



MMMUT Chronicles

A Biannual Newsletter of Madan Mohan Malaviya University of Technology, Gorakhpur

तकनीकी शिक्षा की तपस्थली

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Vice Chancellor's Desk

Madan Mohan Malaviya University of Technology (MMMUT) Gorakhpur is coming up with the half-yearly newsletter "MMMUT Chronicles" depicting the major activities and news of the University. This University has grown to become National flagship, research-led university, known for the excellence of its quality education, research, and its service to local, national and international communities. It has contributed in strengthening teaching – learning activities, research and development activities, innovation, incubation and other related activities of this first non-affiliating technological University of State of Uttar Pradesh.

We have 3900+ students of whom 3100 are undergraduate students (six B. Tech. Programmes) in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Chemical Engineering (with specialization in sugar technology) along with M.B.A., M.C.A. and MSc Physics (specialization in Electronics). University is also running M. Tech. program in 12 disciplines and full/part-time Ph.D. programme in number of disciplines as part of Quality Improvement Programme of MHRD, University fellowships and TEQIP-III project. Three more programs (B. Tech. (IT), BBA and M.Sc. Mathematics (Computing)) are planned from academic year 2019-20.

With the mammoth efforts of teachers, staff and students, University is rated at 6th emerging Institutes/Universities of India by Times Engineering Survey 2018 and at 16th in PG & Research by India Today magazine. Our vision is to make MMM University of Technology a name to reckon with in the academic fraternity by giving a strong impetus to creating an environment of knowledge application and holistically inspiring students to become eminent leaders of tomorrow. We are prepared to accept new challenges and make our University a world-class educational centre of knowledge generation, acquisition and dissemination that will benefit society, 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.

To meet these challenges, University has good academic, research & development and residential infrastructures, well equipped modern laboratories and classrooms, campus wide internet and Wi-Fi facilities. University has the alliances and collaborative partnerships for student/faculty exchange, summer interns, etc. with business, government, and other research institutions/Universities of India and abroad.

I am confident that this edition of newsletter will prove up to the expectations of its readers and act as a literary treasure and source of information for them.

Project Meetings

- There was a progress meeting of UKIERI project on Data-Driven Intelligent Energy Management for Environmentally Sustainable Energy Access, on Nov 2, 2018 at MMMUT Gorakhpur.
- Prof S.N. Singh participated in annual meeting of US-India collaborative academic project for smart distribution system with storage from 2-3 Aug 2018 at Portland USA.

Foreign Visitors:

Following Foreign personalities visited M.M.M. University of Technology, Gorakhpur in last six months:

1. Prof. Tomohisa Wada, University of the Ryukyus, Okinawa, Japan
2. Dr. Kang Dongshik, University of the Ryukyus, Japan
3. Prof. John Thompson, The University of Edinburgh, UK
4. Dr. Masato Saito, University of the Ryukyus, Japan
5. Prof. (Dr.) Vassilios Agelidis, Technical University of Denmark (DTU), Denmark
6. Dr. Aristides Kiprakis, University of Edinburgh, UK
7. Prof. (Dr.) Jay Giri, USA
8. Dr. Vassilios Agelidis, Technical University of Denmark



STC/WORKSHOPS/TRAINING PROGRAMMES

STC on Emerging Trends in Smart Grid & Optimization Techniques

Department of Electrical Engineering organised a One week Short Term Course on "Emerging Trends in Smart Grid & Optimization Techniques (ETSGOT-2018)", during September 11-16, 2018. The STC was inaugurated in the august presence of Professor (Dr.) S. N. Singh, Hon'ble Vice chancellor MMMUT, Gorakhpur and the key note speaker Professor (Dr.) R K Pandey, DG NPTI, Ministry of Power, Govt. of India. The other eminent speakers were Er. D K Srivastava, Director Ministry of Power, Govt. of India, Prof. D. Thukaram, IISC Bangalore, Prof. M K Verma, IIT BHU Varanasi, Prof. Asheesh K. Singh, MNNIT Allahabad, Prof. M.M. Tripathi, DTU, New Delhi, Dr. Manoj Tripathy, IIT Roorkee and Prof. Ashwani Kumar, NIT Kukshetra. The STC committee mainly comprises of Professor (Dr.) S. K. Srivastava, Chairman ETSGOT-2018, Dr. Prabhakar Tiwari Convenor ETSGOT-2018, Dr. Awadhesh Kumar and Dr. Shekhar Yadav, Coordinators ETSGOT-2018. The STC observed a grand success in which all the faculty members, Research Scholars and PG students of the department enthusiastically participated.



Short Term Course on "Technological Innovations in IoT for 5G Applications"

The Department of Electronic & Communication Engineering organized one-week TEQIP III sponsored Short-Term Course (STC) on "Technological Innovations in IoT for 5G Applications" during October 24-29, 2018. The objective of this Short Term Course (STC) was to generate the platform for bringing out the challenges in the field of internet of thing (IoT). During the STC various expert talks/hands on sessions were organized on different topics such as issues and challenges related to 5G Networks, WSN with IoT, Embedded System with IoT, IoT System Programming, Device to Device Communication, Machine to Machine Communication, Embedded Web Server Design, IoT Sensor Network Systems and IoT in healthcare. Prof. Anil Roy, DAICT, Gandhinagar, Prof. R. K. Chauhan, MMMUT, Gorakhpur, Prof. S. K. Soni, MMMUT, Gorakhpur, Dr. Shaswat Pathak Electro Curiotech Private Limited, IIT Patna, Mr. Vishal Seth and Mr. Prabhanshu Nigam, TCS Lucknow, Mr. Ankur Tyagi and Ms. Bhawana Pesswani, Eigen Technologies Pvt. Ltd., Delhi, Mr. Rohit P., DigiToad Technologies, Bangalore and Mr. Amit Saini, Cadre Design Systems, Ghaziabad delivered expert talks/hands on sessions on above mentioned topics. Chairman of the STC Prof S. K. Soni, Coordinators Dr. Rajan Mishra, Dr. Sudhanshu Verma and Dr. Pooja Lohia congratulated the participants and organizing committee for successful organization of the event.



Seminar on 'Relevance of Chemical Engineering in Academia and Industry'

Department of Chemical Engineering has organized seminar on "Relevance of Chemical Engineering" in Academia and Industry on 15 Oct 2018. Mr. P. N. Pandey, General Manager, Indian Glycol Ltd, GIDA, Gorakhpur was chief guest for the function. During his address, he emphasised on development of new skill-set as per the need of industry and changing facets of globalization. Prof. S. N. Singh, Hon'ble Vice Chancellor advised to students and participants, they should not give up in the life and make the habit of life-long learning. Four eminent personalities Prof. I. D. Mall, IIT-Roorkee, Roorkee, Prof. K. K. Srivastava, IIT-BHU, Varanasi, Mr. S. Shukla, Head-R&D, Yash Papers Mill Ltd, and Dr. O. Sharma, Scientist, CSIR-IIP, Dehradun were delivered their expertise during the seminar. Knowledge gained during this seminar was highly beneficial to faculty and student to enhance their skills.



Expert Talk on Opportunities and challenges for chemical engineers

Department of Chemical Engineering has organized three expert talk during the semester. Prof. P. K. Mishra, Professor in Chemical Engineering, IIT-BHU talked on "Opportunities and challenges for chemical engineers" on Engineers day 15 Sept 2018. Mr. Sunil Kumar, Sr. Executive, Borosil Glass Ltd, Lucknow talked on "Safety Practices in Chemical Engineering Laboratories" on 17 Oct. 2018. Mr. Hari Babu Pal, Assistant General Manager, New India Sugar Mills, Hata, Dist. Kushinagar delivered talked on "Application of Chemical Engineering in Sugar Industry" on 18 Oct 2018.



Work shop on "Data Analysis and Marketing Decisions for Business" on 05-06th October 2018

Department of MBA organized a two-day workshop on "Data Analysis and Marketing Decisions for Business" from 5-6 Oct. 2018. This workshop mainly focused on marketers for companies of all sizes rely on marketing data analysis to drive decision-making, forecast outcomes, evaluate the effectiveness of marketing campaigns, identify market opportunities and potential new audiences, and much more.

Workshop on "Business Analytics", on 11-15th October 2018

Mr. Amit Chilka was key speaker of the work shop - Business Analytics, 11-15th October 2018, organized by IIM Kozhikode ECHOES'18 Makeintern.com and CMS, MMMUT, Gorakhpur. This workshop mainly focuses on business intelligence and analytics importance how analytics is playing crucial role in business decisions and corporate performance.

