dr Abhijit Mishra & Dr A K Gupta, all from MMMUT.

Laboratory Experiments Using Virtual Lab in Civil Engineering

Department of Civil Engineering organised one-week online Faculty Development Program on 'Laboratory Experiments Using Virtual Lab in Civil Engineering; during September 21st -25th, 2020. Head of Department Prof Shriram was Convener of the event while Er Madan Chandra Maurya and Dr Vinay Bhushan Chauhan coordinated the FDP.

Advances in Structural Engineering

Department of Civil Engineering organized a one-day online workshop on 'Advances in Structural Engineering' under Twinning Programme in association with SVNIT, Surat and NIT, Jamshedpur on July 3rd, 2020. The workshop had eminent scholars as resource persons such as Prof K K Shukla, Director NIT Jamshedpur; Dr D Y Patil, SVNIT Surat; and Dr Keshav Sharma, NIT. The event was coordinated by Er Madan Chandra Maurya.

Power Electronics for Electric Vehicles & Energy Systems

Department of Electrical Engineering, in association with SVNIT, Surat organized a one-week online Faculty Development Programme on 'Power Electronics for Electric Vehicles & Energy Systems' during September 28th -October 3rd, 2020. Eminent speakers of the FDP included Prof R K Pandey, BHU; Prof S Chatterji, NITTTR Chandigarh; Prof Ashwani Kumar, NIT Kurukshetra; Prof Rajesh Gupta, MNNIT Prayagraj; Prof H M Suryavanshi, VNIT Nagpur; Prof K B Mohanty, NIT Rourkela; Dr V N Lal, Dr S K Singh, & Dr N K S Naidu, IIT BHU; Dr S R Arya, Dr Sanjay Tolani, & Dr Mahesh Aeidapu, SVNIT Surat; and Dr Kalpana R, NIT Surathkal. The event was coordinated by Dr Awadhesh Kumar, Dr Navdeep Singh, and Dr Shekhar Yadav.

STUDENT ACTIVITIES

No Plastic Campaign

NSS Unit of the University organized online awareness drive 'No Plastic Campaign' during July 2nd – August 2nd, 2020 to curb use of plastic. The campaign included creating awareness about the dangerous outcomes of using plastic through illustrations, poems, articles, posters, videos, drawings etc. The campaign was extended to more than 1400 participants including student volunteers and residents of villages adopted by the University.



Synergia

Robotics Club, under the aegis of CSA, organized a website creation and coding competition 'Synergia' during July 25th-26th, 2020. The event witnessed participation of around 1000 students from different technical institutions across the country.

SAE Awareness Drive

Society of Automotive Engineers (SAE), MMMUT Chapter organized an online event through Facebook on every Wednesday and Friday of July 2020 to create awareness about the history and recent developments in Automobile sector. The event included uploading posters on Facebook to disseminate interesting facts about the automobile sector. The event was viewed by 20,000 people and was a huge success.

Induction Programme of Sports Sub Council

Sports Sub Council, CSA organized online Induction Programme for New Members of Sports Sub Council during August 1st-20th, 2020. A total of 105 students participated during various stages, out of which finally 30 students were inducted as the new members of Sports Sub Council. The newly inducted members, along with the existing members, shall contribute towards smooth functioning of the Sub Council.

Induction Programme of Technical Sub Council

Technical Sub Council, CSA organized online Induction Programme for New Members of Technical Sub Council during August 2nd – 11th, 2020. A total of 120 students participated during various stages, out of which finally 19 students were inducted as the new members of Technical Sub Council. The newly inducted members, along with the existing members, shall contribute towards smooth functioning of the Sub Council.

74th Independence Day of India

74th Independence Day of India was celebrated on August 15th, 2020 in the campus in an austere ceremony. Hon'ble Vice Chancellor Prof J P Pandey hoisted the tricolor. Hon'ble Vice Chancellor also administered the oath of national integrity to all present during the ceremony. In his address, Hon'ble Vice Chancellor appealed all the stakeholders to work together to make MMMUT a world class institution. Before this, Chairman CSA Prof B K Pandey welcomed the gathering. Dr D K Goswami, Deputy Registrar delivered the vote of thanks. President, Women's Club Smt. Saroj Pandey, all Deans, Heads, faculty members, officers and staff of the University were present during the ceremony.



