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## FROM VICE CHANCELLOR'S DESK

Madan Mohan Malaviya University of Technology (MMMUT), Gorakhpur has approximately 4500 students of whom 3463 are undergraduate students (seven B. Tech. Programmes \& BBA) in Civil Engineering, Electrical Engineering, M echanical Engineering, Electronics \& Communication Engineering, Computer Science \& Engineering, Information Technology \& Computer Application and Chemical Engineering along with M BA, MCA, BBA, M Sc Physics (specialization in Electronics) and M Sc M athematics (specialization in Scientific Computing). University is also running M Tech programme in 12 disciplines and full/part- time PhD programme in number of disciplines as part of Quality Improvement Programme of M HRD, University fellowships and TEQIP-III project. Two more programs - B Pharma, and MScChemistry are planned to start from academic year 2020-21.
 With creation of 4 new departments on June 22, 2019 by Honourable Chief Minister, Uttar Pradesh, University has now eleven departments. Admission process was successfully completed in a transparent manner and the academic activities of the session 2019-20 started as per prescribed academic calendar. In 2019-20, admissions were granted to 978 in B Tech $1^{3 \text { t }}$ year; 151 in B Tech $2^{\text {nd }}$ year (Lateral Entry); 233 in M Tech $1^{\text {st }}$ year; 52 BBA; 75 M BA; 75 M CA; 41 M SC (Physics \& M athematics) and 51 in PhD programs with total intake of 1656 students. I am happy to share that this year again, the number of admission aspirants has increased as compared to the last year 2018. All results were declared as per schedules notified in academic calendar and the fourth Convocation of University was successfully held on August $22^{\text {nd }}, 2019$ in which 1003 students ( 693 B Tech students, 198 M Tech students, 54 M BA students, 53 MCA students, and 3 PhD students) received their respective degrees. Er. N R Narayana M urthy, popularly known as IT-man of India, received M M M UT's Second DSc (Honoris Causa) degree during the 4 ${ }^{\text {th }}$ Convocation of the university. Er. N.R. Narayana M urthy has always been a role model for the Engineers in this country. Hon'ble Chancellor and respected Governor of Uttar Pradesh Smt. Anandiben PatelJi and Chief M inister of UP, Honourable Yogi Aditya Nath Ji were present during the convocation.
With the mammoth efforts of teachers, staff and students, University was ranked $6^{\text {th }}$ in emerging Institutes/Universities of India by Times Engineering Survey 2018 and ranked $16^{\text {th }}$ in PG \& Research by India Today magazine. University is also ranked $15^{\text {th }}$ in best technical institutes/Universities by India Today survey 2019 and $44^{\text {th }}$ rank in the world for coding/programming competence. Our vision is to make M M M University of Technology a name to reckon with in the academic fraternity by giving a strong impetus to creating an environment of know ledge 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 specialised knowledge and for their ability to research, communicate and solve problems for the benefit and welfare of the society.

## FOREIGN VISITORS

Following foreign personalities from academia/industry visited the M M M University of Technology, Gorakhpur during the last six months: -

1. Prof. Gaurav Sharma, University of Rochester, New York, USA
2. Dr. Donatella Barisano, Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Italy
3. Prof. V K Sharma, Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Italy
4. Dr. M arkus Duchon, Fortiss, Germany
5. Prof. Tomohisa Wada, University of Ryukyus, Okinawa, Japan
6. Prof. M arcin Papryzcki, Polish Academy of Sciences, Poland
7. Prof. Joydeep M itra, M ichigan State University, USA
8. Team of four Japanese students from Ryukyus University, Okinawa, Japan visited M M MUT
 for one-month internship at the Department of Computer Science and Engineering.


## FOURTH CONVOCATION

4th Convocation of the University was organized on August 22 ${ }^{\text {nd }}$, 2019. The Convocation was presided by Hon'ble Chancellor of M M M UT and Hon'ble Governor of Uttar Pradesh Smt. Anandi Ben Patel whereas Hon'ble Chief M inister of Uttar Pradesh Shri Yogi Adityanath graced the occasion as Chief Guest. Entrepreneur and founder of Infosys Er. N R Narayanmurthy, popular as 'IT-man of India', delivered the Convocation Address. Smt. S Radha Chauhan (IAS), Principal Secretary (TE), Govt. of Uttar Pradesh was also present during the function. A total of 1003 degrees were conferred upon to the successful students which included 693 B Tech students, 198 M Tech students, 54 M BA students, 53 M CA students, and 3 PhD students. The degrees also included Honorary D. Sc. (Honoris Causa) which was conferred upon Er. N R Narayanmurthy. This was the second time M M M UT conferred Honoris Causa to an eminent personality. In 2018, Honorary D. Sc. (HonorisCausa) wasconferred upon Er. E Sridharan, popularly known as'M etro-M an.


## SIXTH FOUNDATION DAY

$6^{\text {th }}$ Anniversary and Foundation Day of M M M UT was celebrated on December 1 ${ }^{\text {tt }}$, 2019. Prof. H P Khincha, Former Vice Chancellor, Visvesvaraya Technical University, Belgaum, Karnataka was Chief Guest while Hon'ble MLA of Gorakhpur Dr. Radha Mohan Das Agarwal was the Guest of Honour of the function. Other distinguished guests present duringthe function were Prof. V K Sharma, ENEA, Italy; Prof. KK Shukla, Director, NITJamshedpur; Prof. BN Singh, Dean (HR), IIT Kharagpur; and Dr. Donatella Barisano, ENEA, Italy. Hon'ble Vice Chancellor Prof. SN Singh presided the function whereas Prof. DK Dwivedi, Dean UGS \& E welcomed the guests, alumni, faculty members, officers, staff and students and presented an overview of the developments which have taken place in the past six years. The Foundation Day celebrations coincided with the inauguration of 'International Conference on Energy, Environment and M aterial Science' (ICE2M -2019) jointly organized by M M M UT and ENEA, Italy with the support of ONGC, India and IEEE-UP Section. On this occasion, top 20 rankers of the 'M alaviya Entrance Test-2019' (MET-2019) who took admission and are currently studying in the University were felicitated with tablet PCs. Dr. Jeeoot Singh spoke briefly about the International Conference- ICE2M -2019 while Dr. Swati Gangwar delivered the vote of thanks. Dr. Abhijit M ishra compered the programme. The dignitaries and guests also unveiled the souvenir of ICE2M-2019 on this occasion. The celebrations continued in the evening with cultural presentation by students of the University. Presentation of group song by Japanese students visiting M M M UT was a major attraction of the cultural evening.


## UNIVERSITY ADMISSIONSFOR SESSSON 2019-20

The process of admission to various courses during session 2019-20 was successfully completed on time and with complete transparency. Academic activities of the session 2019-20 started as per prescribed academic calendar. Admissions were granted to 978 candidates in B Tech $1^{\text {st }}$ year; 151 candidates in B Tech $2^{\text {nd }}$ year (Lateral Entry); 233 candidates in M Tech $1^{\text {ts }}$ year; 52 candidates in BBA; 75 candidates in M BA; 75 candidates in M CA; 41 candidates in MSc (Physics \& M athematics) and 51 candidates in the PhD program with total intake of 1656 students. A total of 150 PhD scholars are enrolled in different departments of the university out of which 50 are part-time students. Admission on $20 \%$ of B. Tech. $1^{\text {tt year seats ( } 10 \% \text { UP domicile }}$ and $10 \%$ other than UP) was taken through JEEM ains rank. Admission on remaining seats was taken through M alaviya Entrance Test (MET-2019).

## INDUCTION PROGRAMME FOR NEW STUDENTS (IPNS 2019)

M andated by AICTE with the motive to help the newly admitted students to adjust to the new environment, to inculcate institutional ethos, and to develop a broader understanding of
 various issues in life, a three week long 'Induction Programme for New Students' (IPNS-2019) was organized for the B. Tech $1^{\text {st }}$ Year students during July $30^{\text {th }}$ - August 19 ${ }^{\text {th }}, 2019$. The purpose was to make the new students feel comfortable in a changed environment, to develop bonding within the batch as well as between students and teachers, and to familiarize them with their surroundings,

people, processes etc. IPNS-2019 was inaugurated by Hon'ble Vice Chancellor Prof. S N Singh in the presence of all Deans, HODs, and senior functionaries of the University. In his motivational address, Hon'ble Vice Chancellor called upon the students to become future leaders in technology and at the same time to also imbibe the quality and essence of being a good human being, a better engineer and to lead India to new heights. During these twenty-one days, the students had the opportunity to meet, listen and interact with eminent people from various walks of life such as Brig. J S Rajpurohit, Group Commander, NCC Gorakhpur; Dr. Jitendra Mohan, Sr. Vice President, NIIT, Noida; Shri Krishna M ohan, Retd. IAS; Prof. Dhananjay Kumar, Social Psychologist; DDU Gorakhpur University; Shri A K Singh, DGM, SBI, Delhi; and Dr. Shyam M alhotra, Retd. GM, PNB, Lucknow. The students were also addressed by senior functionaries of the University as well as various other faculty members including Prof. K G Upadhyay, Dean PGS R\&D; Prof. D K Dwivedi, Dean UGS \& E; Prof. A N Tiwari, Dean Student Affairs; Prof. Rakesh Kumar, Chairman CSA; Prof. Udai Shankar, Controller of Examinations; Prof. A K Pandey, Proctor; Prof. SK Soni, Dr. B K Pandey, Dr. Prabhakar Tiwari, Dr. Ravi KGupta, Dr. Abhijit M ishra, Dr. Abhishek KGupta and M edical Officers of M M M UT Dr. A K Pandey and Dr. Reena Banka.

## OTHER UNIVERSITY LEVEL ACTIVITIES

Vriksharopan M ahakumbh
The University celebrated $77^{\text {th }}$ Anniversary of 'Quit India M ovement' as 'Vriksharopan M ahakumbh' on August $9^{\text {th }}, 2019$. A world record of planting 22 Crores saplings in a day was created by Uttar Pradesh on this day and MMMUT too contributed to this herculean task. Contributing to the ' $M$ ahakumbh', plantation drive was carried out in the campus during which more than three hundred saplings of Mango, Neem, Peepal, Amla and Bargad were planted by Hon'ble Vice Chancellor Prof. S N Singh, Registrar Dr. Jeeoot Singh, Dy. Registrar Dr. DK Goswami, other faculty members and staff.