Two days' workshop on "Recent Advances in Traffic Engineering"

Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat and Department of Civil Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur jointly organized National Conference on 'Recent Advances in Traffic Engineering 2018 (RATE - 2018)' at Surat during August 11 - 12, 2018. Prof. Govind Pandey, Professor and Head, Department of Civil Engineering attended the conference as Co-Patron, and Dr. Arun Kumar Mishra, Associate Professor, Department of Civil Engineering attended the conference as Organizing Secretary in the Organizing Committee of the conference.

Two Day Workshop on Cyber-security and Its relevance in Digital India

A two days' workshop on "Cyber-security and its relevance in Digital India" was jointly organized by department of Computer Science & Engineering and Information Technology & Computer Application (ITCA) during 7-8 September 2018. The workshop was inaugurated by the hon'ble Vice-chancellor of the University, Prof. S.N. Singh in the Aryabhata Hall of ITRC. Er. Anubhav Kumar Lal and Er. Indraveer Singh of CSSRL Pvt Ltd, Pune were the experts of the workshop. The faculty, PG students and local police personnel attended the workshop.

Industrial Visit

Department has organized industrial visit for third year chemical engineering students on 19/09/2018 at India Glycol Ltd, Gorakhpur and Yash Papers Mill Ltd, Faizabad on 05/10/2018.

Malviya Research Conclave 2018

Our University has organized 2nd Malviya Research Conclave (MRC-2018) during 6-8 July 2018. It is a research interaction program amongst researchers from different parts of India and abroad. The resource persons from various academic and research organizations like University of Poland, Poland, Asian Institute of Technology, Thailand, IIT Kanpur, IIT Delhi, IIT (BHU) Varanasi, MNNIT Allahabad, SVNIT Surat, NIT Patna, JNU Delhi, and IIIT Allahabad addressed about research challenges, effective technical paper/report writing, teaching skills, plagiarism issues, patenting, innovations and entrepreneurship, etc. The research scholars and M.Tech. students interacted through research poster presentations to bring more integrity towards their research work. Total seven appreciation awards were given to research scholars of different departments for their research poster presentations. The MRC-2018 is

sponsored by TEQIP-III. Prof. Sanjay Govind Dhande (Padam Shree-2013), Prof. P. Nagbhusan, Director, IIIT Allahabad, Dr. Marci Paprzycki, Polish Academy of Science, Warsaw, Poland, Prof. Bhim Singh, Prof. Ajoy Ghatak (SS Bhatnagar award 1979), IIT Delhi, Prof. Shreesh C Chaudhary, Ex Prof. IIT Madras, Prof. Karmeshu Gupta (SS Bhatnagar award 1993), JNU Delhi, Prof. J G Singh, AIT, Thailand, Prof. J. Ramkumar, Prof. Kumar Vaibhav Srivastava, Prof. Vimal Kumar, IIT Kanpur, Prof. Narayan P Padhy, IIT Roorkee, Prof. Devendra Mohan, Prof. Rakesh Kumar Gautam IIT (BHU) Varanasi, Prof. Om Prakash, Prof. Ramakar Jha, NIT Patna, Prof. Shekhar Verma, Dr. Manish Kumar, Dr. Satish Kumar Singh, IIIT Allahabad were among the resource persons in the Conclave. Exchange of MoU between Honorable Vice Chancellor, MMMUT Gorakhpur and Director, IIIT Allahabad also celebrated during the inaugural session of the Conclave.

3rd Convocation of MMMUT Gorakhpur

The 3rd convocation of Madan Mohan Malaviya University of



Best Project Award: An award scheme of Rs. 40K has been started by 1999 batch alumni, Er. Shailendra Tripathi for the best project done by final year students of CSE Department every year.

Technology, Gorakhpur was organized on 24th August 2018. Hon'ble Chancellor and respected governor of Uttar Pradesh Shri Ram Naik Ji was the chief guest on this occasion. Metro man Er. E. Sridharan Ji was special guest of 3rd convocation 2018. Hon'ble Vice-chancellor Prof. Sri Niwas Singh welcomed the guest and presented University annual report 2018. 369 students of B.Tech., 177 students of M. Tech., 56 students of MBA, 50 Students of MCA and 3 students of PhD received their degree in the convocation-2018. Apart from this, during the convocation-2018, the University awarded the first Doctor of Science (Honoris Causa) Degree to Er. E. Sridharan for his contribution in Indian Metro Rail.



5th IEEE UP section International Conference on Electrical, Electronics and Computer Engineering (UPCON 2018)

The 5th IEEE UP Section International Conference on Electrical, Electronics and Computer Engineering, UPCON-2018[™] was organised jointly by MMMUT, Gorakhpur and University of the Ryukyus, Okinawa, Japan from November 2-4, 2018 in the Campus of Madan Mohan Malaviya University of Technology, Gorakhpur.

The inaugural Session was opened with address by Hon'ble Vice-Chancellor of the University and General Chair of the conference Prof. S N Singh. He welcomed the special guest Sri Sitaram Jaiswalji, Mayor of Gorakhpur City, chief guest Prof. P. Nagabhushan, Director IIIT Allahabad, Prof. Tomohisa Wada, Department of Information Engineering, University of the Ryukyus, Okinawa, Japan and other delegates. The delegates, plenary speakers, Keynote speakers and Session Chairs include:



- Prof. (Dr.) Jay Giri, Ex. Director, PSTSI at GE Grid Software Solutions, Washington USA
- Dr. Kang Dongshik, Faculty of Engineering, University of the Ryukyus, Japan
- Prof. Bhim Singh, Department of Electrical Engineering, IIT Delhi, India
- Prof G C Nandi, IIIT, Allahabad, India
- Dr. Kumar Vaibhav Srivastava, Department of Electrical Engineering, IIT Kanpur, India
- Prof John Thompson, School of Engineering, The University of Edinburgh, UK
- Dr. Masato Saito, Faculty of Engineering, University of the Ryukyus, Japan
- Prof. (Dr.) Vassilios Agelidis, Professor, Technical University of Denmark (DTU), Denmark
- Dr Aristides Kiprakis, University of Edinburgh, UK

Late Shri Janak Raj Singh Memorial Gold medal: Hon'ble Vice Chancellor of MMMUT Gorakhpur, Prof. S.N. Singh has started this gold medal in the memory of his father to be awarded to the topper of M.Tech. among all branches.

- Dr. Yogesh Singh Chauhan, Departement of Electrical Engineering, IIT Kanpur, India
- Dr Naran M. Pindoriya, Departement of Electrical Engineering, IIT Gandhinagar, India
- Prof. Asheesh Kumar Singh, MNNIT Allahabad, India
- Dr. Seema Awasthi, IIIT Allahabad, India
- Dr. Satish Kumar Singh, IIIT Allahabad, India
- Dr. Dilip Kumar Sharma, GLA University, Mathura, India
- Dr. Aseem Chandel, REC Manपुरi, India
- Dr. Vinay Rishiwal, MJP Rohilkhand University, Bareilly, India



Total 451 papers and 11 PhD thesis were submitted in the conference by the authors all over the worlds. 40 Foreign Authors from 11 different countries (Australia, Bangladesh, China, Ireland, Japan, Norway, Pakistan, Sri Lanka, Thailand, UK, USA) and 787 Indian Authors submitted their papers in UPCON-2018. Among the Indian institutions from where authors submitted their papers includes almost all reputed institutions of India including IIT Delhi, IIT Kanpur, IIT Kharagpur, IIT Roorkee, IIT BHU, IITGandhinagar, IIT Dhanbad, MNNIT Allahabad, IIIT Allahabad, DTU Delhi, NIT Patna, NIT Kurukshetra, NIT Hamirpur, NIT Bhopal, NIT Jaipur, NIT Delhi, NIT UK, Aligarh Muslim University and so many. These papers were assigned to 250+ reviewers across the world. 987 reviews were received in total for these 451 papers. 231 registered papers and 11 PhD theses were presented during 33 technical sessions in 6 parallel sessions. There were 3 special sessions including one in Women in Engineering (WIE), one IEEE Special Interest Group on Humanitarian Technology (SIGHT) and one Young Professional (YP). In each technical session one paper was awarded the best paper. Three Ph.D. thesis were awarded with 1st, 2nd and 3rd prizes with citation and cash prize of Rs. 8000/-, Rs. 5000/- and Rs. 3000/- respectively.