Tag-X

Entrepreneurship Development Cell organized online event 'Tag-X' during August 26th-September 12th, 2020. The event involved suggesting innovative and humorous taglines for products/brands posted on Cell's social media platforms. The event witnessed good participation of University students as well as students from outside institutions.

Inversico 2k20

Entrepreneurship Development Cell organized online event 'Inversico 2k20' during August 27th- September 5th, 2020. The event involved creating innovative videos in reverse order and posting it on Cell's social media platforms. The entries were judged based on originality of the content as well as social media likes. Atul Chaudhary, CSE 3rd Year emerged as the winner of the contest and Vivek Goswami, CSE 2nd Year stood second in the competition.



Rendezvous

Society for Automotive Engineers (SAE) Collegiate Club, MMMUT chapter organized a series of webinars titled 'Rendezvous' during August 19th- September 13th, 2020 in which eminent people from various walks of life guided the students regarding their career options and how to prepare for them. Speakers of this webinar series included Mr. Agam Jain, IPS; Mr. Sonam Verma, IES & alumnus 2017 batch; Mr. Ravi Saharan, Indian Air Force; Mr. Ashish Pandey, Imperial College, London, and alumnus 2016 batch; Mr. Rishi Mittal, IIM Bangalore (scored 100 percentile in CAT); and Mr. Mohit Aggarwal, IPS & alumnus 1992 batch. A huge number of students joined these webinars to learn from accomplished people.

Induction Programme of Cultural Synod

Cultural Sub Council (Cultural Synod), CSA organized online Induction Programme for New Members of Cultural Sub Council during September 1st – 5th, 2020. After conducting a rigorous two stage selection process including written round and personal interview, finally 25 students were inducted as the new members of the Sub Council. The newly inducted members, along with the existing members, shall contribute towards smooth functioning of the Sub Council.

Fit India Campaign

Taking inspiration from the 'Fit India Movement' run by Government of India, Sports Sub Council organized fitness awareness drive 'Fit India Campaign' during September 5th- 11th, 2020. The campaign involved participants to choose running/ walking challenge, track their physical activity on designated mobile apps, and posting their activity screenshot on Sub Council's social media page. The event witnessed good participation of University students as well as students from outside institutions.

Hindi Poetry Writing

The Social Engineers Board, under the aegis to Technical Sub Council, CSA organized 'Hindi Poetry Writing Competition' during September 7th – 13th, 2020 to celebrate Hindi Divas.

Melior Tales

NSS Unit of the University organized an online programme 'Melior Tales' on September 7th, 2020 to acquaint the students about the lives and work of several unsung heroes of the country who have devoted their lives for the betterment of others. First edition of this programme involved the famous Bang Couple- Padmshree Dr Abhay Bang and Dr Rani Bang who have worked selflessly in the field of community health in different parts of Maharashtra. The programme apprised the students about the life and work of Bang couple.

Akriti

University Innovation Cell organized three days online training programme 'Akriti' during September 13th - 15th, 2020 for the students. The programme involved training students to design posters using Adobe Photoshop. Shri Vishal Jha was present as Resource Person who told the students about various minute details of poster making and photoshop software. The programme was inaugurated by Chairman CSA Prof B K Pandey. Large number of students from MMMUT as well as other institutions benefitted from the programme. Faculty In-charge Dr Pradeep Muley and student members of UIC Snehil, Kuldeep, Anadita, Nilesh, and Shashank Shekhar coordinated the event.

Engineer's Day

Robotics Club of MMMUT celebrated 'Engineer's Week' and these celebrations concluded with 'Engineer's Day' on September 15th, 2020. The Engineer's Week' celebrations included three major events namely 'Tech-Qisition' (online interaction of reputed engineering professionals with students), 'Tech Manch' (a competition of student projects based on Robotics/ AI/ML/ IoT etc.), and 'EnQuiz' (online engineering quiz competition). Er D K Singh (alumnus 1983 batch), Er Avinash Jain (alumnus 1992 batch), Er D K Srivastava (alumnus 1993 batch), Er Adarsh Agarwal (alumnus 2018 batch), Dr B P Pandey (ECED), and Er R K Tiwari (CSED) interacted with the students during 'Tech-Qisition'. More than 500 students from 20 institutions including IITs, NITs, and other govt./private engineering colleges/universities participated in 'Tech Manch' and 'EnQuiz' events.