## $73^{\text {rd }}$ Independence Day Celebrations


$73^{7 d}$ Independence Day of India was celebrated in M M M UT on August $15^{\text {th }}$, 2019 with much joy and fervor. Hon'ble Vice Chancellor Prof. SN Singh hoisted the national flag and inspected the parade of University NCC cadets. Before flag hoisting, 'Run for Freedom' was organized wherein boy and girl students participated enthusiastically. University faculty members and staff who had completed 30 years of service and/or likely to superannuate before next Independence Day were felicitated on this occasion. Faculty members who were felicitated during the occasion included Prof. P K Singh, Prof. U C Jaiswal, Prof. A N Tiwari, Prof. A K Pandey, Dr. Shriram, Er. SN Chaudhary, and Dr. Devendra Kandu while Shri Sabhajeet M ishra, Shri Shiv Prasad, Shri Phoolchand, Shri Sharif Ahmad, Shri Dhruv Chand and Shri Balli were amongst the staff members who were felicitated.
 'M alaviya Excellent Student Award' was also presented to the following students who had topped in their respective branches/ years: -

1. Shivesh Tripathi, B Tech (CE), $1^{\text {st }}$ Year
2. KishanRauniyar, $B$ Tech (CE), $2^{\text {nd }}$ Year
3. Pragati Saxena, B Tech (CE), $3^{\text {rd }}$ Year
4. Nikhil Shukla, B Tech (CSE) , $1^{\text {tt }}$ Year
5. Akshat Singh, B Tech (CSE), $2^{\text {nd }}$ Year
6. Yashi Barsaiyan, B Tech (EE) , $1^{\text {st }}$ Year
7. Anupama Chaudhary, B Tech (EE) , $2^{\text {nd }}$ Year
8. Shiv Shankar, B Tech (EE), $3^{\text {rd }}$ Year
9. Mohd. Asad, B Tech (ECE) , 1 ${ }^{\text {st }}$ Year
10. Arima Pranjal, B Tech (ECE) , ${ }^{\text {nd }}$ Year
11. Gaurav Rai, B Tech (ECE) , $3^{\text {rd }}$ Year
12. Shradhhanjali Yadav, $B$ Tech (M E) , $1^{\text {tt }}$ Year
13. Kumari Nisha, B Tech (M E) , $2^{\text {nd }}$ Year
14. Vineeta Singh, B Tech (M E) , $3^{\text {rd }}$ Year
15. Anjali Tripathi, $B$ Tech (CHE), $1^{\text {t }}$ Year
16. Anurag Srivastava, B Tech (CHE) , $2^{\text {nd }}$ Year
17. Ankit Tripathi, B Tech (CHE) , $3^{\text {rd }}$ Year
18. Shubham Singh, M Tech (StructuralEngg.) , $1^{\text {tt }}$ Year
19. Ashish K. Singh, M Tech (Earthquake Engg.), $1^{\text {st }}$ Year
20. Ankit C. Mishra M Tech (Env.Engg.) , $1^{\text {t }}$ Year
21. Arun Tripathi, M Tech (CSE), $1^{\text {tt }}$ Year
22. Garima Verma, M Tech (IT), $1^{\text {tt }}$ Year
23. Tuhina Pandey, M Tech (C\&E), $1^{\text {st }}$ Year
24. Saloni M ishra, M Tech (PED), 1 ${ }^{\text {t }}$ Year
25. Saurabh K. Singh, M Tech (DS), $1^{\text {tt }}$ Year
26. Anamika M. Tripathi, M Tech (Comm.Engg.), 1 $1^{\text {st }}$ Year
27. Swapnil Bansal, MCA, $1^{\text {tt }}$ Year
28. Riya Srivastava, M BA, $1^{\text {st }}$ Year
29. Pooja Gupta, M Sc (Physics), $1^{\text {th }}$ Year

The celebrations included memorable song and dance presentation by kids being mentored by University students under the guidance of President, University Women's Club Smt. Vandana Singh. NSS Cell, under the aegis of Council of Student Activities, also organized a plantation drive on this occasion. Hon'ble Vice Chancellor Prof. S N Singh, President of University Women's Club Smt. Vandana Singh, and various faculty members planted saplingsduring the drive.

MMMUT was ranked $15^{\text {th }}$ in India by India Today Rankings based on a nationwide survey of various govt./ private technical institutions in India.

## Fit India Movement

Hon'ble Prime Minister of India Shri Narendra Modi Ji launched the nationwide 'Fit India M ovement' on August 29', 2019 which happens to be the birth anniversary of Indian Hockey legend Major Dhyanchand and is celebrated as 'National Sports Day' every year. The launching ceremony held at Indira Gandhi Indoor Stadium, New Delhi wastelecasted live in the Aryabhatta Hall of the University. Hon'ble Vice Chancellor Prof. SN Singh, Deans, HODs, Chairman CSA Prof. Rakesh Kumar, Commanding Officer 1 UP EM E Coy NCC Lt. Col. J P M ishra, Associate NCC Officer Lt. K B Sahay, faculty members and students were present during the telecast.


## Teacher's Day Celebration

A cultural evening was organized on September $5^{\text {th }}, 2019$ on the occasion of Teacher's Day. Prof. Himanshu Rai, Director, IIM Indore wasChief Guest of the Ceremony. Hon'ble MLCShri Dhruv Kumar Tripathi, and M r. Naveen Krishna Rai, alumnus of the University and Business Development Manager at IIM Indore were also present during the function. A MoU between M M M UT and IIM Indore for academic co-operation was also signed before the cultural evening. The cultural evening started with the presentation of Malaviya Outstanding Teachers Award to Prof. D K Singh and Prof. Govind Pandey for the year 2019. University students showcased brilliant cultural performance on the occasion organized by the Cultural Sub Council, CSA in the guidance of Dr. B K Pandey, Dr. Ugrasen and Er. Anumita Agarwal.

## Vishwakarma Jayant

Vishwakarma Jayanti was celebrated on September $17^{\text {th }}, 2019$ in the Central Workshop of M MMUT. Hon'ble Officiating Vice Chancellor Prof. K G Upadhyay inaugurated the celebrations and performed puja and havan which had participation from Workshop Superintendent Shri Anjani Kumar Singh, Prof. D K Singh, Prof. Govind Pandey, Deans, HODs, faculty members, students and staff. The event concluded with prasad vitaran and cleanliness drive by staff members of Central Workshop.

## Visit of UGC Team



A four member UGC team visited the University during September $23^{\text {rd }}-24^{\text {th }}, 2019$ for physical inspection/ verification in connection with granting UGC 12 (B) status to the University. Once recognized under UGC 12 (B), M M M UT shall be eligible to receive financial assistance from UGC and other Central Govt. agencies under various schemes. The UGC Team was led by Prof. Uday Kumar Yaragatti, Director, M NIT Jaipur and had Prof. Arvind Gupta, JCBose University of Science and Technology, Faridabad; Prof. SK Singh, DTU, Delhi; and Shri Satish Kumar, UGC as members. The team held meetings with the senior functionaries, teachers, students and staff members and visited the Departments, classrooms, central facilities, hostels etc. On the second day, the team prepared its report and submitted its recommendations to UGC.

## Hindi Pakhwada-2019

Newly constituted Hindi Cell of M M M UT held its maiden event 'Hindi Seminar' on September $30^{\text {th }}, 2019$ on the conclusion of 'Hindi Pakhwada'. Prof. Surendra Dubey, Hon'ble Vice Chancellor, Sidharth University, Kapilvastu and Prof. Chittranjan M ishra, Retd. Professor and Head, Hindi Department, DDU Gorakhpur University delivered invited address during the seminar while Hon'ble Vice Chancellor Prof. S N Singh presided the function. Chairman of Hindi Cell Dr. B K Pandey, Member Dr. Abhijit M ishra, and M ember Secretary Dr. DK Goswami coordinated the event.

## Meeting of Hon'ble Vice Chancellor with Hon'ble Chancellor and Governor of UP



Hon'ble Vice Chancellor Prof. SN Singh along with Registrar Dr. Jeeoot Singh and Hon'ble members of Academic Council and Board of M anagement of the University met Hon'ble Chancellor and Governor of Uttar Pradesh Smt. Anandi Ben Patel on October 23' ${ }^{\text {rd }}, 2019$ while she was in Gorakhpur to preside a ceremony. During the meeting, Hon'ble Chancellor suggested the University to observe financial prudence and avoiding wasteful expenditure. She also suggested the University to focus on generating internal resources as also to help the local terracotta artists by way of technical support. Hon'ble Vice Chancellor briefed her about the various policies, procedures related to Academic Council and Board of $M$ anagement as well as the efforts made by the University to generate financial resources of itsown.


## Vigilance Awareness Week

M M M UT observed 'Vigilance Awareness Week' during October $28^{\text {th }}$ - November $2^{\text {nd }}, 2019$ during which a workshop on 'Integrity: A Way of Life' was organized on October $30^{\text {th }}, 2019$ in the Aryabhatta Hall of the University. Er. Binay Kumar Yadav, Chief M anager (Vigilance), GAIL, New Delhi was the Chief Guest and Invited Speaker of the workshop. Hon'ble Vice Chancellor Prof. SN Singh chaired the session and addressed the audience. Vigilance Officer, M M M UT Prof. Sudhir K. Srivastava, Dr. Sudhir Narayan Singh, Dr. Abhijit Mishra as well as students of the University also spoke on the occasion.Chief Guest Er. Binay Kumar Yadav and Hon'ble Vice Chancellor administered oath of integrity to the faculty, students and staff. Messages of Hon'ble President of India and Chief Vigilance Commissioner, Govt. of India were also displayed during the event. In the end, Er. B K Yadav presented 'Certificate of Commitment' to Hon'ble Vice Chancellor.