UPCON-2018 was the biggest ever event organised by MMMUT, Gorakhpur. It became memorable for attendees and delegates after evening cultural program "Phoolon ki holi" performed by specially invited artists from Mathura on first day and "Kavi Sammelan" had been the evening attraction on second day of the event. Valedictory Session was presided over by Vice-Chancellor Dr. S. N. Singh with gracious presence of IEEE Region 10 Director-elect-2019 Sri Deepak Mathur and Dr. Bhim Singh, Professor & Dean, IIT Delhi, India. Dr Divakar Yadav, Dr Brijesh Kumar and Prof A.N. Tiwari were the organizing chair(s) of this conference. They worked day and night and left no stone unturned to make this event grand success.

5th Foundation Day of MMMUT

The 5th foundation day of Madan Mohan Malaviya University of Technology, Gorakhpur was celebrated on 1st Dec 2018 in Multi-Purpose Hall (MPH) of the University. 1975-79 batch alumni Er. Alok Nandan, who is currently executive director of Oil and Natural Gas Corporation (ONGC) Ltd, India was the chief guest and Prof. J.P. Saini, founder Vice-chancellor of Netaji Subhas Chandra Bose Technical University Delhi was the special guest of the function. Among the other important dignitary's present were Sri Sitaram Jaiswal, Mayor Gorakhpur, Smt Anju Chaudhari, Ex. Mayor of Gorakhpur and Vice chair person of State Mahila Commission UP, Prof S.P. Pandey, director REC Azamgarh, Prof. V.K. Giri, director REC Sonbhadra, Er. J.B. Rai, Alumni MMMUT, Er. Gopal Misra Alumni MMMUT, and so many others. Hon'ble Vice-chancellor Prof. S.N. Singh welcomed the guests, alumni of the University, faculty members; officers and staff member, students and presented development report of the University since its inception in 2013. The chief guest of the function, Er. Alok Nandan shared his old memory of Madan Mohan Malaviya Engineering College. He advised to the current students of MMMUT that there is no alternative for self-



confidence and hard work to become a great achiever. Prof. J.P. Saini shared his experience as Ex. Principal of Madan Mohan Malaviya Engineering College as well as the contributions made by the alumnus of this institute to convert it in to a technical university. The Women club, under the guidance of Smt Vandana Singh, presented fashion show on this occasion. 2017-18 batch toppers of the University were honored with the medals and prizes on this auspicious occasion. Top 20 rankers among boys and girls of MET-2018, who sought admission at MMMUT Gorakhpur were honored with tablets on this occasion. The students of MMMUT presented various cultural programs which were the main attraction of the function among alumni present during the function. The function was ended with a diner party organized by the University.

Induction Program for B. Tech. students admitted in 2018-19

When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. It is important to help them adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. Therefore, a three-week long induction program (Induction Program for New Students IPNS 2018-19) for the first year UG students entering the university had been conducted during 30th July to 21st Aug, 2018. Its purpose was to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.

Prof. S. N. Singh, Hon'ble VC of the University, inaugurated the Induction Programme for New Students (IPNS 2018-19) which commenced with paying floral tribute to Bharat Ratna Pandit Madan Mohan Malviya and Goddess Saraswati along with lighting of the lamp and presenting memento to the members on the dias followed by recitation of Kulgeet at Multipurpose Hall (MPH), M.M.M.U.T. Gorakhpur. Prof. S. N. Singh, the chief guest of this inaugural function, congratulated the students for enrolling into UG Programme of MMMUT, Gorakhpur in the 2018-19 session. He discussed about the importance of planning and timeliness in life. He stressed on the fact that networking, learning, 360 degree overview and relationship with peers and faculty members are of prime importance in real life.



Short-Term Course on 'Research Methodology & Statistics

Department of Applied Science organized a seven days Short-Term Course on 'Research Methodology & Statistics' (STCRMS-18) during 24-30 October, 2018 with sponsorship from TEQIP III. STCRMS-18 was inaugurated on 24th October, 2018 by Hon'ble Vice Chancellor Prof. S. N. Singh along-with the Key Note Speaker Prof. Vimal Kumar, Department of Economic Sciences, IIT Kanpur in the presence of faculty members, students and staff of the University. Other resource persons of this programme included Prof. Vijay Kumar and Prof. Ajeya K. Gupta, both from DDU Gorakhpur University; Prof. P. K. Rai from BHU, Varanasi; Dr. Saurabh Mani Tripathi, from KNIT Sultanpur; Dr. S. N. Singh, Dr. A. K. Barnwal and Dr. Harish Chandra from Applied Science Department itself. The course, which covered a wide variety of topics related to research methods and statistical tools and techniques, was attended by more than 75 Post-Graduate and PhD Students as well as faculty members from various institutions of the country.



STUDENT ACTIVITIES UNDE COUNCIL OF STUDENT ACTIVITY(CSA)

Malaviyan Ace

The leadoff event of the board, this one has active participation from everyone because of the healthy competitive environment it provides. This event is the real litmus for students preparing for competitive exams given the nature of the questions asked in it. "Malaviyan Ace" is an online test series based on quantitative aptitude, verbal ability, C language proficiency and reasoning along with the basic sections of GATE. The event was successfully conducted on September 9, 2018 in IT Resource Centre. The winners of different sections were: QC: Gaurav Dixit, CSE(Final Year) ; QV: Mrinal Kumar, CE(Second Year) ; QCV: Rahul Poddar, ECE(Final Year); GATE: Harsh Srivastava, EE(Second Year) and GS: Sakshi Prajapati, CSE(Final Year)



Vagmita

Conducted for the very first time, "Vagmita" was an online event to encourage the usage of Hindi among the students of the University. Participants had to send a video of around five-minute duration of them reciting a Hindi poem on our Facebook page. The poems could either be self-composed or of any other poet. The event received humongous participation from all including faculties and was especially popular among freshers. Entries were accepted from September 14 to September 19, 2018. The winner of this event was Arushi Singhal, CSE(First year).



Shri Jagan Nath Singh Gold medal: Prof. P.K. Singh, Head CSED has started this gold medal in the memory of his father, to be awarded to the overall B.Tech. topper of Computer Science & Engg and Information Technology branch.

Arunoday

The most vibrant and scintillating event of the semester, "Arunoday", which is exclusively for the freshers of the University was also conducted by the board. The event was conducted in two stages, preliminary stage held on October 23, 2018 in the respective hostels and final stage on October 28, 2018 in MPH. A total of 35 four-membered teams advanced from the prelims, and freshers attended the finals with full zeal and made the evening memorable. The winning team of the event was "The Titans". Best speaker for Half-a-Minute(HAM) was given to Shatakshi Srivastava, CSE(First Year). The title of "Malaviyan Thinker" was also given during the event to Sarthak Srivastava, CSE(First Year) for English category and Nikhil Shukla, CSE(First Year) for Hindi category.

Heats

With the thrilling moves to the groovy jazz, from melodious songs to rocking instrumental beats, from beautiful poetries to heart throbbing acts freshmen rocked the HEATS'18 conducted by CULTURAL SYNOD. Heats is a platform for the freshmen of our college for showing off their talents. A huge participation was witnessed from the first year students on 1st and 2nd September 2018. In the auditions everyone showed tremendous energy to electrify the event. This event is conducted for students who are willing to be a part of cultural synod of the college. Their talents are polished and grooved with regular practice session.



Spectra 2k18

SPECTRA is an ingenious event organized by University Innovation Cell on October 27, 2018 to **October 29, 2018** which fosters an opportunity for students to showcase their creativity and talent. It comprises of three events REPLICA, inQUIZitive and MINDBUZZ. It's a competition where there will be a faceoff among teams to find the most innovative solution to a problem. The details of events are as follows:



inQUIZitive

Spectra 2k18 conducted one of its most exciting event inQUIZitive which consists of two rounds that include answering questions related to quantitative analysis, aptitude etc and a debate based on new and useful technologies. This is the rostrum that provides an opportunity to make the students proficient in technology.

REPLICA

Spectra 2k18 conducted one of its most exciting event REPLICA which consists of three rounds that include answering through LAN, using prop and model making. This is the dais that offer the students to explore their creativity and pragmatic erudition.



MINDBUZZ

It was an online event which tests an individual's presence of mind.

Ms and Mr of 25th ANTARAGNI at IIT Kanpur

A team of University students participated in National level cultural competition 'ANTARAGNI 2018' organized by IIT Kanpur during 25th -28th October 2018. Students of University namely Ms. Shreya Singh (B. Tech ME, 3rd year) and Krishna Kumar Pandey won the title 'Mr./Ms. ANTARAGNI', the talent hunt event of the competition. This was for the first time in the history of 'ANTARAGNI' competition that the 'Mr./Ms. ANTARAGNI' title went to the same institution.



Participation in THOMSO-18 at IITR

A team of University students participated in National level cultural competition 'THOMSO'18 organised by IIT Roorkee during 26th - 28th October 2018. Pratayaksha Srivastava, student of B. Tech CSE, 3rd year of the University was declared winner of the event 'JAM' in which participating students were assigned a random topic on the spot and were supposed to speak on that topic for a few minutes.