Srijan

Association of Civil Engineers (ACE) under its 'Srijan' series conducted online interviews of Neelkanth Bhanu Prakash, fastest human calculator, and Major Gen. (Retd.) P K Sahgal, Eminent Defence Expert on September 28th and 30th, 2020, respectively. During the events, ACE members conducted online interviews of both the eminent personalities which was live streamed on social media platforms of ACE. The student also asked various questions from both the eminent speakers.



RESEARCH PROJECTS AWARDED

1. Dr Rajesh Kumar Verma, Associate Professor, Mechanical Engineering Department has been awarded research project titled "Utilization of recycled waste carpet for development of structural composites material" (Amt. Rs. 13.53 Lakhs) by the Ministry of Textiles, Government of India.
2. Dr Sanjay Mishra, Associate Professor, Mechanical Engineering Department has been awarded research project titled "An Integrated Approach for the Sustainable Electro-thermal Machining of Aerospace Composites" (Amt. Rs. 21.96 Lakhs) by the All India Council for Technical Education, New Delhi under its Research Promotion Scheme.

PUBLICATIONS

Faculty members of Madan Mohan Malaviya University of Technology published 80 research papers in national/international journals, 27 papers on conference proceedings and 3 book chapters/monographs during the period of July-September 2020.

INVITED TALK/ EXPERT LECTURE DELIVERED BY MMMUT FACULTY

1. Prof B K Pandey delivered expert talk titled 'Nuclear forces: Strength and Range' during online Faculty Development Programme on 'Recent Advances in Material Science and Research Ethics' organized by Physics & Material Science Department, MMMUT from September 21st-25th, 2020.
2. Prof Brijesh Kumar expert lecture titled 'Recent Development in IoT and Non-Conventional Devices' on September 28th, 2020 during online Faculty Development Program on 'Internet of Things: Applications in Emerging Technology' jointly organized by Electronics & Communication Engineering Department, MMMUT and Electronics Engineering Department, SVNIT, Surat.
3. Prof D K Singh delivered Keynote Speech on August 21st, 2020 during AICTE Sponsored International Conference on 'Cutting Edge Technological Challenges in Mechanical Engineering' organized by Noida Institute of Engineering & Technology, Greater Noida.
4. Dr Abhijit Mishra delivered expert talk titled 'Ethical Issues in Scientific Research' on September 22nd, 2020 during online Faculty Development Programme on 'Recent Advances in Material Science and Research Ethics' organized by Physics & Material Science Department, MMMUT.
5. Dr Abhishek Kumar Gupta delivered expert talk titled 'Energy Storage Technology: Challenges in Materials Perspective' during online Faculty Development Programme on 'Recent Advances in Material Science and Research Ethics' organized by Physics & Material Science Department, MMMUT from September 21st-25th, 2020.
6. Dr Awadhesh Kumar delivered expert lecture on 'Conceptual Overview of VFT' during online Faculty Development Programme on 'Power Electronics for Electric Vehicles and Energy Systems' organized by Electrical Engineering Department, MMMUT.
7. Dr Bharti Shukla delivered expert lecture titled 'How to Choose Research Topic and How to write Literature Review' on September 15th, 2020 during online Faculty Development Programme on 'The art of effective Teaching and Learning: ICT Integrated Pedagogy' organized by Humanities & Management Science Department, MMMUT.
8. Dr Jyoti delivered expert talk titled 'Endocrine Disrupting Chemicals (EDCs) Removal from water/wastewater using Advanced Oxidation Processes (AOPs)' on September 18th, 2020 during online Faculty Development Programme on 'Frontiers in Chemical Engineering' organized by Chemical Engineering Department, MMMUT.
9. Dr Kahkashan Khan delivered expert lecture titled 'How to write the Literature Review of your Research Paper' on September 18th, 2020 during online Faculty Development Programme on 'The art of effective Teaching and Learning: ICT Integrated Pedagogy' organized by Humanities & Management Science Department, MMMUT.
10. Dr Manish Kumar delivered lecture on 'Effective Utilization & Awareness of Library Resources for Improvement in Student Learning Activities' on September 17th, 2020 organized by UKIERI Change Management.
11. Dr Navdeep Singh delivered expert lecture on 'Advanced Power Converter Controller for Solar' during online Faculty Development Programme on 'Power Electronics for Electric Vehicles and Energy Systems' organized by Electrical Engineering Department, MMMUT.