Rashtriya Ekta Divas was celebrated in the University on October $31^{\text {tt, }} 2019$ to commemorate the birth anniversary of Sardar Vallabhbhai Patel. Activities of the National Unity Day began in the morning with 'Run for Unity'. In the evening, Hon'ble Vice Chancellor Prof. SN Singh paid floral tributes to the Iron Man of India Sardar Patel and administered Unity Pledge to the faculty members, students and staff. Chairman, CSA Prof. Rakesh Kumar and other faculty members too paid homage to Sardar Patel. On this occasion, a Poster M aking Competition on the theme 'Unity in Diversity' was organized by NSS Cell in the guidance of NSS Coordinator Dr. Rajesh Kumar Verma, and Programme Officers Dr. Swati Gangwar and Dr. Shekhar Yadav. Winners of the competition were felicitated by Hon'ble Vice Chancellor and Registrar Dr.J Jeeoot Singh.


## Samvidhan Divas

Various activities were organized in the campus to celebrate 'Samvidhan Divas' on November 26 ${ }^{\text {th }}$, 2019. A team of University students led by NSS Programme Officers Dr. Navdeep Singh and Er. Anupam Sahu visited local courts and offices to understand the functioning of government institutions. In the evening, Samvidhan Divasfunction was organized in the Arybhatta Hall of the University. During the function Chief Guest Shri Devendra Singh (HJS), Chief Judge, Family Court, Gorakhpur addressed the gathering while Hon'ble Vice Chancellor Prof. SN Singh presided the function. Before this, a skit directed by Smt. Vandana Singh, President, Women's Club, was presented by members of Women's Club namely Smt. M eena Upadhyay, Smt. M adhu Pandey, Smt. Shalini Srivastava, Smt. Sudha Pandey, Smt. Geeta Tiwari, Smt. Vibha Shukla, and Smt. Annu Tiwari to create awareness about the fundamental rights. A drawing competition of school students residing in the campus was also organized on this occasion. The event was
 coordinated by Law Officer ofthe University Shri Surendra Srivastava.

## Malaviya Alumni Meet 2019

Alumni M eet-2019 was organized during December $25^{\text {th }}-26^{\text {th }}, 2019$. Er. Sushil Chandra Mishra, alumnus of the University and currently Chairman \& M anaging Director, Oil India Ltd. graced the occasion as Chief Guest while Er. R M Agarwal, alumnus of the University and currently Chairman \& M anaging Director, ITI Ltd. was present as Special Guest of the occasion. Hon'ble M inister of Technical Education, Govt. of Uttar Pradesh Smt. Kamal Rani Varun presided the inaugural ceremony. 'M alaviya Distinguished Alumni Award' for the year 2019 was presented to Er. R P Tiwari, Engineer-in-Chief and Head (Retd.), Department of Irrigation, UP Govt. and Er. Vishal Singh, Secretary, Varanasi Development Authority, and CEO, Kashi Vishwanath Temple Trust during the meet. On this occasion, former Principal of erstwhile M M M EC Prof. Pande B B Lal and currently Director General, NIET was felicitated with 'M alaviya Teachers Lifetime Achievement Award'. The alumni meet was successfully coordinated by office bearers of M alaviya Alumni Association Er. RS Singh, Vice President, Er. D SSingh, Secretary, and Er. Amit Shankar, Treasurer; Dean Alumni Relations Prof. SK Srivastava under the patronage of Hon'ble Vice Chancellor Prof. SN Singh. Students of the university contributed immensely towards success of the event.

## STC/ WORKSHOPS/ TRAINING PROGRAMMES/ CONFERENCES

## Learn-Building Performance Evaluation

Department of Civil Engineering, M M M UT, in association with Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat organized three days' workshop on 'Learn-Building Performance Evaluation' during July $25^{\text {th }}-27^{\text {th }}$, 2019. Professor Krupesh A Chauhan was Coordinator of this Workshop from SVNIT while Prof. Govind Pandey, Prof. and Head and Er. Vinay Kumar Singh, Assistant Professor were Coordinators from M M M UT. Er. Vinay Kumar Singh visited SVNIT to represent M M M UT duringthe workshop.


## Sustainable Energy for Better Tomorrow



Department of Chemical Engineering, MMMUT and Department of Chemical Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat jointly organized a workshop on 'Sustainable Energy for Better Tomorrow' on August $9^{\text {th }}$, 2019. During the workshop, Prof. Jigisha Parikh, Professor, Chemical Engineering Department, SVNIT, Surat delivered a lecture on 'Process Intensification towards sustainablefuture'.

## Performance Evaluation for Improved Design and Engineering of Buildings

Department of Civil Engineering organized a one week Short-Term Training Programme on 'Performance Evaluation for Improved Design and Engineering of Buildings' organized jointly by Department of Civil Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur and Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology, Surat at Gorakhpur during September $16^{\text {th }}$ $20^{\text {th }}$, 2019. Prof. Govind Pandey, Professor \& Head, CED, MM M UT was Coordinator and Er. Vinay Kumar Singh, Assistant Professor was Co-Coordinator of the STTP.


[^0]Panel of Conference Organizers (POCO-2019)
M M M UT, in association with TEQIP-III, IEEE India Council, IEEE-Asia Pacific (Region 10), IEEE-UP Section, and IEEE Student Branch, MMMUT; organized a one-day International Workshop on 'Panel of Conference Organizers' (POCO-2019) on September 25 ${ }^{\text {th }}$, 2019. The workshop was intended to sensitize and educate the people from academia about ways of enhancing the quality and credibility of conferences specifically how to organize an IEEE sponsored conference. The workshop was inaugurated by Hon'ble Vice Chancellor Prof. SN Singh. Resource Persons of the workshop included Prof. M arcin Papryzcki, Polish Academy of Sciences, Poland; Prof. Joydeep M itra, M ichigan State University, USA; Prof. Ashish Singh, M NNIT, Prayagraj; Prof. DK Sharma, GLA University, M athura; Prof. Amit Kumar, Bio Axis DNA Research Centre, Hyderabad; Dr. Prabakar Tiwari \& Dr. Brijesh Kumar, M M MUT; Dr. P A Manoharan, DRDO, Bengaluru; and Dr. Aseem Chandel, Director, Govt. Engineering College, Banda. M ore than 100 participants attended the workshop including all HODs, faculty member from various departments, IEEE M M M UT student branch members, and participantsfrom other technical institutions in India. Dr. Prabahakar Tiwari, EED, M M MUT coordinated the workshop.

ICT in Advanced Teaching \& Learning for Academicians: A Gateway to Excellence


Department of Humanities and M anagement Science, in association with E\&ICTAcademy, National Institute of Technology, Patna organized a Faculty Development Programme on 'ICT in Advanced Teaching \& Learning for Academicians: A Gateway to Excellence' during October $14^{\text {th }}-18^{\text {th }}, 2019$ with sponsorship from TEQIP-III. Hon'ble Vice Chancellor Prof. S N Singh inaugurated the event along with keynote speaker Dr. Sunita Bharatwal, Department of Commerce \& Management, CBLU, Bhiwani and Prof. S C Jayswal, Head, Humanities \& M anagement Science Department. Dr. Amit Kumar, KNIT Sultanpur; Dr. Virendra Kumar, KNIT Sultanpur; Dr. Sudhir N. Singh, Dr. Ravi Kumar Gupta, Dr. Abhijit M ishra and Dr. Rajesh Singh from M M M UT delivered invited lectures during the FDP. The event witnessed participation of more than 100 faculty members from M M M UT and other technical institutions.

## Advances in Construction Technology and Management

Department of Civil Engineering, M adan M ohan M alaviya University of Teachnology, Gorakhpur and Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat jointly organized a Short-Term Training Programme on 'Advances in Construction Technology and M anagement' during October $14^{\text {th }}-18^{\text {th }}, 2019$ under Twinning Activity with sponsorship from TEQIP-III. Er. S. N. Choudhary and Er. Vinay Kumar Singh coordinated the STTP.


## Data Analytics and IoT

One Week Short Term Training Programme on 'Data Analytics
and IoT' was jointly organized by Department of Computer Science \& Engineering, M M MUT and SVNIT, Surat during November $4^{\text {th }}-8^{\text {th }}, 2019$ at M M MUT. The STTP was inaugurated by Hon'ble Vice Chancellor Prof. S. N. Singh along with Keynote Speaker Prof. Shekhar Verma, IIIT Allahabad. Eminent experts who delivered lectures duringthe STTP included Prof. Tomohisa Wada, University of Ryukyus, Japan; Er. Ravi Pachauri, Optum Global Solutions, Hyderabad; Er. V K Prajapati, Shakti Bhawan, Lucknow; Dr. A P Singh, NIT M eghalaya; Dr. G P Gupta, NIT Raipur; Dr. J S Kumar, M NNIT, Allahabad; Prof. M A Zaveri, SVNIT Surat; Dr. U P Rao, SVNIT Surat; Prof. Rakesh Kumar, Er. Rohit K Tiwari, and Er. Sushil K Saroj, MMMUT. 84 faculty members/ PhD students/ PG students from institutions across India participated during the event. The event was coordinated by Prof. Rakesh Kumar while Er. Rohit KTiwari wasCo-Coordinator of theevent

## Earthquake Resistant Affordable Housing

Department of Civil Engineering, M adan M ohan M alaviya University of Technology, Gorakhpur and National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh jointly organized one-week AICTE sponsored Faculty Development Program on 'Earthquake Resistant Affordable Housing' during November $4^{\text {th }}-8^{\text {th }}$, 2019. The FDP was coordinated by Prof. Govind Pandey, Professor \& Head, CED, M M M UT Gorakhpur; Dr. Pradeep M uley, Assistant Professor, CED, M M M UTGorakhpur; and Dr. Amit Goyal, Assistant Professor, NITTTR, Chandigarh.