Sport Activities

A team of University students participated in National level sports event 'SPARDHA' organized by IIT BHU during 26th - 28th Oct. 2018.

The Winners of Rishi Shukla Memorial Scholarship Award are: Gold Award (50K) to Shreya Mishra (ECE); Silver Award (30K) to Abhya Tiwari(ECE) and Bronze Award (10K) to Nitesh Sing (ME).

1993 Silver Jubilee Batch Scholarship: 1993 batch alumni of MMMUT Gorakhpur started a scholarship scheme for poor student from the interest amount earned every year from the contribution of Rs. 11 lacs made by the batch.

UDGHOSH'18

The sports fest of IIT Kanpur UDGHOSH'18 was organized during the month of October from 4th to 8th. Total 46 students (11 girls and 35 boys) of our participated in various teams in this mega sports event. The competition was tough, even then our university carom boys' team (Pyingsuthung Odyuo and Chupon Eric Tungoe) was able to grab gold medal. Also, the boys team was able to reach the quarter finals of table tennis where they faced even more challenging opponents.

TECHSRIJAN'18

The 2018 season of the 3- day annual techno-management fest of MMMUT, Gorakhpur: TechSRIJAN, was organized from 12-14 October 2018. This season of the fest like every previous season was packed with thrilling events fulfilling the motto of integrating endeavor with intellect. The mega fest which attracts attention from not only the varsity but also



from the other educational institutes is bringing a plethora of interesting events for the tech enthusiasts. Being organized by IEEE Student Branch in collaboration with SAE Collegiate Club, MMMUT Chapter, the fest witnessed humongous participation and left memories especially for the freshmen of the University. This year once again brought forward the most dynamic events ranging from the most exciting ones like roboKRITI, Junkyard Warz, El-Tiro, BridgeKRITI and ab-INITIO to most brain stimulating ones like hardRACHNA, techPRASTUTI, resoNOVA, techSHILP. This year, we also brought forward Science Exhibition which gave



EFFICYCLE

For the first time Malaviyans participated in an event organised by SAE INDIA named EFFI-CYCLE with team name EFFI-MALAVIYANS held at Lovely Professional University, Jalandhar, Punjab. "EFFI-CYCLE" derived from Efficient-Cycle promote the objective of providing opportunity to the students to conceive, design and fabricate a three wheel configuration vehicle powered by human-electric hybrid power and capable of seating two passengers catering to the day to day mobility needs. The objective is to promote innovation and generate consciousness amongst the young engineers towards environment friendly mobility solution.

BAJA

Team RAPTOR qualified VIRTUAL BAJA SAE INDIA 2019 held at Chitkara University, Chandigarh. Five members from the team represented for the virtual round and raised the banner of Madan Mohan Malaviya



University of technology by qualifying it. Now, the dynamic round will be held from 8th March at IIT Ropar, Punjab. The team has begun with Chassis fabrication. SAE tasks the students to design, fabricate and validate a single seater four - wheeled off road vehicle to take part in series of events spread over a course of 3 days that test the vehicle for the sound engineering practices that have gone into it, the agility of the vehicle in terms of gradability, speed, acceleration and maneuverability characteristics and finally its ability to endure that back breaking durability



test.

DRISHYAA

DRISHAYAA was organised on 31st August of 2018, by The Social Engineers' Board, was a career counselling session. It was the first event conducted by the society in the academic session of 2018-19, with an objective of indulging freshmen into thinking about their career options while and after their B-Tech. program. It saw a humungous participation of 560+ students. And as per their feedbacks, they were content with the session and proclaimed to have come out as more enlightened learners.

DHISHAN

One of the most promising event of the year was DHISHAN, as its literal meaning suggests "The Intelligent One", was an event organised by The Social Engineers' Board with an objective of picking out an all-rounder of skills from amongst the



Shri Radhe Shyam Singh Gold medal: 1969 batch MED alumni Shri Radheshyam Singh has started a gold medal scheme to be awarded to the overall topper of B.Tech. among all branches. Sri Radhey Shyam Singh himself was topper of 1969 batch.

freshmen, at the same time helping the rests to get to a better platform of confidence and knowledge than they were already at.

This event was conducted in three rounds, from October 24 to October 26 of 2018. The first round was a pen paper round, intended for the screening purpose while testing the participants' attitude of dealing with situations and tackling quant, aptitude, reasoning and literature problems. Audio visual being the second round, was based on the same inclination of questions but with upping in their level. And the third and the most prodigious round was "The Parliamentary Debate". In this, participants were allocated the topics and characters, they just had to defend and supply facts in favour of their own party, be it ruling or opposition. To sum it in a nutshell, DHISHAN was an all-rounder event with its exemplary rounds.

2nd Position in UPPCB Hackathon

Hon'ble Smt. Kalpana Awasthi (IAS) Principal Secretary (Forest & Environment) and Shri Ashish Tiwari (IFS) Member Secretary awarded Medal for second rank to MMMUT in UPPCB Hackathon "Beat Plastic Pollution", out of total six hundred ninety-nine (699) project entries on 02/10/2018.



Other Student Activities

- 'Malaviyan Jam' basketball event for boys & girls was organized during 29th – 31st October 2018 under the aegis of Sports Sub Council, Council of Student Activities.
- Performance by Shri Rakesh Srivastava, Folk Singer and 'A' grade artist of All India Radio was organized on the evening of 6th July 2018 on Malaviya Research Conclave-2018 inaugural event.
- 'Run for Freedom' for students was organized on 15th August 2018 as a part of Independence Day celebrations at the University.
- 'Malaviyan ACE' Competition Level-1 and Level-2 for students were organized on 16th and 19th August, respectively.
- 'Surgical Strike Day' was celebrated on 29th September 2018 which included special Parade by NCC cadets and special lecture on 'The modalities of protection of Border by Army/NCC officer.'
- Gandhi Jayanti celebrations were organized on 2nd October 2018.
- Innovation Cell, under the aegis of Technical Sub Council, Council of Student Activities, organized a Programme on 'Utilization of the Intellectual Property System Start-UPS & Placements' on 6th October 2018.
- Editorial Board, under the aegis of Technical Sub Council, Council of Student Activities 'ARUNODAY' event during 23rd – 28th October 2018.
- The Social Engineers Board, under the aegis of Technical Sub Council, Council of Student Activities organized 'DISHAN' event during 23rd – 28th October 2018.
- A team of students of mechanical engineering department participated in "BAJA SAE-IDIA 2018" organized by Chitkara University Chandigarh.
- Entrepreneurship Development Cell, under the aegis of Technical Sub Council, Council of Student Activities organized 'AAROHAN' event during 26th - 28th October 2018.
- Sports Sub Council, Council of Student Activities organized Soft Ball Cricket Tournament for students during 29th - 31st October, 2018.
- To celebrate the birth anniversary of Sardar Vallabhbhai Patel and commemorate the death anniversary of Smt. Indra Gandhi, 'National Unity Day' and 'National Re-Dedication Day', respectively were celebrated on 31st October 2018. The celebrations included pledge ceremony, poster making competition etc. organized by NSS cell of CSA.
- NSS cell successfully organized blankets distribution program at Govt. school (blind students' school) at Lal Diggi Buxipur, Gorakhpur UP on 30 Nov 2018. B.Tech students distributed new blankets to more than 100 students.



Invited Talks/ Expert Lectures delivered by MMMUT Faculty members

- Prof. D. K. Dwivedi delivered an expert talk on "Non-oxide semiconducting glasses for optoelectronic devices" during FDP organized by department of Physics, Harcourt Butler Technical University, Kanpur from Nov 29-30, 2018.
- Prof. Govind Pandey delivered Special Lecture as Keynote Speaker on 'Safe Disposal and Management of Plastic and Other Biodegradable and Medical Waste' Programme on 'Scientific Lectures and Awareness' held on August 08, 2018 and organized by District Science Club, Gorakhpur under Council of Science and Technology, Uttar Pradesh at M. S. I. Intermediate College, Gorakhpur, UP.
- Prof. Govind Pandey delivered Special Lecture as Distinguished Speaker on 'Effects of Petrol Driven Passenger Car Age and Mileage on Tailpipe Emission: The Environmental Health Perspective' Plenary Session – I of 5th International Green Health Conference and 12th Asian Congress of Oral and Maxillofacial Radiology organized jointly by National Environmental Engineering Research Institute, Nagpur and Association of Oral and Maxillofacial Radiology, Mumbai during September 06 – 09, 2018 at Mumbai.
- Prof. Govind Pandey delivered Invited Expert Lecture on 'Research Perspectives in Water Quality Management in India' TEQIP – III Sponsored Short Term Course on 'Research Methodology and Statistics' organized by Department of Applied Sciences, Madan Mohan Malaviya University of Technology, Gorakhpur during October 24 – 30, 2018.