12. Dr Prabhakar Tiwari delivered invited lecture titled 'Emerging Trends in Power and Energy Systems' on August 28th, 2020 during online Short-Term Course on 'Emerging Trends in Power and Energy Systems' organized by School of Engineering, Gautam Buddha University, Greater Noida.
13. Dr Priyanka Rai delivered expert lecture titled 'How to read a research paper' on September 18th, 2020 during online Faculty Development Programme on 'The art of effective Teaching and Learning: ICT Integrated Pedagogy' organized by Humanities & Management Science Department, MMMUT.
14. Dr Priyanka Rai delivered expert talk titled 'Gender Equality and Women Rights: Leading to Women Empowerment and Women Entrepreneurship' on July 5th, 2020 organized by Nehru Gram Bharti University, Prayagraj in collaboration with UGC.
15. Dr R K Dwivedi delivered expert lecture titled 'Effective Teaching: An Art' on September 17th, 2020 during online Faculty Development Programme on 'The art of effective Teaching and Learning: ICT Integrated Pedagogy' organized by Humanities & Management Science Department, MMMUT.
16. Dr Rajesh Kumar Verma delivered expert lecture titled 'Machining of Polymer Nanocomposites' during online Short-Term Course on 'Advances in Design Manufacturing Engineering' organized by Mechanical Engineering Department, NIT Patna from August 3rd - 7th, 2020.
17. Dr Rajesh Kumar Verma delivered expert lecture titled 'Role of Novel Polymer Nano-Composites Reinforced by MWCNT/Go for Emerging Engineering Applications' on July 21st, 2020 during online Faculty Development Program on 'Emerging Trends, Issues and Challenges in Next Generation Technology' organized by Mechanical Engineering Department, Rama University, Kanpur.
18. Dr Rajesh Kumar Verma delivered expert lecture titled 'Tools for graph, data plotting and designing' during online Short-Term Course on 'Tools and Scientific Communication for Research Article and Proposal Writing' organized by Mechanical Engineering Department, GB Pant Institute of Engineering & Technology, Pauri from September 19th-23rd, 2020.
19. Dr Rajesh Kumar Yadav delivered web lecture titled 'Rational Design of Highly Selective Solar Light Active Artificial Photosynthetic Systems for Conversion of Organic Compounds and Formation of Solar Fine Chemicals' on September 29th, 2020 organized by Babasaheb Bhimrao Ambedkar University, Lucknow.
20. Dr Ravi Shankar delivered expert talk titled 'Industrial wastewater treatment using electrochemical method' on September 16th, 2020 during online Faculty Development Programme on 'Frontiers in Chemical Engineering' organized by Chemical Engineering Department, MMMUT.
21. Dr Shekhar Yadav delivered expert lecture titled 'Nonlinear Combinatorial Optimization' during online Faculty Development Programme on 'Power Electronics for Electric Vehicles and Energy Systems' organized by Electrical Engineering Department, MMMUT.
22. Dr Sudhir Narayan Singh delivered expert talk titled 'Academic/ Professional Report & Research Paper: Documentation of a well Researcher Data' on July 28th, 2020 organized by Guru Jambheshwar University of Science and Technology, Hisar, Haryana.
23. Dr Sudhir Narayan Singh delivered expert talk titled 'How to Choose Research Topic and How to write Literature Review' on September 14th, 2020 during online Faculty Development Programme on 'The art of effective Teaching and Learning: ICT Integrated Pedagogy' organized by Humanities & Management Science Department, MMMUT.
24. Dr Sudhir Narayan Singh delivered expert talk titled 'Language and Communication' on July 27th, 2020 organized by Guru Jambheshwar University of Science and Technology, Hisar, Haryana.
25. Dr Sudhir Narayan Singh delivered expert talk titled 'Orientation to different writing style and documentation' on September 25th, 2020 during online Faculty Development Programme on 'Future Scope of Chemical Sciences and Research Methodology' organized by Chemistry and Environment Science Department, MMMUT.
26. Dr Sudhir Narayan Singh delivered expert talk titled 'Research Ethics and Ethical Dilemma: The Biggest Question Before researchers and Academia' on September 24th, 2020 during online Faculty Development Programme on 'Recent Advances in Material Science and Research Ethics' organized by Physics & Material Science Department, MMMUT.
27. Dr Sudhir Narayan Singh delivered invited lecture on August 29th, 2020 during National Webinar on 'Introduction to Various Writing Mechanisms and Documentation of Research Paper' organized by the Department of Electrical Engineering, Sitamarhi Institute of Technology, Sitamarhi.
28. Dr Sudhir Narayan Singh delivered invited lecture titled 'Trends in English Literature and Language' on September 26th, 2020 organized by Sarla Birla University, Ranchi.
29. Dr Sudhir Narayan Singh delivered keynote speech on August 25th, 2020 during Webinar on 'Post COVID Employment Challenges' organized by the Editorial Board under the aegis of CSA, MMMUT.
30. Dr Vinay Kumar Yadav delivered expert lecture titled 'Research Philosophy and Paradigm' on September 18th, 2020 during online Faculty Development Programme on 'The art of effective Teaching and Learning: ICT Integrated Pedagogy' organized by Humanities & Management Science Department, MMMUT.
31. Dr Vitthal L Gole delivered expert talk titled 'Alternative Diesel Fuel' on August 24th, 2020 during International E-Conference on 'Recent Transformation in Chemical & Textile Technology' held at University Institute of Chemical Technology, North Maharashtra University, Jalgaon.
32. Dr Vitthal L Gole delivered expert talk titled 'Sono-bioleaching' on September 15th, 2020 during online Faculty Development Programme on 'Frontiers in Chemical Engineering' organized by Chemical Engineering Department, MMMUT.
33. Prof Govind Pandey delivered expert talk titled 'Environmental Studies on Water Quality Issues in India' during Online Refresher Course on Environmental Studies organized by UGC-HRDC, Aligarh Muslim University during September 3rd-18th, 2020.
34. Prof S M A Jawaid delivered expert talk titled 'Ground Improvement Technique' during Online Faculty Development Program on 'Recent Advances in Earthquake Engineering' organized by Civil Engineering Department, MMMUT from September 7th- 11th, 2020.
35. Dr Pradeep Muley delivered expert talk during Online Faculty Development Program on 'Recent Advances in Earthquake Engineering' organized by Civil Engineering Department, MMMUT from September 7th- 11th, 2020.
36. Mr Rohit Kumar delivered expert talk during Online Faculty Development Program on 'Recent Advances in Earthquake Engineering' organized by Civil Engineering Department, MMMUT from September 7th- 11th, 2020.