## Energy Management in Smart Sustainable Cities

M M M UTorganized atwo days International Workshop on 'Energy M anagement in Smart Sustainable Cities' during November $30^{\text {th }}$-December $1^{\text {tt }}, 2019$ in the Department of Electrical Engineering. The workshop was held under the aegis of a Research \& Development Project titled 'Efficient Coupling OfWater and Energy Technologies for Smart Sustainable Cities' (ECOWET) sponsored by Indo-German Science \& Technology Centre. Hon'ble Vice Chancellor and PI of ECOWET Prof. SN Singh Chaired the Workshop while Prof. A. N. Tiwari, Co-PI of ECOWET was Convenor of the event. Faculty members, research scholars, PG students M M M UT and other academic institutions in India were the intended beneficiaries of the workshop. Mr. Markus Duchon and Mr. Venkatesh Pampana from Fortiss, Germany deliberated on the topics 'Forecasting' and 'Energy M anagement Systems and Protocols' respectively, during the workshop. Mr. Arvind Kumar Rajput and M rs. Janki Jethi, Vice President of GIFT City, Gujarat gave a detailed overview on 'India's First Operational Smart City \& IFSC'. Dr. Narayan
 M Pindoriya, IIT Gandhinagar spoke on 'Current Status of Solar and Wind Energy Systems in India \& ECOWET Project'; Prof. A R Abhyankar, IIT Delhi spoke on 'Introduction to Multi Agent Systems for Decentralized Operation of Power Systems'; and eminent academician Prof. H P Khincha deliberated on 'How much smart our grids and cities actually are'. Experts from Sonnen, Germany delivered webex lecture on 'Energy Storage Devices and State of Art Battery Technologies'.

Research M ethodology, Innovation and Academic Administration in Engineering
Department of Chemical Engineering organized a Short-Term Training Programme on 'Research M ethodology, Innovation and Academic Administration


## Flood M odelling

Department of Civil Engineering organized two days' TEQIP-III sponsored workshop on 'Flood M odeling' during August $29^{\text {th }}-30^{\text {th }}$, 2019 with Department of Civil Engineering, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat under Twinning Activity. Dr. Shriram, Associate Professor, Civil Engineering Department, MM M UT Gorakhpur was Coordinator while Dr. Sneha Gupta, Assistant Professor, Civil Engineering Department, MM MUT Gorakhpur wasCo-Coordinator of the workshop.
Ergonomic Assessment of Workshop Operations
Department of Mechanical Engineering organized a workshop on 'Ergonomic Assessment of Workshop Operations: A case analysis at M M M UT' during September $11^{\text {th }}$ - $13^{\text {th }}$, 2019 in association with Sardar Vallabhbhai National Institute of Technology, Surat.
Curriculum Workshop
Department of Computer Science \& Engineering organized a 'Curriculum Workshop' on September $28^{\text {th }}, 2019$ to modify and revise the existing curriculum. Dr. Atul Dobhal, Principal Scientist, IBM ; Prof. M M Gore, M NNIT, Prayagraj; Prof. Rajeev Srivastava, IIT BHU; Er. Abhay Agrawal and faculty members of department participated in workshop during which a lot of discussion took place regarding existing curriculum.
Smart Energy Systems: Operation and Control
Department of Electrical Engineering organized a Short-Term Course on 'Smart Energy Systems: Operation and Control' during December $17^{\text {th }}-22^{\text {nd }}$, 2019. Dr. Prabhakar Tiwari, Dr. Navdeep Singh and Dr. Shekhar Yadav coordinated the event.

Energy, Environment and M aterial Sciences
Madan Mohan M alaviya University of Technology, Gorakhpur and Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Italy jointly organized three days International Conference on 'Energy, Environment and Material Sciences' (ICE2M-2019) at M M M UT during December $1^{\text {tt }}$ - $3^{\text {dd }}$, 2019. ICE2M -2019 was inaugurated on December $1^{\text {t }}, 2019$ by Prof. H P Khincha, Former Vice Chancellor, Visvesvaraya Technical University which coincided with $6^{\text {th }}$ Anniversary and Foundation Day Celebrations of the University. The conference was sponsored by National Thermal Power Corporation (NTPC), India and IEEE UP Section and witnessed presentation of 114 research papers by participants from China, Egypt, India, Italy, Japan, Nepal, USA and Uganda during 16 technical sessions. Eminent persons from other institutions who participated and delivered keynote address or chaired technical sessions during ICE2M -2019 included Prof. V K Sharma, ENEA, Italy; Prof. K K Shukla, Director, NIT Jamshedpur; Prof. B N Singh, Dean (HR), IIT Kharagpur; Dr. Donatella Barisano, ENEA, Italy; Prof. A S Vidyarthi, Director, Seemant Institute of Technology, Pithoragarh; Shri R K Singh, DGM, NTPC; Shri Ranvijay Pratap, Dy. CM E, NE Railway, Gorakhpur; Prof. V M Mishra, and Prof. Devendra Mohan. The Conference was organized under the patronage of Hon'ble Vice Chancellor Prof. SN Singh while Dr. Jeeoot Singh, MED; Dr. Ravi Shankar, MED; and Dr. Swati Gangwar; MED were Organizing Chairs of the Conference. A major highlight of the Conference was 'Phoolon Ki Holi' organized on December $2^{\text {nd }}, 2019$ during which artists of Ras Mandali, Mathura performed and audiences played holi with flowers in the end.


## DEPARTMENT WISE COURSES WITH INTAKE CAPACITY

| S.No. | Department | Courses with Intake |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | Chemical Engineering Department | B. Tech. (75) | Ph.D. (1) |  |  |
| 2. | Chemistry \& Environmental Science Department | M .Sc. (30) | Ph.D. (1) |  |  |
| 3. | Civil Engineering Department | B. Tech. (150) | M .Tech. ( $4 \times 18=72$ ) |  | Ph.D. (2) |
| 4. | Computer Science \& Engineering Department | B. Tech. (150) | M .Tech. (18) |  | Ph.D. (1) |
| 5. | Electrical Engineering Department | B. Tech. (150) | M .Tech. ( $2 \times 18=36)$ |  | Ph.D. (2) |
| 6. | Electronics \& Communication Engineering Department | B. Tech. (150) | M .Tech. ( $2 \times 18=36$ ) |  | Ph.D. (2) |
| 7. | Humanities \& M anagement Science Department | BBA (60) | M BA (75) |  |  |
| 8. | Information Technology \& Computer Application Department | B. Tech. (75) | M .Tech. (18) | MCA (75) | Ph.D. (2) |
| 9. | M echanical Engineering Department | B. Tech. (150) | M .Tech. $(2 \times 18=36)$ |  | Ph.D. (2) |
| 10. | M athematics \& Scientific Computing Department | M.Sc. (30) | Ph.D. (1) |  |  |
| 11. | Physics \& M aterial Science Department | M.Sc. (30) | Ph.D. (1) |  |  |

## MMMUT STUDENTS GET UPCST GRANT FOR RESEARCH PROJECTS

| Students \& Branch | Project Guide | Project Title |
| :--- | :--- | :--- |
| Anju M aurya \& Vivek Singh (CSE) | Er. Rohit K. Tiwari | Kisan M itra: An Android Application for Smart Farming |
| Shivam Sahu, Panne Lal, \& Anurag Yadav (CSE) | Er. Rohit K. Tiwari | Krishak (Bharatiya Kisan Portal) |
| Atul Pratap Singh (CHE) | Dr. Ravi Shankar | Design and Application of AirPurifier Tower for Indoor and Outdoor Area |
| Shivanand Gupta, Sudhanshu Sahu \& Shani Gupta (ME) | Prof. SCJayswal | Design of Atmospheric Water Harvesting Device based on Absorption/ |
|  |  | Desorption Process |
| Kapildev Verma, Manish K. Pandey \& Ripusudan Patel (ME) | Prof. D K Singh | Design and Fabrication of Wave Energy Converter |
| Manoraj Yadav \& Pritesh Srivastava (ME) | Prof. D K Singh | Power Generation from Speed Breaker Using Rack and Pinion Mechanism |
| Shivangi Jaiswal, Mohd. Umar, Rashi Singh \& Nishant Kumar (ECE) | Prof. SK Koni | Development of IoT based Drone Security System for Woman Safety |

## STUDENT ACTIVITIES

## Jal Divas

NSS Cell, under the aegis of CSA, organized 'Jal Divas' on July $22^{\text {nd }}, 2019$. The celebrations included debate competition on water conservation and poster making competition on the theme '? ? ??? ?? ? ??which witnessed huge participation from NSS volunteers of the University. In the evening, Hon'ble Vice Chancellor Prof. S N Singh, Prof. Govind Pandey, Head Civil Engineering Department and Prof. Rakesh Kumar, Chairman CSA addressed the NSS volunteers and other students on various relevant issues such as environmental pollution, wastage of water, wastewater treatment etc. The event was coordinated by NSS Coordinator Dr. Rajesh Kumar Verma and ProgrammeOfficers Dr. Ram Keval, Er. DhirendraSingh, and Dr. Jyoti.

## Kabaddi Tournament

Sports Sub-Council of CSA organized an inter branch Kabaddi tournament during August $27^{\text {th }}-30^{\text {th }}$, 2019. In boy's category, Civil Engineering Department emerged victorious defeating the team of Electronics \& Comm. Engineering Department in the finals. In girl's category, Chemical Engineering Department and Electronics \& Comm. Engineering Department played the final match which was won by Chemical Engineering Department. Chairman CSA Prof. Rakesh Kumar, Faculty In-Charge Sports Sub Council Dr. Brijesh Kumar, Faculty In-Charge, Kabbadi Dr. Ravi Kumar Gupta and PTI Shri Arun Kumar Singh felicitated the winning teams.

## Workshop on Cyber Bullying



Women's Cell of M M M UT, in association with CSA, Women's Powerline and UNICEF organized a workshop on 'Cyber Bullying' on August 31', 2019 to create awareness among female students, faculty member and staff about cyber bullying, cyber-crimes, legal provisions related to these and whom to approach in case of need. Shri Kumar Vikram, Cyber Peace Foundation conducted the workshop. Hon'ble Vice Chancellor Prof. SN Singh inaugurated the workshop. In his address to the audience, Hon'ble Vice Chancellor called upon the women to identify, resist and seek legal remedies against cyber bullying and crimes. Prof. Rakesh Kumar, Chairman CSA also addressed the audience. Huge participation from female students as well as faculty members was seen during the workshop.