MMMUT Gorakhpur scored 1st rank in the performance audit 2017-18, conducted by NPIU New Delhi among all institutions of India, supported under TEQIP III.

- Prof. Govind Pandey delivered Special Lecture as Special Speaker on 'Eradicate Corruption – Build a New India' Vigilance Awareness Week and Seminar on Eradicate Corruption – Build a New India' organized by N. E. Railway, Gorakhpur under the directions of Central Vigilance Commission during October 29, 2018 to November 03, 2018.
- Prof. Govind Pandey delivered Invited Talk on 'Recent Trends Relating to Water Quality Management in India' TEQIP – III Sponsored National Workshop on 'Recent Trends in Industry and Academia' organized jointly by Dr. Ram Manohar Lohia Awadh University, Faizabad and Ambedkar Institute of Technology, Bangalore during October 27, 2018 to November 03, 2018 at Institute of Engineering and Technology, Dr. Ram Manohar Lohia Awadh University, Faizabad, UP.
- Prof. Govind Pandey delivered Special Lecture as Guest of Honour on 'Innovations and Society Education' Closing Ceremony and Prize Distribution of Three Day Divisional Educational Exhibition organized by Regional Science and Technology Centre, Veer Bahadur Singh Planetarium, Gorakhpur and sponsored by Council of Science and Technology, Government of U. P., Lucknow during October 29 - 31, 2018.
- Dr. Prabhakar Tiwari, Associate Professor delivered Invited Lecture on "topic "IEEE Awareness" during 2018 International Conference on Automation and Computational Engineering (ICACE-2018), Amity Greater Noida, October 03-04, 2018.
- Prof. S.P. Singh delivered an expert talk on Open Source Technologies on September 13, 2018 at REC Azamgarh.
- Dr. Prabhakar Tiwari, Associate Professor delivered Invited Lecture on "topic "Pricing Issues in Power System" during 2018 International Conference on Advances in Computing, Communication Control and Networking (ICACCCN), Galgotia College of Engineering and Technology, Greater Noida, October 12-13, 2018.
- Dr. K.G Upadhyay, Professor, delivered a talk on "Restructuring of Power Sector" at MMMUT Gorakhpur on 13 September 2018.
- Sri K. P. Singh, Associate Professor, delivered a talk on "High Voltage DC Transmission an Overview" at MMMUT Gorakhpur on 14 September 2018.
- Dr. A. N. Tiwari, Professor, delivered a talk on "Controller Design for PMSM Drive" at MMMUT Gorakhpur on 15 September 2018.
- Department of Electrical Engineering organized an expert lecture on "Control Strategies for Power Management and Operation of Smart DC Microgrids" delivered by Dr. Mahesh Kumar, Department of Electrical and Computer Engineering Addis Ababa Science and Technology University (AASTU), ETHIOPIA on 04-09-2018.
- Department of Electrical Engineering organized an expert lecture on "DC Micro Grid and Autonomous Control" delivered by Dr. Mahesh Kumar, Department of Electrical and Computer Engineering Addis Ababa Science and Technology University (AASTU), ETHIOPIA on 05-09-2018.
- Department of Electrical Engineering organized an expert lecture on "Self-Adjustment and Technical Research" delivered by Dr. Gajender Singh, Director ABES Ghaziabad on 05-10-2018.
- Department of Electrical Engineering organized an expert lecture on "Power System Operational Challenges - RES Grid Integration & Strategic Control" delivered by Prof. R K Pandey, DG NPTI, Ministry of Power, Govt of India on 11-09-2018.
- Department of Electrical Engineering organized an expert lecture on "IEEE Smart Village" delivered by Tara McCartney Director United for Hope Shakti Empowerment Solutions Germany, USA & India on 16-09-2018.
- Mr. Varun Kumar, Infineon Technologies AG, Munich Germany (2005 Batch Alumnus) delivered a expert talk on "Automotive Embedded E/E Domain, Trends and Opportunities" on 21st August, 2018.
- Prof. S. K. Soni, MMMUT, Gorakhpur delivered a expert talk on "Issues and Challenges:5G Networks" on 24th October, 2018
- Prof. R. K. Chauhan, MMMUT, Gorakhpur delivered a expert talk on "IoT and CMOS Circuits IoT and CMOS Circuits: Challenges and Opportunities" on 27th October, 2018.
- Dr. Swati Gangwar delivered Invited talk entitled "Wear Analysis of Metal Alloy Composites for Bearing" in STC on Basics of Tribology and Its Industrial Engineering Applications (BTIEA-2018) at SVNIT Surat.
- Dr. Rajesh Kumar Verma delivered a talk on "NSS- its role & objective in student life" in the Induction program for new students (IPNS 2018) at MMMUT on 3rd Aug 2018.
- Dr. Sanjay Mishra delivered Invited talk entitled "Digital Transformation: A New Industrial Revolution" in a program organized by Institution of Engineers (India), Gorakhpur, at St. Andrews College, Gorakhpur.

Placement 2015-19 batch

Following are the placement record of 2015-19 batch from July 2018 to till date.

S. No	Name of Company	No. of student placed	Salary Package
	TCS	70(CS-48,ECE-14,EE-04,ME-01,MCA-01,M. Tech-01)	3.36 Lacs for UG 3.53 Lacs for PG
2.	Global Logic, Noida	11(CS-11)	4.81 Lacs
3.	Wipro Technologies	RA*	3.5 Lacs



Publications

Journal(s)