GENERAL CHAIR/ CHIEF GUEST/ SESSION CHAIR IN INTERNATIONAL CONFERENCES

1. Dr Prabhakar Tiwari & Dr. Navdeep Singh chaired Technical Session titled 'Power System Operation and Control' on July 12th, 2020 during '6th Students' Conference on Engineering & Systems' (IEEE Xplore) organized by Motilal Nehru National Institute of Technology, Prayagraj during July 10th-12th, 2020.
2. Dr Rajesh Kumar Verma chaired Technical Session during online International Conference on 'Recent Advances in Manufacturing' (RAM-2020) organized by Mechanical Engineering Department, SVNIT, Surat during July 3rd-4th, 2020.

INVITED/EXPERT LECTURES ORGANIZED

1. Mr Abhishek Gupta, Co-Founder & CEO, GreyKernel Technologies India Ltd., Noida delivered web lecture on 'Upskilling the Students in the changing times' on July 5th, 2020 organized by the Training & Placement Cell.
2. Mr Pranava Tripathi, Infineon Technology, Austria delivered web lecture on 'How to build a High Performing Team' on July 5th, 2020 organized by the Training & Placement Cell.
3. Dr Hiram Ting, UCSI University, Malaysia & Representative, Emerald Publishers, East Asia delivered web lecture on 'Fundamentals of Research Methodology' on July 6th, 2020 organized by the Humanities & Management Science Department.
4. Ms Neha Aggarwal, Founder, Wish Communication, Bengaluru delivered web lecture on 'How to improve resume, cover letter and interview skill' and conducted an interactive session for students on July 8th, 2020 jointly organized by Chemical Engineering Department and Training & Placement Cell.
5. Prof Uma Srivastava, DDU Gorakhpur University delivered online lecture on 'Common Social Issues' on July 10th, 2020 organized NCC 1 UP EME Coy., MMMUT for NCC Cadets of the University.
6. Maj Supriya delivered online lecture on 'Motivation & Leadership' on July 27th, 2020 organized NCC 1 UP EME Coy., MMMUT for NCC Cadets of the University.
7. Dr Tanmay Tiwari, Associate Professor, Anesthesia & Critical Care Unit, KGMU delivered web lecture during Webinar on 'Corona & Cautions Surviving with Threats' on August 17th, 2020 organized by NSS Cell.