## Heats-19



Cultural Sub Council (Cultural Senate) of the Council of Student Activities (CSA) organized cultural competiton 'Heats-19' on August $31^{\text {tt }}, 2019$ for the newly admitted B. Tech. $1^{\text {st }}$ year students. Vice Chairman, CSA Dr. B K Pandey inaugurated the event. First year B. Tech. students enthusiastically participated in various competitions such as dancing, singing, drama etc. and showcased their talent. Winners of various competitions organized during 'Heats-19' include Dance- Aniket Gupta (ECE), Drama- M anisha M ishra (CE), Singing- M ayank Tripathi (CE), Instrumental- Roshan (CE), and Fine Arts- Saurabh Soni (ECE). Uday Raj Singh (IT) won the 'Best Talent Award'. Top performers of 'Heats-19' shall get an opportunity to perform during the 'M alaviya Alumni M eet-2019'.

## Ethical Hacking Workshop

Technical Sub Council of CSA, in association with IEEE Student Branch, MMMUT and CyberX Securities Ltd. organized a workshop on 'Ethical Hacking and Cyber Forensics' during September $6^{\text {th }}-8^{\text {th }}$, 2019. M ore than 150 students participated enthusiastically in the workshop. Participants were awarded with certificates by Dr. Brijesh Kumar and Mr. Krishna Sharma.

## Drishya



The Social Engineers Board, under the aegis of CSA, organized its annual career counselling event 'Drishya' on
 students in the guidance of Dr. M anish Kumar, Faculty In-charge, SEB. Freshers were given information about various career options such as UPSC, IES, GATE, GRE, CAT, PSUs etc. and choosing the best options for them. Students were also informed about various interesting opportunities arising out of the MoUs signed by MMMUT with various national/ international institutions. M ore than 500 students attended the session and asked questions to clarify their doubts.


## Football Tournament

Sports Sub-Council of CSA organized a football tournament for students during September $14^{\text {th }}$ $16^{\text {th }}, 2019$. Total 8 teams of University students participated in the tournament. Final match of boy's category was played between 'Crypto Knight' and 'Team JCB' which was won by 'Crypto Knight'. In girl's category, team 'Smurf Girls' defeated 'Purple Pride' to become the champion. Winners were felicitated by Faculty In-Charge Sports Sub Council Dr. Brijesh Kumar, Faculty Incharges Football Er. R KTiwari and Er. Anupam Sahu and PTI Shri Arun Kumar Singh.


#### Abstract

TechnoKratos Computer Society of Software Engineers (CSSE), student society of ITCA Department organized its annul festival 'TechnoKratos' on September 17 ${ }^{\text {th }}$, 2019. The festival was organized for the MCA and B. Tech. (IT) $1^{\text {st }}$ year students and witnessed competitions like dancing, sketching, hair styling, craft making, chart/card making, musical chair, mehndi designing, paper dance, balloon dance and stand up comedy. MCA $1^{\text {st }}$ and $2^{\text {nd }}$ year as well as B. Tech (IT). enthusiastically participated in the events. Winners of various competitions were felicitated by Head of Department Prof. SP Singh.


## 'Rann-Neet'' 2019



A team of University students, under the aegis of Sports-Sub Council, CSA participated in the national level sports competition 'Rann-Neeti'-2019 organized by IITM andi during October $11^{\text {th }}-13^{\text {th }}, 2019$ and performed well. Shubham Singh and Rajat Bharati bagged gold and silver medals, respectively in the triple jump competition (boys). Shubham Singh also secured third position in discuss throw (boys) and won bronze medal. Pallavi Jaiswal won bronze medal in longjump (girls). The team travelled to M andi and participated in the competitions in the supervision of University faculty members Er. R KTiwari and Er. Anupam Sahu.

## Rangoli Competition



Council of Student Activities, under the banner of 'Tech-SRIJAN '19, organized 'Rangoli Competition' on October 17 ${ }^{\text {th }}, 2019$ on the theme 'Beti Bachao Beti Padhao'. The event was inaugurated by Hon'ble Vice Chancellor Prof. S N Singh in the presence of Chairman CSA Prof. Rakesh Kumar, President University Women's Club Smt. Vandana Singh, Vice Chairmen CSA Dr. B KPandey \& Dr. Sanjay Mishra, and Er. Dhirendra Singh, Faculty Advisor, SAE
 M MM UT Branch. The entries were judged by a Jury chaired by Prof. Usha Singh, Head, Fine Arts Department, DDUGU. The Jury went through all the Rangolis to decide the winners. Ujali Singh and her team stood $1^{3 t}$ in the competition while rangoli made by Srishti Thakur and team was judged to be $2^{\text {nd }}$ best in the competition. Akshay Srivastav bagged $3^{\text {rd }}$ position.

## Tech-SRJJAN '19



Technical Sub Council, CSA in association with SAE, India; IEEE-UP Section and IEEE Student Branch, MM MUT, organized the 2019 season of three days annual techno-management fest 'Tech-Srijan' during October $18^{\text {th }}-20^{\text {th }}$, 2019. The festival was inaugurated by Hon'ble Vice Chancellor Prof. SN Singh in the presence of Prof. Rakesh Kumar, Chairman CSA; Dr. B K Pandey, Vice Chairman, CSA; Dr. Sanjay Mishra, Faculty In-Charge, Technical Sub Council, Dr. Brijesh Kumar, and Shri Dhirendra Singh, Faculty Coordinator, SAE MMMUT branch. The three-day festival was packed with thrilling events intended to integrate endeavor with intellect. TechSrijan witnessed competitions such as 'Robo-Kriti' (robot making competition), 'Junkyard Warz' (car making competition using scrap), 'Bridge-Kriti' (designing bridges using ice cream sticks), 'ElTiro', 'Ab-Initio', 'tech-Prastuti', 'College Connect' (science model competition for college students), 'Manthan', 'World Parliament', Biz-gyan', science exhibition for school students etc. To add a shade of fun to the festival, several interesting games such as 'Wacky Wires', 'M ini Baja', 'In-cognito' were also organized. A major attraction of this three-day extravaganza was performance by Zephyrtone on EDM Night on October 18 $8^{\text {th }}$, 2019.


## Participation in 'Concetto'

A team of B. Tech. $2^{\text {nd }}$ year students participated and got $2^{\text {nd }}$ position in the 'Robowarz' competition during the annual technical festival 'Concetto' of IIT-ISM Dhanbad during October $18^{\text {th }}-20^{\text {th }}, 2019$. The team comprised of Utkarsh Shukla, Sudhanshu Mishra, Jagjeet Singh, and Rahul Rajput. These students prepared a wired combat robot using scrap that led them to the finals of 'Robowarz' competition.

> Hon'ble Vice Chancellor Prof. S N Singh was nominated as Chair of India Council of IEEE for the second consecutive term. He was nominated Chair ofIEEE India Council for the year 2019 and shall continue for the year 2020 aswell.