- Sanjeev K. Mallik, SN Singh and Saikat Chakraborti, "An Educational Software for Enhancing Research in Power System-State Estimation, Electric Power Components and Systems (Accepted).
- R. K. Chauhan, B. S. Rajpurohit, SN Singh and F. M. Gonzalez-Longatt Demand-Side Management System for Autonomous DC Microgrid for Building, Technology and Economics of Smart Grids and Sustainable Energy, (accepted)
- Shivani Verma, Vikas Kumar and Akash Priyadarshree (2018), "An experimental test study on ring footing resting on clay bed reinforced by stone column", Innovative and Infrastructure Solution, Springer, ESCI and SCOPUS 10.1007/s41062-018-0169-9, 3,64, 1-16.
- Vikas Kumar and Arvind Kumar (2018), "Predicting the settlement of Raft resting on sand reinforced with Planar and Geocell using Generalized Regression Neural Networks (GRNN) and Back Propagated Neural Networks (BPNN)", International Journal of Geosynthetic and Ground Engineering, Springer, ESCI <https://doi.org/10.1007/s40891-018-0148-4>, Vol. 4, 1-11.
- Brijesh K. Pandey, Anjani Kumar Pandey and Sachin, "Pressure Dependent Compressibility of Single Carbon Nanotubes and Graphite", International Journal of Applied Chemistry, Volume 14, Number 4 (2018) pp. 271-279 SCIMago
- Shailesh Kumar, P K Singh, "A Dead Block Approach to Minimize Erase Operation in NAND Flash Memory", IEEE Transactions on Consumer Electronics 64 (3)-2018,310-318
- Irphan Ali, Divakar Yadav, "Question Answering System for Semantic Web: A Review", International Journal of Advanced Intelligence Paradigms, InderScience Publication, 2018. (In press)
- Irphan Ali, Divakar Yadav, "SWFQA Semantic Web based Framework for Question Answering", International Journal of Information Retrieval Research (IJIRR), IGI Global, ISSN: 2155-6377, (In press)
- Shweta Singh, A.N. Tiwari and S.N. Singh, "Model Reference Adaptive System for Speed and Position Sensor less Control of PMSM", International Journal of Applied Engineering Research, (2018), SCI Mago, vol. 13, No.7, pp. 4725-4729, 2018
- Vimal Kumar Mishra and R. K. Chauhan, "Efficient Layout Design of Junction less Transistor based 6-T SRAM cell using SOI Technology" Electronic Materials and Processing, ECS Journal of Solid State Science and Technology, Vol. 7, No. 9, pp. 456-461, 2018 [SCI]
- Manvendra Singh Chauhan and R. K. Chauhan, "A Modified Source Impact Ionization MOSFET (MS I-MOS) for Low Power and Fast Switching Digital Applications" Journal of Telecommunication, Electronic and Computer Engineering (JTECE), Vol. 10, No. 3, pp. 15-18, 2018 [ISSN: 2180 – 1843 e-ISSN:2289-8131][SCI Mago]
- Puspaj Singh Chauhan, Sandeep Kumar, Sanjay Kumar Soni "New Approximate Expressions of Average Symbol Error Probability, Probability of Detection and AUC with MRC over Generic and Composite Fading Channels," Accepted in International Journal of Electronics and Communications (AEU), Elsevier 2018 (SCI)
- Puspaj Singh Chauhan and Sanjay Kumar Soni "Modelling and Performance Analysis of Energy Detector over Weibull-Shadowed Fading Channel with Application to Cooperative Sensing," Int. Journal of Wireless Personal Communication (WPC), 103:2791–2809, Springer, Published Online: 22 September 2018 (SCI)
- A. Srivastava and Brijesh Kumar, "Performance Investigation of fully Vertical Organic Material based Multi-Layer OLEDs" Journal on Material Science, Vol. 5, No. 4, pp. 23-29, 2018
- S. Negi, P. Mittal and Brijesh Kumar, "Characteristic Performance of OLED Based on Hole Injection, Transport and Blocking Layers" Recent Patents on Engineering, 2018, (Scopus Indexed) (In-Press)
- Dubey Suhmita Umeshkumar, and Manish Kumar "Design of an ultra-wideband bandpass filter for millimeter wave applications", Journal of Telecommunication, Electronic and Computer Engineering , vol. 10, No. 3, pp. 57-60, 2018 (Scimago and scopus indexed)
- Bramha P. Pandey, Transmission spectrum and IV characteristics of dual gate Z-shaped graphene nanoribbon FET. Nanomaterials and Energy, Vol. 7(2): 1–5(2018) (SCIE & SCOPUS)
- Vijay Shanker Chaudhary, Vishal Chaudhary, Dharmendra Kumar "Highly Negative Dispersion Compensating Dual Core Photonic Crystal Fiber" International Journal of advanced research in Science and Engineering (IJARSE-18) Vol. No-1, pp. 343-346(2018) (UGC Approved)
- Sukriti Yadav, Swati Gangwar, Vimal ,Kumar Pathak, A Novel Hybrid TOPSIS-PSI Approach for Material Selection in Marine Applications, SADHNA, Springer, Ms. No. SADH-D-18-00258R2 2018.
- Sukriti Yadav and Swati Gangwar, 'A critical evaluation of tribological interaction for restorative materials in dentistry'. INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS (Taylor & Francis), 2018 <https://doi.org/10.1080/00914037.2018.1525544>
- Rajesh Kumar Verma, Characterization & evaluation of Al7075 MMCs reinforced with ceramic particulates and influence of age hardening on their tensile behavior. Springer- Journal of Mechanical Science and Technology.Vol. 32/7.2018.3123-3128.
- Rajneesh Singh, Swati Gangwar, D.K.Singh,, Technological Advances of Magnetic Abrasive Finishing for Surface Treatment- A Review 'International conference on Contemporary Research in Mechanical Engineering with Focus on Materials and Manufacturing,'Integral University, Lucknow, UP.April 6-7, 2018.
- Sukriti Yadav and Swati Gangwar, An Overview on Recent Progresses & future perspective of Biomaterial. IOP Conference series: Material Science and Engineering.404.2018 <https://doi.org/10.1088/1757-899X/404/1/012013>.
- A. Tevatia and S.K. Srivastava, The energy-based multistage fatigue crack growth life prediction model for DRMMCs, Fatigue & Fracture of Engineering Materials and Structures (FFEMS) SCI expanded, Impact Factor: 1.838, ISSN: 1460-2695 2018 [DOI.org/10.1111/ffe.12853](https://doi.org/10.1111/ffe.12853).

- Mohammad ZR Khan, S.K. Srivastava and MK Gupta, Tensile and Flexural properties of natural fiber reinforced polymer composites: A review. *Journal of Reinforced Plastics and Composites*, SCI Expanded, Impact Factor: 1.471, ISSN No. 0731-6844 August 2018. doi: 10.1177/0731684418799528
- Mohd. Zahid Rayaz Khan and S.K. Srivastava, Development, Characterization and Application Potential of Bio-composites: A Review IOP Conference Series: Materials Science and Engineering Journal. Vol. 404, n1, 2018 P. 012028.
- A. Tevatia and S.K. Srivastava, Influence of micro-structural parameters on fatigue life of discontinuous reinforced metal matrix composites, *Indian Journal of Engineering and Materials Sciences (IJEMS)*, SCI expanded, Impact Factor: 1.838, ISSN: 0971-4588 October 2018 (Accepted).
- Devesh Kumar and B.B. Arora, Study and Analysis of Parallel Hub and Diverging Casing Axial Annular Diffuser with area ratio of 4. *Journal of Emerging Technology and Innovative Research (JETIR)*, Impact Factor- 5.84, ISSN :- 2349-5162. 1st October 2018(Accepted).
- Durga Prasad and S. C. Jayswal, Assessment of a Reconfigurable manufacturing System. Benchmarking: International Journal.2018. DOI : 10.1180/BIJ-06-2018-0147.
- Anupma Yadav and S. C. Jayswal, Evaluation of batching and layout on the performance of Flexible Manufacturing System. *The International Journal Advanced Manufacturing Technology*.2018.DOI : org/10.1007/s00170-018-2999-1.
- Vandita Rao, N. Mehta, N. Chandel, D. K. Dwivedi, Crystallization kinetics and Avrami index of Sb-doped Se-Te-Sn chalcogenide glasses, *Phase Transitions* 91(5) (2018) (SCI Journal)
- Vandita Rao, N. Mehta, N. Chandel, D. K. Dwivedi, Effect of antimony on glass transition and thermal stability of Se_{78-x}Te₁₈Sn₂Sb_x (x = 0, 2, 4 & 6 at %) multi component glassy alloys *Journal of Thermal Analysis and Calorimetry* 134(2) (2018) 915-922 (SCI Journal)
- Vandita Rao, Pooja Lohia, N. Mehta and D.K.Dwivedi, Investigation of some physico-chemical properties in multi-component Se-Te-Sn-Sb (0≤x≤6) quaternary chalcogenide glassy system, *Glass Physics and Chemistry* (2018) (SCI Journal)
- Vandita Rao, Amit Kumar, N. Mehta, D. K. Dwivedi, Effect of Sb incorporation on thermo-mechanical properties of amorphous Se-Te-Sn alloys, *Materials Research Express* 5 (2018) 065206 (SCI Journal)
- Pravin Kumar Singh and D.K.Dwivedi, Influence of composition on structural properties and optical parameters of thermally evaporated Ge_{10-x}Se₆₀Te₃₀In_x (0 ≤ x ≤ 6) thin films, *Ferroelectrics*, 531(1) (2018) 72-83 (SCI Journal)
- Priyanka Jaiswal, D.K. Dwivedi, Investigation of structural, electrical properties and dielectric relaxation of CNT doped Cu-Se-Ge-In chalcogenide glassy alloy, *Materials Research Express* 6 (2019) 015202 (SCI Journal)
- Pravin Kumar Singh, S. K. Sharma, S. K. Tripathi, D. K. Dwivedi, Study of dielectric relaxation and thermally activated a.c. conduction in multicomponent Ge_{10-x}Se₆₀Te₃₀In_x (0≤x ≤ 6) chalcogenide glasses using CBH model, *Results in Physics* 15 (2019) 223-236 (SCI Journal)

Conference proceeding(s)

- Faculty members of Madan Mohan Malaviya University of Technology, Gorakhpur published 84 research articles in international conference proceeding(s) organized across the world between July-Dec 2018.