FACULTY PARTICIPATION IN OUTSIDE CONFERENCES/ WORKSHOPS/STTP/FDP/TRAINING PROGRAMMES

1. Mr Madan Chandra Maurya participated in Webinar on 'Shear Deformation Theories of Functionally Graded Plates' organized by CED, IIT BHU on August 8th, 2020.
2. Mr Madan Chandra Maurya participated in Webinar on 'Writing a Research Article - Vital tips for beginners' organized by JSS Academy of Technical Education, Bengaluru on August 19th, 2020.
3. Dr Pradeep Muley & Mr Rohit Kumar participated in STTP on 'Construction Management' organized by NITTTR, Kolkata during August 10th-14th, 2020.
4. Mr Rohit Kumar & Dr Pradeep Muley participated in STTP on 'Introduction to IS 1893-2016' organized by NITTTR, Kolkata during August 17th-21st, 2020.
5. Mr Rohit Kumar participated in STTP on 'Philosophy of Ductility RCC Design as per IS 13920-2016' organized by NITTTR during August 24th- 28th, 2020.
6. Mr Vinay Kumar Singh participated in Workshop on 'Practical Aspects and Research Opportunities in Concrete Structures' organized by VBIT, Hyderabad during August 10th- 11th, 2020.
7. Mr Vinay Kumar Singh participated in Advanced Course on 'Recent Advances in Concrete Technology & Durability of Concrete Structures' organized by CSIR-SERC, Chennai during August 26th-28th, 2020.
8. Dr Pradeep Muley participated in STTP on 'Settlement & Bearing Capacity Analysis of Shallow Foundations (ICT79)' organized by NITTTR, Kolkata during August 3rd - 7th, 2020.
9. Dr Pradeep Muley participated in Webinar on 'Shear Strength of Soils' organized by JEC, Jabalpur on August 24th, 2020.
10. Mr Rohit Kumar participated in Training Programme on 'Introduction of Accreditation Mechanism -NBA Approach' organized by NITTTR, Kolkata during July 6th- 10th, 2020.
11. Dr Sneha Gupta participated in FDP on 'Agriculture, Environment and Climate Change' organized by VHNSN College, Virudhunagar during July 20th- 24th, 2020.
12. Mr Vinay Kumar Singh participated in STTP on 'Recent Advances in Forensic Analysis of Sub and Super Structures' organized by VRSEC, Vijayavada during June 29th- July 4th, 2020.
13. Mr Vinay Kumar Singh participated in Webinar on 'Role of Technological Institutions for Atm Nirbhar Bharat' organized by SPIU-UP, TEQIP-III on July 9th, 2020.
14. Dr Vinay Bhushan Chauhan & Mr Vinay Kumar Singh participated in Workshop on 'Concrete Mix Proportioning' organized by SVNIT, Surat on July 26th, 2020.
15. Dr Vinay Bhushan Chauhan participated in FDP on 'Python Programming' organized by RDEC, Ghaziabad during June 29th- July 3rd, 2020.
16. Dr Sneha Gupta participated in ATAL FDP on 'Green Technology and Sustainability Engineering' organized by NIT Jamshedpur during September 14th-18th, 2020.
17. Mr Vinay Kumar Singh participated in Advanced Course on 'Performance-Based Design and Health Assessment of Bridges' organized by CSIR-SERC, Chennai during September 16th-18th, 2020.
18. Prof B K Pandey & Dr Jyoti participated in FDP on 'Future Scope of Chemical Sciences and Research Methodology' organized by Chemistry & Environmental Science Department, MMMUT during September 21st-25th, 2020.
19. Dr Prabhakar Tiwari, Dr Navdeep Singh, Dr Abhishek Kumar Gupta, and Dr Abhijit Mishra participated in 'Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education' organised by TLC, Ramanujan College, Delhi University during June 4th- July 1st, 2020.
20. Dr Kahkashan Khan participated in Webinar on 'Covid-19: Difficult Choices for Health, Economic and Social Wellbeing' organized by IIMR, Delhi on July 3rd, 2020.
21. Dr Vinay Kumar Yadav participated in Webinar on 'Mentoring Teachers for Effective Online Teaching' organized by DRC, DU on July 4th, 2020.
22. Dr Kahkashan Khan participated in Webinar on 'Reorientation of HR Practices Post Covid 19: How to adopt and evolve' organized by GLBIMR, Noida on July 4th, 2020.
23. Dr Kahkashan Khan & Dr Bharti Shukla participated in Webinar on 'Self-Reliance in Changing Global Environment: Imperatives for India' organized by University of Lucknow on July 4th, 2020.
24. Dr Ugrasen participated in Lecture Series on 'Contemporary Issues in Business and Finance in Present Pandemic Situation in India' organized by Business Spectrum during July 10th-12th, 2020.
25. Mr Dheerendra Singh & Dr Ravi Kumar Gupta participated on STC on 'Supply Chain Management: Challenges and Strategies' organized by NIT Jalandhar during July 13th-17th, 2020.
26. Dr Bharti Shukla participated in FDP/MDP on 'Life Management & Developing Research Skill' organized by INSPIRA-IRA during July 24th-30th, 2020.
27. Dr Vinak Kumar Yadav participated in STC on 'Advanced Research Methods and Data Analysis Techniques' organized by NIT Jalandhar during July 27th-31st, 2020.
28. Dr Ravi Kumar Gupta participated in STC on 'Reliability, Maintainability and Quality Issues in Process Industries' organized by NIT Jalandhar during August 4th- 8th, 2020.
29. Dr Ravi Kumar Gupta participated in STC on 'Effective Tools and Techniques in Qualitative Research' organized by NIT Jalandhar during August 10th-14th, 2020.
30. Dr Kahkashan Khan participated in Workshop on 'Intricacies of NAAC Assessment for Better Scoring' organized by St. Francis College, Nagpur during July 27th-31, 2020.