## INVITED TALK/ EXPERT LECTURE DELIVERED BY MMM UT FACULTY

1. Prof. DK Dwivedi delivered expert lecture on 'Chalcogenide based materials for humidity sensing' during National Conference on 'Physics and Chemistry of Advanced M aterials' held on November $22^{\text {nd }}-23^{\text {rd }}, 2019$ at M ahatma Gandhi Central University, M otihari.
2. Prof. D K Dwivedi delivered expert lecture on 'Development and characteristics of Se based chalcogenide glasses for photonic applications' on October $14^{\text {th }}, 2019$ organized by Department of Physics, Govt. Engineering College, Bikaner.
3. Prof. D K Dwivedi delivered expert lecture on 'Chalcogenide glass: synthesis, characterization \& applications' during International Conference on Energy, Environment \& M aterial Science held on December 1 ${ }^{\text {st }} 3^{\text {rd }}$, 2019 at M M MUT.
4. Prof. DKSingh delivered expert lecture on 'Advances in M anufacturing' on October 19', 2019 organized at BIT, GIDA, Gorakhpur.
5. Prof. Govind Pandey delivered expert lecture on 'Frontiers in Science and Technology in India' on October $15^{\text {th }}, 2019$ organized by M/s India Glycols Limited, GIDA, Gorakhpur at Junior High School, Piprauli Bazaar, Gorakhpur.
6. Prof. Govind Pandey delivered expert lecture on 'Ongoing Efforts and Vision of M M M UT for Air Pollution Mitigation in Gorakhpur' on November 29th, 2019 at Workshop on 'DevelopingStrategy for Air Pollution M itigation in Gorakhpur' organised by District Disaster M anagement Agency, Gorakhpur.
7. Prof. Govind Pandey delivered expert lecture on 'Present Lifestyle and Ecological Imbalance' on October $12^{\text {th }}, 2019$ organized by Chandrakanti Ramavati Devi Arya M ahila PG College, Gorakhpur.
8. Prof. Govind Pandey delivered expert lecture on 'Recent Innovations in Engineering and Technology' October 19 ${ }^{\text {th }}, 2019$ organized by Buddha Institute of Technology, GIDA, Gorakhpur in association with The Institution of Engineers (India), Gorakhpur.
9. Prof. Govind Pandey delivered expert lecture on 'Jal Hai To Kal Hai' organized by Shri Gorakhnath M andir, Gorakhpur.
10. Prof. Govind Pandey delivered special lecture on 'How to M ake Water Conservation Effective?' organized by Dainik Jagran, Gorakhpur on July $22^{\text {nd }}, 2019$.
11. Prof. Govind Pandey delivered special lecture on 'Technology and Human Welfare' organized by Maharana Pratap Polytechnic, Gorakhpur on September $4^{\text {th }}, 2019$.
12. Prof. P K Singh delivered expert lecture on November $12^{\text {th }}, 2019$ during $5^{\text {th }}$ Refresher Course on Information and Communication Technology organised by UGCHRDC, DDU Gorakhpur University.
13. Prof. Rakesh Kumar delivered expert lecture on 'Internet of Things: opportunities and Challenges' on November $4^{\text {th }}, 2019$ during STTP on 'Data Analytics and IOT' organised by CSE Department, M M M UT.
14. Prof. S K Soni delivered expert lecture on '4G and 5G Wireless Communication System' on November $4^{\text {th }}, 2019$ at DDU Gorakhpur University, Gorakhpur.
15. Dr. Abhijit M ishra delivered expert lecture on 'Positive Psychology' on August $14^{\text {th }}, 2019$ during IPNS-2019 organized at M M M UT.
16. Dr. Abhijit M ishra delivered expert lecture on 'Stress M anagement' on August $9^{\text {th }}, 2019$ during IPNS-2019 organized at M M M UT.
17. Dr. Abhijit M ishra delivered invited lecture on 'Research in Psychology: ICT Tools' on October $15^{\text {th }}, 2019$ during FDP on 'ICT in Advanced Teaching and Learningfor Academicians: A Gateway to Excellence' jointly organized by HM SD, M M M UT and E\&ICT Academy, NIT Patna.
18. Dr. Abhijit M ishra delivered invited lecture on 'Research in Psychology: Qualitative Tradition' on October $16^{\text {th }}, 2019$ during FDP on 'ICT in Advanced Teaching and Learning for Academicians: A Gateway to Excellence' jointly organized by HM SD, MM M UT and E\&ICT Academy, NIT Patna.
19. Dr. Abhishek K. Gupta delivered expert lecture on 'Role of discipline to excel in technical education' on August $9^{\text {th }}, 2019$ during IPNS-2019 organized at MMMUT.
20. Dr. Awadhesh Kumar delivered expert lecture on 'Variable Frequency Transformer: A conceptual Review' during National Workshop on 'Electric Vehicles Need \& Environment' jointly organized by IET, Dr. RMLAwadh University, Ayodhya \& Dr. Ambedkar Institute of Technology, Bengaluru during October $16^{\text {th }}-20^{\text {th }}, 2019$.
21. Dr. B K Pandey delivered expert lecture on 'Role of Art and Literary activities in personality development' on August $10^{\text {th }}, 2019$ during IPNS-2019 organized at M M M UT.
22. Dr. Brijesh Kumar delivered lecture on 'Success Story of UPCON 2018' on September $25^{\text {th }}, 2019$ during International Workshop on Panel of Conference Organizers (POCO-2019) held at M MM UT, Gorakhpur.
23. Dr. Prabhakar Tiwari delivered expert lecture on 'Energy Conservation and Environmental Issues' on October $20^{\text {th }}, 2019$ during National Workshop on 'Electric Vehicles Need \& Environment' jointly organized by IET, Dr. RML Awadh University, Ayodhya \& Dr. Ambedkar Institute of Technology, Bengaluru during October $16^{\text {th }}-20^{\text {th }}, 2019$.
24. Dr. Prabhakar Tiwari delivered expert lecture on 'Energy Conservation' on August 28 $8^{\text {th }}, 2019$ during STC on 'Recent Advances in Renewable \& Emerging Energy Technologies with emphasis on Solar, Wind \& Fuel cell' organised by EED, RECAmbedkar Nagar.
25. Dr. Prabhakar Tiwari delivered expert lecture on 'Role of Extra-curricular \& Co-curricular Activities in Skill Development in Engineering' on August $12^{\text {th }}, 2019$ during IPNS-2019 organized at M M M UT Gorakhpur.
26. Dr. Prabhakar Tiwari delivered expert lecture on 'Technical Writing for Engineers' during workshop on 'Effective Technical Writing for Engineers' organized by UP Textile Institute, Kanpur on October $12^{\text {th }}, 2019$.
27. Dr. Pradeep M uley delivered expert talk on 'Liquefaction Potential of Sites using in-situ Tests' on November $8^{\text {th }}, 2019$ during FDP on 'Earthquake Resistant Affordable Housing' held at M M MUT, Gorakhpur.
28. Dr. Rajesh Kumar Verma delivered expert lecture on 'M achining performance optimization of FRP epoxy composites' on October $11^{\text {th }}, 2019$ at SVNIT, Surat.
29. Dr. Sanjay M ishra delivered expert lecture on 'Advancements in Laser Drilling' on August $8^{\text {th }}, 2019$ organized at MED, REC Azamgarh.
30. Dr. Sanjay M ishra delivered expert lecture on 'M icrofabrication' on October $14^{\text {th }}, 2019$ organized at Shri Ramswaroop M emorial University, Lucknow.
31. Dr. Sudhir N. Singh delivered expert lecture on 'Communication and Soft Skills' on August $10^{\text {th }}, 2019$ during IPNS-2019 organized at MMMUT Gorakhpur.
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Prof. Govind Pandey was interviewed as Expert on 'Rainwater Harvesting' telecast by Doordarshan Kendra, Gorakhpur on July \(22^{\text {nd }}, 2019\).
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32. Dr. Sudhir N. Singh delivered expert lecture on 'Eradicate Corruption—Build a New India' on October $30^{\text {th }}, 2019$ during Workshop on 'Integrity- A way of Life' organized at M M M UTGorakhpur.
33. Dr. Sudhir N. Singh delivered expert lecture on 'Language as a Tool of Communication' on September $7^{\text {th }}, 2019$ organized by MP PG College, Gorakhpur.
34. Dr. Vinay Bhushan Chauhan delivered expert lecture on 'Analysis and Design of Pile Foundations' on October $17^{\text {th }}, 2019$ organized by REC, Ambedkar Nagar.
35. Dr. Vinay Bhushan Chauhan delivered expert lecture on 'Sustainable Solutions for Solid Waste M anagement' on September $4^{\text {th }}, 2019$ during National Workshop on 'Environmental M anagement for Eco-Friendly Infrastructure Development' held at REC, Ambedkar Nagar.
36. Dr. Vinay Bhushan Chauhan served as Resource Person for Short Term Course on 'Geotechnical Site Investigation and Design of Shallow Foundation' organized by CED, BIET Jhansi during November $08^{\text {th }}-10^{\text {th }}, 2019$.
37. Dr. Vitthal L. Gole delivered expert talk on 'Alternative automotive fuels' on August $8^{\text {th }}, 2019$ during Workshop on 'Sustainable Energy for Better Tomorrow' organized by Chemical Engineering Department, M M MUT.
38. Er. Madan Chandra Maurya delivered expert talk on 'Fundamentals of Structural Dynamics' on November $5^{\text {th }}, 2019$ during FDP on 'Earthquake Resistant Affordable Housing' held at M M M UT, Gorakhpur.
39. Er. Rohit Kumar Tiwari delivered expert lecture on 'IoT: Introduction, Issues and Application' on September $30^{\text {th }}, 2019$ during workshop on 'Internet of Things' organised by IT Department, REC Bijnor.
40. Er. Rohit Kumar Tiwari delivered expert lecture on 'M achine Learning Application in IOT' on November $7^{\text {th }}, 2019$ during STTP on 'Data Analytics and IoT' organised by CSE Department, M M M UT.
41. Er. Rohit Kumar Tiwari delivered expert lecture on 'Tree, Binary Tree, B \& B+Tree and its applications' on October 1', 2019 during workshop on 'Data Structure and its Application' organised by IT Department, RECBijnor.
42. Er. Rohit Kumar Tiwari delivered expert lecture on 'Working with HTML' on December 5 ${ }^{\text {th }}, 2019$ organised by Chandrakanti Ramawati Devi Arya Mahila PG, College, Gorakhpur.
43. Er. Sushil Kumar Saroj delivered expert lecture on 'Security of Data in Cloud' on November $7^{\text {th }}, 2019$ during STTP on 'Data Analytics and IoT' organised by CSE Department, MM MUT.
44. Er. Vinay Kumar Singh delivered expert talk on 'Green Education and Innovation In Design of Buildings' on November 23 ${ }^{\text {rd }}, 2019$ during Quality Celebration M onth of L\&TECC at AlIM SSite, Gorakhpur.
45. Er. Vinay Kumar Singh delivered expert talk on 'Liquefaction Potential of Sites using in-situ Tests' on November $8^{\text {th }}, 2019$ during FDP on 'Earthquake Resistant Affordable Housing' held at MM MUT, Gorakhpur.

## GENERALCHAIR/ CHIEFGUEST/ SESSION CHAIR DURINGINTERNATIONALCONFERENCE

1. Prof. P K Singh, Track Chair of Special Session on 'Computer and Software System' in the 3'IEEE Conference on Information \& Communication Technology held during December $6^{\text {th }}-8^{\text {th }}, 2019$ at IIIT, Prayagraj, UP.
2. Prof. P K Singh, Track Chair of Special Session on 'CyberPhysical Security in Critical Infrastructure' in the $3^{\text {rd }}$ IEEE Conference on Information \& Communication Technology held during December $6^{\text {th }}-8^{\text {th }}$, 2019 at IIIT, Prayagraj, UP.