Book Chapters

- Chauhan V. B., Khan R., Dasaka S.M. (2019) "Reduction of Surcharge Induced Earth Pressure on Rigid Non-yielding Retaining Wall Using Relief Shelves." In: I.V. A., Maji V. (eds) *Geotechnical Applications. Lecture Notes in Civil Engineering*, Vol 13. Springer, Singapore. Online ISBN: 978-981-13-0368-5. Print ISBN: 978-981-13-0367-8. DOI: 10.1007/978-981-13-0368-5_23
- Dr. B. K. Pandey and S. Chaturvedi, *Engineering Physics-II*, Cengage Learning Pvt. Ltd, (Thomson) 2018. ISBN:978-93-868-5887-0. Pages 346 (Anna University).
- Dr. B. K. Pandey and S. Chaturvedi, T Vijaya Krishna, T. Madhu Mohan *Applied Physics*, Cengage Learning Pvt. Ltd, (Thomson) 2019. ISBN: 978-93-866-6807-3. Pages 233 (JNTU Hyderabad).
- Sanjeev Kumar Mallik, Saikat Chakrabarti and SN Singh, *State estimation in the presence of synchronized measurement*, in the book entitled *Synchronized Phasor Measurements for Smart Grids*, IET POWER AND ENERGY SERIES 97. Editors: M. Jaya Bharata Reddy and Dasmanta Kumar Mohanta.
- R. K. Chauhan, F. M. Gonzalez-Longatt, Bharat Singh and SN Singh, *DC microgrid in residential buildings*, in the book entitled *DC Distribution Systems and Microgrids*, The Institution of Engineering & Technology (IET). Editors: Tomislav Dragicevic, Pat Wheeler and Fred Baabjerg, October 2018

Faculty Participation in Conferences/Workshops/STC

- Prof. S.N. Singh participated in IEEE International conference at Portland, USA from 8-9 August 2018.
- Dr. Awadhesh Kumar, Assistant professor, attended a STC on "Selected topics in Control theory - Fundamentals, Advances and Future Directions" held at MNIT Jaipur during 9–13, August 2018.
- Dr. Shekhar Yadav, Assistant professor, attended a STC on "Advanced Optimization Techniques" held at MNIT Jaipur, during 12-22 October 2018.
- Dr. K.G.Upadhyay, Professor attended a program on "Cyber Security and its relevance in digital India" during 7-8 September 2018.
- All the Faculties of the Department of Electrical Engineering attended 3 days Malaviya research Conclave (MRC-2018), a Technical and Research Program organised by MMMUT Gorakhpur on July 6-8, 2018.
- Dr. Prabhakar Tiwari, Associate Professor, attended 2018 International Conference on Automation and Computational Engineering (ICACE-2018), Amity Greater Noida, October 03-04, 2018.
- Dr. Prabhakar Tiwari, Associate Professor, attended IEEE International Conference on Computing, Power and Communication Technologies 2018 (GUCON) held during 28-29 September 2018, at Galgotia University, Greater Noida.
- Dr. Prabhakar Tiwari, Associate Professor, attended International Conference on Advances in Computing, Communication Control and Networking (ICACCCN), Galgotia College of Engineering and Technology, Greater Noida, October 12-13, 2018.
- Dr. Prabhakar Tiwari, Associate Professor, chaired Technical Session on the topic Track 1 on Energy during 2018 International Conference on Automation and Computational Engineering (ICACE-2018), Amity Greater Noida, October 03-04, 2018
- Dr. Prabhakar Tiwari, Associate Professor, chaired Technical Session code SD9 on Renewable Energy, during IEEE International Conference on Computing, Power and Communication Technologies 2018 (GUCON) held during 28-29 September 2018, at Galgotia University, Greater Noida.

- Dr. Prabhakar Tiwari, Associate Professor, attended 1 week STC on Research Methodologies and Statistics, 24-30 Oct, 2018, Department of Applied Science, MMMUT, Gorakhpur.
- Mr. Rohit Kumar attended a workshop on Mastering Advanced Technique of Characterization for High End Research, IIT Kanpur, from August 27 to 31, 2018
- Mr. Vinay Kumar Singh attended a Short-Term Course on Low Cost housing Design and Practice at NITTTR, Chandigarh from August 27 to 31, 2018
- Prof. Govind Pandey attended 12th Asian Congress of Oral and Maxillofacial Radiology and 5th International Green Health Conference Ministry of Culture, Govt. of India, National Council of Science Museums, Green Health Foundation, Council of Scientific and Industrial Research, National Environment Engineering Research Institute Nagpur, Maharashtra University of Health Science, Swachah Bharat Abhiyan, Govt. of India from September 6 to 9, 2018.
- Mr. Vikas Kumar, Dr. Sneha Gupta, Ms. Shweta Yadav, Mr. Madan Chandra Maurya and Mr. Vinay Kumar Singh attended two days workshop on Cyber Security and Its Relevance in Digital India at Computer Science and Engineering, M.M.M.U.T. Gorakhpur during September 7-8, 2018
- Mr. Madan Chandra Maurya attended a workshop on "Modal Analysis: Theory in Practice" at I.I.T. Kanpur during September 17-21, 2018
- Mr. Vikas Kumar, Mr. Madan Chandra Maurya and Mr. Vinay Kumar Singh attended Research Methodology and Statistics (STCRMS-2018) at Department of Applied Science, Madan Mohan Malaviya University of Technology, Gorakhpur during October 24-30, 2018
- Prof. Govind Pandey attended a workshop on 'Recent Trends in Industry and Academia' at Institute of Engineering and Technology, Dr. Ram Manohar Lohia Awadh University, Faizabad from October 27, 2018 to November 03, 2018.
- Prof. D.K. Dwivedi, Dr. Jeeoot Singh and Dr Jyoti attended a workshop on "Academic Leadership and Management" Jointly organized by British Council, Dudley Institute of Technology U.K. and AICTE New Delhi, India under UKIERI-III Program during Nov 19 to Nov 22, 2018

General Chair/Chief Guest/Session Chair of International Conferences

- Dr. Divakar Yadav, Dr. Brijesh Kumar and Dr A.N. Tiwari worked as organizing chair(s) of 5th IEEE UP Section International Conference on Electrical, Electronics and Computer Engineering, jointly organized by MMMUT Gorakhpur and University of The Ryukyus, Japan from 204 Nov. 2018.
- Dr. Swati Gangwar Received Young Achiever award 2018 by Institute for Exploring Advancis in Engineering for research paper Optimization of process parameters affecting Surface Roughness in Magnetic Abrasive Finishing Process, Materials & Manufacturing Process, Taylor & Francis, Volume 32, Issue, Pages 1723-1729. I.F = 2.274 (SCI) in July 2018.
- Dr. Sanjay Mishra has been the session chair in the National Seminar on Advances in Material, Manufacturing & Renewable Energy Systems (AMMRES-2018), BBDNITM Lucknow.

Research Projects

- Prof. D. K. Dwivedi, Dr. Jeeoot Singh and Dr. Jyoti have been selected for UKIERI-AICTE project on academic leadership and management funded by AICTE New Delhi for 2018-19.
- Prof. D.K. Singh, MED has been selected for Leadership of Academician Program (Leap 2019) an Initiative of MHRD Govt. of India & Harvard Education Research, USA in March 2019 for top 25 persons in organization of India.
- Prof. S.N. Singh has been granted a research project on Integrated Renewable Energy Sources: Operation & management Indo-Norway for the duration 2018-2021.

PhD Degree Awarded/submitted

- Dr. Jai Prakash, Assistant Professor, ITCA has been awarded PhD degree on "Design and Development of Efficient Gateway Discovery protocol in MANET", from Uttarakhand Technical University, Dehradun (UK).
- Abhishek Tevatia has been awarded PhD degree on "Investigations of Fatigue Crack Growth Life of Discontinuous Reinforced Metal-Matrix Composites" in October 2018 from from AKTU, Lucknow under the supervision of Prof. S.K. Srivastava.
- Sudhir Agarwal has submitted his PhD thesis on "Development of Health Monitoring of Induction Machine using Computational Intelligence" under the supervision of Dr. V. K. Giri.
- Shri D. S Singh, Associate Professor ITCA department, submitted his PhD thesis on "Neural Predictive Architecture & Algorithm for Handwritten Hindi Character Recognition" from Uttarakhand Technical University, Dehradun (UK).
- Shailesh Kumar, department of Computer Science & Engineering submitted his PhD thesis on "Performance Improvement of Nan Flash Memory " under the supervision of Prof. P.K. Singh.

Awards & Recognitions

- Prof. K.G. Upadhyay has been awarded Malaviya Outstanding Teacher Award-2018 (MOTA) by hon'ble Vice-chancellor of MMMUT Gorakhpur..
- Prof. S.N. Singh received Prof. GK Dubey Memorial Life Time Achievement Award 2018 by IEEE Uttar Pradesh Section for Outstanding contribution to IEEE UP Section and IEEE R10.
- Prof. S.N. Singh received Amity Global Academic Excellence Award 2018, by Amity University, Greater Noida, India.
- Prof. S.N. Singh received Sangam Shikhar Samman 2018, Gorakhpur
- Prof. S.K. Srivastava has been given appreciation award by hon'ble Vice-chancellor, MMMUT Gorakhpur for completing 30 years of active service at this university.
- Rahul Kr Rai M.Tech Ist year (PED) and Dhananjay Gupta M.Tech Ist year (C & I) have been awarded Malaviya Excellence Student Award-2018 (MESA) by hon'ble Vice-chancellor of MMMUT Gorakhpur.
- Prof S.N. Singh has been nominated as advisor for National Cyber Safety and Security Standards (NCSS).
- Prof S.N. Singh has been selected for Life time achievement award by IEEE UP Section.
- Prof. S.N. Singh has been selected lecturer for Industry Application Society for two years.