31. Dr Bharti Shukla participated in Workshop on 'Statistical Data Analysis Using SPSS' organized by INSPIRA- IRA during August 24th-30th, 2020.
32. Dr Ravi Kumar Gupta participated in STC on 'Innovation, Novelty and Intellectual Property Rights' organized by NIT Jalandhar during August 28th – September 1st, 2020.
33. Dr Bharti Shukla participated in FDP on 'Digital Marketing Techniques for Business Excellence' organized by CSIBER, Kolhapur during September 2nd- 6th, 2020.
34. Dr Kakhkashan Khan participated in FDP on 'Advances in Technologies, Evolving New Dimensions in e-Society' organized by JISEC, West Bengal during September 2nd-6th, 2020.
35. Dr Ugrasen participated in FDP on 'Financial Analytics using R Studio' organized by Association of Indian Management Schools during September 11th-15th, 2020.
36. Md. Saifullah Khalid participated in STC on 'Emerging Tools and Technologies in Material Science and Engineering' organized by JEC, Jabalpur during September 21st-25th, 2020
37. Dr Rajan Mishra, Dr Swati Gangwar, Dr Dharmendra Kumar & Dr Pooja Lohia participated in FDP on 'Recent Advances in Material Science & Research Ethics' organized by Department of Physics & Material Science, MMMUT during September 21st-25th, 2020.
38. Dr Abhishek Kumar Gupta participated in FDP on 'Advanced Concepts for Developing MOOCs' organized by TLC, Ramanujan College, Delhi University during July 2nd-17th, 2020.
39. Dr Bramha P Pandey participated in AICTE-ATAL FDP on 'Novel Materials' organized by REC, Banda during September 18th-22nd, 2020.
40. Mr G D Bharti participated in FDP on 'Recent Research Trends in Electronics & Communication Engineering' organized by GBPIET, Pauri Garhwal during August 18th-28th, 2020.
41. Dr Dharmendra Kumar participated in FDP on 'ICT Tools for Teaching, Learning Process' jointly organized by E&ICT Academy & M/o Electronics & Information Technology, Govt of India during August 10th-21st, 2020.
42. Dr Dharmendra Kumar & Dr Satish Chandra participated in FDP on 'Demystifying 5G RF ASICs' jointly organized by E&ICT Academy & M/o Electronics & Information Technology, Govt of India during August 24th- September 4th, 2020.
43. Dr Dharmendra Kumar participated in Training Programme on 'Digital Tools for Writing, Authoring and Reviewing Manuscripts' jointly organized by E&ICT Academies of MNIT Jaipur, NIT Patna and IIT Guwahati during August 24th- September 4th, 2020.
44. Dr Satish Chandra & Dr Pratosh Kumar Pal participated in STC on 'Sub-micrometer Semiconductor Device to Circuit Co-Design and Modelling Techniques' organized by NIT Jalandhar during August 20th-24th, 2020.
45. Ms Rukmani Singh participated in '2020 OSA Advanced Photonics Congress' organized by Optical Society of America during July 13th-16th, 2020.
46. Mr Shadab Azam Siddique participated in STTP on 'Design and Simulation of miniature Antenna for IoT Applications' organized by MVGREC, Vizianagaram during June 29th- July 4th, 2020.
47. Mr Shadab Azam Siddique participated in FDP on 'E-content creation for MOOCs and Moodle' organized by IET-RMLA University, Ayodhya and IIT-Bombay Spoken Tutorial during July 10th- 14th, 2020.
48. Dr Sudhanshu Verma participated in STTP on 'Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS' organized by SVECW, Bhimavaram during September 21st-26th, 2020.
49. Mr R K Dwivedi participated in STC on 'Applications of Artificial Intelligence Techniques' organized by AITM, Varanasi during July 13th-17th, 2020.
50. Mr R K Dwivedi participated in STC on 'Research Aspects in Modern Analytics and Cyber Security' organized by JIIT, Noida during July 20th-24th, 2020.
51. Mr R K Dwivedi participated in STC on 'Recent Advances in Business Studies -2020' organized by KAHE, Coimbatore during August 7th- 13th, 2020.
52. Mr D S Singh & Mr R K Dwivedi participated in FDP on 'The Art of Effective Teaching & Learning: ICT Integrated Pedagogy' organized by Department of Humanities & Management Science, MMMUT during September 14th-19th, 2020.
53. Mr D S Singh & Mr R K Dwivedi participated in FDP on 'Internet of Things: Applications in Emerging Technologies' jointly organized by Department of Electronics & Communication Engineering, MMMUT & SVNIT, Surat during September 24th-28th, 2020.
54. Prof Shiv Prakash participated in Webinar on 'COVID-19 and its Impact on Global Economy' jointly organized by Indian Economic Association (IEA), University of Mysore, and Lead India Foundation (US) on August 13th, 2020.
55. Prof Shiv Prakash participated in Webinar on 'Simplifying IPR and Patent Filing' organized by BVICAM, New Delhi on July 24th, 2020.
56. Prof Shiv Prakash participated in Webinar on 'Block Chain: Technological Perspective' organized by BVICAM, New Delhi on July 18th, 2020.