## RESEARCH PROJECTSAWARDED/ ONGOING

1. Prof. SK Soni (Chief Investigator), Dr. Brijesh Kumar, Dr. Rajan Mishra and Dr. Prabhakar Tiwari (Co-Chief Investigators) have been awarded research project titled 'Development of IoT\& Drone based Agriculture M onitoring System with Objective of Skill Development of Socially Deprived Community' (Amt. Rs. 2.97 Crores) by M inistry of Electronics and Information Technology, Govt. of India, New Delhi.
2. Prof. D K Singh \& Dr. Sanjay M ishra, MM MUT; and Prof. TN Desai \& Dr. Ravikant, SVNIT Surat have been awarded research project titled 'Ergonomic Assessment of Workshop Operations: A Case Analysis at M M M UT, Gorakhpur' (Amt. Rs. 2 Lakhs) by SVNIT under TEQIP-III.
3. Mr. S A Siddiqui (PI) and Prof. S K Soni (Co-PI) have been awarded research project titled 'Development of IoT Controlled Frequency/Pattern Reconfigurable M IM O Antenna for Energy Harvesting Systems' (Amt. Rs. 12.97 Lakhs) under CRS by NPIU, TEQIP-III.
4. Dr. Vijay Singh (PI), Prof. D K Singh (Co-PI) and Dr. R K Verma (Co-PI) have been awarded research project titled 'Carbon Nanostructures reinforced epoxy composites for structural applications' (Amt. Rs. 18.55 Lakhs) under CRS by M HRD.
5. Dr. Swati Gangwar has been awarded research project titled 'Properties and oil film thickness analysis of Gear oil based nanolubricants' (Amt. Rs. 15.57 Lakhs) under CRS by M HRD.
6. Dr. Swati Gangwar has been awarded research project titled 'Experimentation Investigation of tribological (Amt. Rs.15.57 Lakhs) under CRS by MHRD.
7. Dr. Swati Gangwar has been awarded research project titled 'Development and Characterization of Polymer based Bio composites for Hip Joint' (Amt. Rs. 2 Lakhs) by M M M UT under TEQIP-III.
8. Dr. Ravi Shankar has been awarded research project titled 'Treatment of industrial wastewater through electrocoagulation using low cost electrode' (Amt. Rs. 2 Lakhs) by M M M UTunder TEQIP-III.
9. Dr. Ravi Kumar Gupta has been awarded research project titled 'Working Conditions of Informal Sector Workers: A Case Study of Informal Workers in KAVALG Cities of Uttar Pradesh' (Amt. Rs. 2 Lakhs) by M M M UT under TEQIP-III.
10. Dr. Rajesh Singh (Co-PI) has been awarded research project titled 'Optimisation of Biogas Production to Distribution Process' by Vedagarbha Renewal Energy Technology Pvt. Ltd., India.
11. Dr. R K Verma, M M M UT and Dr. H K Dave, SVNIT Surat have been awarded research project titled 'Study of pairing effect on M echanical Properties of Hybrid composites prepared using VARTM ' (Amt. Rs. 2 Lakhs) by SVNIT under TEQIP-III.
12. Dr. Pratosh Pal (PI) and Prof. R K Chauhan (Co-PI) have been awarded research project titled 'Gallium Oxide Technology Development for Designing High Power Semiconductor Devices, (Amt. Rs. 14.25 Lakhs) under CRS by NPIU, TEQIP-III.
13. Dr. Prateek Khare has been awarded research project titled 'A Simple Approach for Utilizing the Waste fly-ash Carbon as an Efficient Electrode for M icrobial Fuel Cell Application' (Amt. Rs. 2 Lakhs) by M M M UT under TEQIP-III.
14. Dr. Pooja Lohia has been awarded research project titled 'Generation of Chirped Arbitrary M icrowave Waveforms with Enhanced Performance using Photonic Techniques for Airborne Application' (Amt. Rs. 15 Lakhs) under CRS by NPIU, TEQIP-III.
15. Dr. Jyoti has been awarded research project titled 'Comparative study of activation method for persulphate and its application to toxic water pollutant degradation' (Amt. Rs. 2 Lakhs) by M M M UTunder TEQIP-III.

16. Dr. Dharmendra Kumar has been awarded research project titled 'Design and Analysis of Optical Waveguide for Biosensing Application' (Amt. Rs. 11 Lakhs) under CRS by NPIU, TEQIP-III.
17. Dr. Brijesh M ishra (PI) and Prof. SK Soni (Co-PI) have been awarded research project titled 'Testbed Design for Spectral Sensing of Cognitive Radio with 5G Applications' (Amt. Rs. 17.75 Lakhs) under CRSby NPIU, TEQIP-III.
PhDsSUBMITTED
18. Mr. Durga Prasad submitted his thesis titled 'Design and Development of Reconfigurable Manufacturing System' under the supervision of Prof. SC Jayswal, MED.
19. M s. Anupama Yadav submitted her thesis titled 'Simulation Modeling for Designing and Evaluating Flexible Manufacturing System' under the supervision of Prof. SCJayswal, M ED.
20. M s. Priyanka Jaiswal submitted her thesis titled 'Development and electrical characterization of CNT additive Se-based chalcogenide glasses' under the supervision of Prof. DK Dwivedi, PMSD.

## AWARDS/ RECOGNITION

1. Prof. DK Singh and Prof. Govind Pandey, were awarded with 'M alaviya Outstanding Teachers Award' for the year 2019.
2. Prof. Govind Pandey was nominated the M ember of Executive Council of Dr. A PJ Abdul Kalam Technical University, Lucknow.
3. Prof. DKSingh was nominated Advisor/ Subject Expert by Union Public Service Commission, New Delhi.
4. Dr. Vitthal L. Gole, Dr. Ravi Shankar, Dr. Prateek Khare, and Dr. Jyoti received life membership of Indian Desalination Association.
5. Ms. Aparna Singh received 'Best Speaker Award' from Institute for Social Development and Research, Ranchi.

## MEMORANDUM OFUNDERSTANDING

1. A M emorandum of Understanding for academic collaboration and exchange between M M M UT and Indian Institute of Management, Indore was signed on September $5^{\text {th }}, 2019$.
2. A M emorandum of Understanding for academic collaboration between MM MUT and National Power Training Institute, Faridabad was signed on November 8 th, 2019.
3. A M emorandum of Understanding for academic cooperation between M M M UT and Kamla Nehru Institute of Technology, Sultanpur was signed on November 13 ${ }^{\text {th }}, 2019$.

## EXPERTLECTURESORGANIZED

1. Dr. Om Krishan Singh, M inistry of Electronics \& Information Technology, New Delhi delivered expert talk on 'Research Opportunities in M iety: R\&D in Electronics' on July $16^{\text {th }}, 2019$ organized by Electronics and Communication Engineering Department.
2. Er. Shantanu Srivastava, Microsoft Azure Compute Team, Redmond, USA delivered expert talk on 'Cloud Computing' on August 6th, 2019 organized by Information Technology and Computer Application Department.
3. Mr. Gunjan Srivastava, General M anager, JSG Innotech, New Delhi delivered expert talk on 'Corporate Expectation and Academia' on August 16th, 2019 organized by Humanities and M anagement Science Department.
4. Prof. P Bhardwaj, IIT BHU, Varanasi delivered expert talk on 'Supply Chain and Logistics Issues' on August 27th, 2019 organized by Humanities and Management Science Department.
5. Er. M W Beg, Chairman IEI (India), Gorakhpur Chapter delivered expert talk on 'Advancement in Petroleum Technology' on September 3rd, 2019 organized by Chemical Engineering Department.
6. Prof. Himanshu Rai, Director, IIM Indore delivered expert talk on 'Leadership' on September 5th, 2019 organized by Humanities and Management Science Department.
7. Er. Surendra Kumar, CEL, Ghaziabad delivered expert talk on 'Different areas of Research in RF and M icrowave' on September 6th, 2019 organized by Electronics \& Communication Engineering Department.
8. Prof. T. N. Desai, SVNIT Surat delivered expert talk on 'New Trends in Quality M anagement' on September 12th, 2019 organized by Mechanical Engineering Department.
9. Dr. Ravikant, SVNIT Surat delivered expert talk on 'Design for Environment' on September 12th, 2019 organized by Mechanical Engineering Department.
10. M r. Anurag Ashok, Bharti Airtel, Gorakhpur delivered expert talk on 'Employability Enhancement' on September 13th, 2019 organized Humanities and $M$ anagement Science Department.
11. Prof. Joydeep Mitra, Michigan State University, USA delivered expert talk 'Renewable Energy' on September 26th, 2019 organized by Electrical Engineering Department.
12. Prof. M arcin Papryzcki, Polish Academy of Sciences, Poland delivered expert talk on 'Ethics in/and Research' on September 26th, 2019 organized by Information Technology and Computer Application Department.
13. Er. Pankaj Srivastava, GE Healthcare Inc., USA delivered expert talk on 'Cloud M igration and its Challenges' on September 27th, 2019 organized by Information Technology and Computer Application Department.
14. Dr. Atul K. Dobhal, IBM Research, Bengaluru delivered expert talk on 'Recent Trends in M achine Learning Research' on September 28th, 2019 organized by Information Technology and Computer Application Department.
15. Prof. Kedar Singh, JNU, New Delhi delivered expert talk on 'Recent Developments in Solar Harvesting M aterials' on October 25th, 2019 organized by Physics \& M aterial Science Department.
16. Mr. Shikhar Srivastava, KCC Buildcon, Gurugram delivered expert talk on 'Employability Enhancement' on November 1st, 2019 organized by Humanities and $M$ anagement Science Department.
17. Dr. Jai Gopal Pandey, CEERI, Pilani delivered expert talk on 'CM OS and VLSI Design' on November 2nd, 2019 organized by Physics \& M aterial Science Department.

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18. Prof. Sanjay M edhavi, University of Lucknow, Lucknow delivered expert talk on 'Shift in Organizational System' on November 7th, 2019 organized by Humanities and $M$ anagement Science Department.
19. Prof. Gaurav Sharma, University of Rochester, USA delivered expert talk on 'Digital Signal Processing and its Application' on November 29th, 2019 organized by Electronics \& Communication Department.

## FOREIGN VISITSBY FACULTY/ STUDENTS

1. Hon'ble Vice Chancellor Prof. SN Singh and Prof. A N Tiwari visited Germany during July $8^{\text {th }}-12^{\text {th }}, 2019$ to attend the Progress M eeting of ECO-WET Project.
2. Hon'ble Vice Chancellor Prof. SN Singh visited USA during August $1^{\text {ts }}-7^{\text {th }}, 2019$ to attend the IEEE Convene and had meetings with M alaviya Alumni in USA.
3. Hon'ble Vice Chancellor Prof. SN Singh visited Edinburgh, UK to attend DST-UKIERI Project Workshop during September $15^{\text {th }}-18^{\text {th }}, 2019$.
4. Hon'ble Vice Chancellor Prof. SN Singh visited Tor Vergata University of Rome, Italy to attend IEEE International Conference during October $10^{\text {th }}-12^{\text {th }}$, 2019.
5. M s. Anju Tiwari, B. Tech. (CHE), 3rd year visited University of Windsor, Canada for Summer Research Internship during M ay 2019 to August 2019.
6. Mr. Rishabh Tiwari, B. Tech. (CHE), $3^{\text {rd }}$ year went to University of Pittsburgh, USA during July 20th-23rd, 2019 to attend 'Hesselbein Student Leadership Summit' and was among one of 50 students from the world to be selected for this summit.
7. One student of B. Tech. (CSE), 4th year and B. Tech. (ECE), $4^{\text {th }}$ year visited University of Paro, Bhutan to deliver invited talk on October $29^{\text {th }}, 2019$.