- Prof. P.K. Singh has been awarded appreciation certificate for achieving 1st rank among all Indian Institution supported in TEQIP III during performance audit by NPIU New Delhi.
- Research proposal of Dr. Rajesh Kumar Verma, Associate Professor, MED ranked second in Uttar Pradesh- Pollution Control Board (UPPCB) Gomti Nagar, Lucknow in a Hackathon "Beat Plastic Pollution", out of total six hundred ninety-nine (699) project entries on 02/10/2018.
- UP Govt. nominated Prof. D.K.Singh member BOG of Rajkiya Engineering College Azamgarh for a period of three years w.e.f. Nov. 2018.
- Sri DS Singh received appreciation letter for efficient services for development of various health care related software modules to HealthOK Health Care Solutions Pvt Ltd, Gorakhpur.

Student of Ryukus University Japan Visit at MMMUT

Under the MoU on Student Exchange between University of the Ryukyus, Okinawa, Japan and Madan Mohan Malaviya University of Technology, Gorakhpur (MoU Coordinator: Prof. Govind Pandey), Mr. Kaito Akita, Master 1st Grade and Mr. Yusuke Kono, Bachelor 4th Grade from University of the Ryukyus, Okinawa, Japan visited Madan Mohan Malaviya University of Technology, Gorakhpur during October 16, 2018 to November 15, 2018 for Internship Training. Mr. Kaito Akita, Master 1st Grade, who has speciality in research in 'Internet Infrastructure', showed interest in Software Defined Network and undertook training at Department of Information Technology and Computer Applications whereas Mr. Yusuke Kono, Bachelor 4th Grade, who has speciality in research in 'Wireless Communication', showed interest in Orthogonal Chirp Division Multiplexing (OCDM) and undertook training at Department of Electronics and Communication Engineering. During this period, they also visited Kushinagar and places of importance relating to Indian heritage and culture.

MoU(s)

- A MoU was signed on 7th July 2018 between IIIT Allahabad and MMMUT Gorakhpur for joint research and other academic exchanges.
- A MoU was signed on 7th Sept CSSRL Pune and MMMUT Gorakhpur establishing Cyber Security Lab at Madan Mohan Malaviya University of Technology Gorakhpur/

Expert Lectures organized

- Er. Vivek Singh Kushwaha, OneShield Ind Pvt. Ltd. Gurugram delivered an expert talk on Machine Learning Sept 30, 2018, organized by ITCA department.
- Department of Mechanical Engineering organized an Expert Lecture on 'Surface tribology' delivered by Dr. Deepak Kumar, IIT Delhi on 23 Oct 2018. In this expert talk importance and involvement of tribology engineering in research for the society was discussed.
- Department of Mechanical Engineering organized an Expert Lecture on 'on Elements of Power Plant Technology' delivered by Er. Shibban Lal on 27 Oct 2018.
- Mr. Vishal Seth, Academic Relationship Manager, TCS Lucknow, conducted one-day student workshop on "Interview Etiquettes" and "Introduction to Digital Technologies" on 17 Aug. 2018 for the students of B. Tech. (CSE &ECE) and MCA.
- Mr. Rajesh Kumar Srivastava, Author & Motivational Speaker, Wipro Bangalore (1996 Batch Alumnus) delivered an expert talk on "Campus to co-corporate and Career Enrichment" on 22 & 23 Sept.2018for the students of B.Tech. M.Tech., MCA, and MBA.
- Dr. Jitendra Mohan, Vice-President & Chief Information Officer, NIIT Technologies Ltd. Noida delivered an expert Talk on "Building Careers in Digital Age" on 29 Sept. 2018for the students of B.Tech. (CSE, ECE) and MCA.
- Mr. Surendra Kumar, Chief Manager Production, Central Electronic Ltd. Ghaziabad, delivered an expert talk on "Industrial Challenges and opportunity" in the month of Oct. 2018for the students of B.Tech. final year.
- Mr. Mukesh Kumar, Director and Mr. Ashish Mishra, Sr. Trainer, RCPL, Noida delivered an expert talk on "Future Technologies Demand, Its Implementation and How to Build Careers in Corporate" on 05-10-2018 for the students of B.Tech. Pre-final and final year student.
- Mr. Vishal Seth, Academic Relationship Manager, TCS Lucknow, delivered an expert talk on "Agile Methodologies" on 26.10.2018 for the students of B.Tech. final and pre-final year students

Malviyans in Engineering Services 2018

Following eight pass out students of MMMUT Gorakhpur qualified Indian Engineering Services (IES) 2018.

Shri Sudhir Kumar Pandey (AIR 22, ECE), Shri Satish Sonu (AIR 38, ECE), Shri Vishnu Maurya (AIR 32), Shri Dhananjay rai (AIR 86), Shri Atul Dwivedi (AIR 53), Ms Sachi Agrawal (AIR 22), Shri Shivam Tripathi (AIR 49, CE), Ms Pallavi Singh (AIR 78) and Shri Sonam Verma (AIR 81)





एमएमएमयूटी में चली
प्लांटेशन डाइव

GORAKHPUR: मदन मोहन मालवीय युनिवर्सिटी ऑफ टेक्नोलॉजी में प्लांटेशन ड्राइव चलवाई गई। इस मौके पर यूनिवर्सिटी लोबीज कलेब मेमर्स ने कैपस में पीथरोपण किया। अध्यक्ष दानदा सिंह ने बताया कि कलेब पर्यावरण को स्वस्थ रखने के लिए रेग्युलर एक्टिविटी करता है। इस ड्राइव में अध्यक्ष के अलावा गीता तिवारी, लक्ष्मी प्रामा, शालिनी आदि ने भी पीथे लगाए।



एमएमएमयूटी : बीटेक प्रथम वर्ष में दाखिले की तीसरी सूची जारी

□ प्रयोग 10: सुनवाई की सुवर्ण 100 घंटे की सूची



बीए में ओबीसी, एससी
एसटी का दाखिला 14 से

[illegible]

अमेरिकी विश्वविद्यालयों तकें होंगी एमएमएमयूटी की पहुंच



उपलब्धि

- विश्वप्रसिद्ध टीवी के ४ लाख अफ़ानि बिलियन के बजट पर काम
- टीवी के टीवी २००० विनिर्माणकर्ता के रूप में सेवा प्रदाता
- अफ़ानि के टीवी २००० विनिर्माणकर्ता के रूप में सेवा प्रदाता

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एमएमएमयूटी की एल्युमनाई मीट 25, 26 दिसंबर को

આપણી આજીવિકા



१०५. अन्तराष्ट्रिय प्रत्यक्षिकीय
१०६. अन्तराष्ट्रिय प्रत्यक्षिकीय
१०७. अन्तराष्ट्रिय प्रत्यक्षिकीय
१०८. अन्तराष्ट्रिय प्रत्यक्षिकीय

एमएमएमयूटी वीसी को लाइफ टाइम अचीवमेंट अवार्ड

विषय विषयिन् अर्थात् अर्थात् विषय
वे, विषयिन् अर्थात् विषय
अर्थात् विषय अर्थात् विषय



विना। उनके द्वारा किये गए खेपड़ों का महत्व विपरीत रूप से माने के बाद

एमएमएमयटी कलपति बने आईएस के प्रवक्ता

गोरखपुर। विश्व की बड़ी प्रोफेशनल सोसाइटी आईईईई ने एमएमएमयूटी के कुलपति प्रो. एसएन सिंह को इंडस्ट्री एप्लीकेशन सोसाइटी (आईएस) का प्रवक्ता चयनित किया है। उनका कार्यकाल दो वर्ष का होगा। इस पद के लिए चयनित होने वाले वह उत्तर प्रदेश के पहले व्यक्ति हैं। प्रो. सिंह को अब विश्व के प्रसिद्ध संस्थानों, विश्वविद्यालयों में इंडस्ट्री एप्लीकेशन तथा पावर सेक्टर आदि के क्षेत्र में व्याख्यान देने लिए आमंत्रित किया जाएगा। उनकी इस उपलब्धि पर एमएमएमयूटी में खुशी का माहौल है। शिक्षकों, अधिकारियों, कर्मचारियों एवं अन्य गणमान्य व्यक्तियों ने उन्हें बधाइयां एवं शुभकामनाएं दी हैं।



एमएनएमयूटी के पांच होनहार थाईलैंड में प्रस्तुत करेंगे रिसर्च पेपर

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एमएमएमयूटी में 55 नए शिक्षकों की होगी भर्ती

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