FIRST TIME IN MMMUT

1. The University adopted one view system for declaring results of students. Under this system, any student only needs to enter their roll number on the prescribed link and their results for all semesters shall be displayed. For the first time, MMMUT results can be accessed on internet irrespective of the geographical location. Earlier, MMMUT results were available only on campus intranet.
2. The University has initiated process of uploading marksheets and degree certificates of all its examinations on the UGC NAD portal for easy access to students as well as employers.
3. In view of Covid-19 Pandemic, the University successfully switched to online mode for classes of Odd Semester, 2020-21.
4. In view of the difficulties faced by students and their parents because of Covid-19 Pandemic, the University has given option of depositing the fee for session 2020-21 in two installments.
5. The University has made it mandatory for all the final year students to attend at least one and a maximum of two online MOOCs courses and earn credits.
6. The University has decided to provide Provisional Degree Certificate to the passing out students through e-mail.
7. In accordance with the instructions from Hon'ble Chancellor, it has been decided that Hon'ble Vice Chancellor shall meet individual students/faculty/ staff on Fridays every week, with prior appointment, to personally address their grievances.
8. The University has secured Membership of Association of Indian Universities (AIU).

STUDENT PLACEMENTS DURING JULY-SEPTEMBER 2020

Month	Name of Company/ Employer	Students Placed
July, 2020	Innoeye Software Technologies Pvt. Ltd	Rohit Kumar Verma, Amrendra Pratap, Amit Kumar & Rohit Kumar Kannaujiya
August, 2020	Metamorphosis Engitech India Pvt. Ltd	Riya Singh, Abhinav Srivastava & Sunanda Rai
September, 2020	Byju's Congruex Asia Pacific Ltd. Hexaware	Rashmi Gupta, Riya Singh, Divyabha Gautam & Abhishek Yadav Nishant Kumar, Mayank Badlash, Shweta Singh, Ajay Pratap, Sunanda Rai, Shobhit Agrawal, & Himanshu Singh Abhishek Tripathi, Mritunjay Tiwari, Aradhya Srivastava