## FACULTY PARTICIPATION IN OUTSIDECONFERENCE/ WORKSHOPS/ TRAINING PROGRAMMES

1. Prof. DK Singh participated in workshop on 'Skills for Industry $4.0^{\prime}$ organized at IIT Delhi on October $11^{\text {th }}, 2019$.
2. Prof. Govind Pandey participated in workshop on 'Developing Strategy for Air Pollution Mitigation in Gorakhpur' organized by District Disaster Management Agency, Gorakhpur on November $29^{\text {th }}, 2019$ in Gorakhpur.
3. Prof. SC Jayswal and Dr. Shekhar Yadav participated in workshop on 'Academic Plan Enhancing Skill \& Placement' organized at Hotel Revanta, Lucknow on August 29 ${ }^{\text {th }}, 2019$.
4. Dr. Abhijit M ishra attended eight weeks online SWAYAM course on 'Positive Psychology 'conducted by Prof. Kamlesh Singh, Department of Humanities \& Social Sciences, IITDelhi.
5. Dr. Abhishek Kumar Gupta participated in $3^{\text {td }}$ National Conference on 'Solid State Ionics' organized at IIT Roorkee, Roorkee December $16^{\text {th }}-18^{\text {th }}, 2019$.
6. Dr. Jyoti participated in Short-Term Training Programme on 'Research M ethodology, Innovation and Academic Administration in Engineering' organized by Saradar Vallabhbhai National Institute of Technology duringJuly $1^{\text {tt}}-5^{\text {th }}, 2019$ at SVNIT, Surat.
7. Dr. Manish Kumar participated in 'AICTE-UKIERI Technical Leadership Development Programme' organized by AICTE in New Delhi during August $6^{\text {th }}$ $8^{\text {th }}, 2019$.
8. Dr. Prabhakar Tiwari participated in IEEE $3^{\text {rd }}$ International Conference on 'Recent Developments in Control, Automation \& Power Engineering' organized by ASET, Amity University, Noida during October $10^{\text {th }}-11^{\text {th }}, 2019$.
9. Dr. Prateek Khare participated in Short-Term Training Programme on 'Waste to Energy: Fuel Cell and Electrochemical Techniques' organized by Saradar Vallabhbhai National Institute of Technology duringJune $17^{\text {th }}-21^{\text {st }}, 2019$ at SVNIT Surat.
10. Dr. Rajan M ishra participated in one day workshop on 'Collaboration between CEL and Academia' organized by Central Electronics Ltd. in Ghaziabad on October $3^{\text {rd }}, 2019$.
11. Dr. Shekhar Yadav participated in workshop on 'NBA accreditation and Digital initiatives enhancing skill and employability of engineering graduates' organized at Hotel Revanta, Lucknow on October 18 ${ }^{\text {th }}, 2019$.
12. Dr. Shriram and Dr. Pradeep Muley participated in two days national conference on 'Recent Developments in Civil Engineering Infrastructure' organized at M aulana Azad National Institute of Technology, Bhopal during September $21^{\text {tt}}-22^{\text {nd }}, 2019$.
13. Dr. Shri Ram Chaurasia chaired Technical Session 02-Hydraulics \& Water Resources Engineering during national reference 'Recent Development in Civil Engineering Infrastructure' organized by Department of Civil Engineering, M ANIT, Bhopal during September 21 ${ }^{\text {st }}$-22 ${ }^{\text {nd }}, 2019$.
14. Dr. Sudhir N. Singh and Ms. Aparna Singh participated and presented a paper titled 'M odeling Soft Skills on Spiritual Grounds for Human Resource Development' during $16^{\text {th }}$ International Seminar on 'Development of Human Resource' organized by Institute for Social Development and Research at Ranchi duringSeptember $14^{\text {th }}-16^{\text {th }}, 2019$.
15. Dr. Pradeep M uley chaired Technical Session 04-Geotechnical Engineering during 'Recent Development in Civil Engineering Infrastructure' organized by Department of Civil Engineering, M ANIT, Bhopal during September $21^{\text {st }}-22^{\text {nd }}, 2019$.
16. Er. M adan Chandra M aurya participated in workshop on 'Environment M anagement Framework for TEQIP-III Institutions (1.1 \& 1.2)- Green Campus Initiative' on July $16^{\text {th }}, 2019$ organized by SPIU- UP, TEQIP-III in Lucknow.
17. Er. Rohit Kumar Tiwari participated and successfully completed SWAYAM Course on 'Practical M achine Learning using TensorFlow'.
18. Ms. Sonia Bhatt and Dr. Abhijit M ishra participated and presented a paper titled 'Impact of Online M arketing Tools on Online Shopping Behaviour in India' during '7 ${ }^{\text {th }}$ PAN IIM World M anagement Conference 2019' organized by IIM Rohtak during December $11^{\text {th }}-14^{\text {th }}, 2019$.
19. Ms. Sonia Bhatt participated in national conference on 'Emerging Dimensions in Artificial intelligence and Soft Computing' organized at SMS, Varanasi during October $19^{\text {th }}-20^{\text {th }}, 2019$.
20. M s. Sonia Bhatt participated in national workshop on 'Scale Development, Refinement \& Construction of Casual M odels - An Application of SEM' organized at GND University, Amritsar during November $4^{\text {th }}-20^{\text {th }}, 2019$.
21. 11 teams of students of CSE Department, under the mentorship of Er. Rohit Kumar Tiwari participated in ACM ICPC-2019 online round, out of which 4 teams selected for onsite round for four different ACM ICPC region. The teams of our university secured below ranks-187, 262, 674,1337, 1400, $1926,2001,2335,3263,3528$ and 3640.
[^1]
## PLACEMENTS

A total of 173 students got placed during the current session since July $1^{\text {st }}, 2019$ as per following breakup: -

| $\begin{gathered} \mathrm{Sr} \\ \mathrm{No.} \\ \hline \end{gathered}$ | Name of Company/ Organization | Branch/ Course wise number of students finally selected |  |  |  |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | CS | EC | EE | ME | Civil | M Tech | MCA | MBA |  |
| 1. | TCS (Code Vita \& NQT) | 62 | 20 | 02 | 0 | 0 | 0 | 0 | 0 | 84 |
| 2. | TCS (Digital Hiring) | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 02 |
| 3. | M icrosoft India (R\&D) Pvt. Ltd. | 01 | - | - | - | - | - | - | - | 01 |
| 4. | Infosys | 0 | 01 | - | - | - | - | - | - | 01 |
| 5. | Jaro Group | 01 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 02 |
| 6. | Humming Wave Technologies | 06 | 03 | - | - | - | - | - | - | 09 |
| 7. | Ericsson Global | 9 | 11 | - | - | - | - | - | - | 20 |
| 8. | NIIT Technologies | 14 | 03 | - | - | - | - | - | - | 17 |
| 9. | Future Generali India Life Insurance | - | - | - | - | - | - | - | 09 | 09 |
| 10. | Global Logic, Noida | 15 | 2 | - | - | - | - | - | - | 17 |
| 11. | NCR Corporation | 03 | - | - | - | - | - | - | - | 03 |
| 12. | Wipro Technologies | 07 | 01 | - | - | - | - | - | - | 08 |
|  | Total | 120 | 42 | 02 | 0 | 0 | 0 | 0 | 09 | 173 |

Of these placements, highest salary package of Rs. 39.0 Lacs per annum was offered by Microsoft India (R\&D) while lowest of Rs. 3.36 Lacs per annum was offered by TCS. The average salary package offered was Rs. 4.33 Lacs per annum.

## PUBLCATIONS

Faculty members of M adan M ohan M alaviya University of Technology published 65 research papers in national/ international journals, 37 research papers in conference proceedings and 12 book chapters during the period of July-December 2019.

## MALAVIYAN IN ENGINEERING SERVICES

Mr. Sonam Verma, alumnus of Madan Mohan M alaviya University of Technology, Gorakhpur qualified the prestigious Indian Engineering Services Examinations 2019 conducted by Union Public Service Commission, New Delhi. He secured $81^{\text {st }}$ All India Rank. Mr. Sonam Verma studied B. Tech. (M echanical Engineering) from MMMUT.


Teenager Rahul Singh, working at the Design Innovation \& Incubation Centre, MMMUT in the supervision of Dr. Jeeoot Singh, MED received $\mathbf{1}^{\text {st }}$ Prize his battery-operated field ploughing machine during the India International Science Festival held in Kolkata during November $5^{\text {th }}-8^{\text {th }}, 2019$.

## First time in MMMUT

- Summer-Term (2 months) for back-logstudents.
- Annual Academic Calendar fixed (six months before commencement of new academic session)
- Doctor of Science (Honoris Causa) Degree in Convocation.
- New awards were introduced in various categories:
a) Faculty: M alaviya Outstanding Teacher's Award (Presented on Teacher's Day every year with Rs 25,000 cash and a citation)
b) Staff: Malaviya Utkrishta Sewa Samman (Presented on $26^{\text {th }}$ January every year with Rs 10,000 cash and a citation)
c) Students: Malaviya Excellent Student Award (presented on $15^{\text {th }}$ August every year) to the outstanding students of each year and branch
- The provision of branch change to the top $10 \%$ students of each branch on the basis of merit
- Challenge evaluation of answer sheets
- Organization of 'M alaviya Research Conclave' every year
- Exchange of students with International Universities
- Payment of professional membership fee to faculty members
- Travel support to allUG/PG students for presenting papers
- Reimbursement of medical insurance to staff and faculty
- Publication of half yearly newsletter 'M M M UTChronicle'
- Organization of IEEE Region 10 (Asia Pacific) events in M M MUT
- Dividing classed in Two-section for ease of teaching and constitution of University Academic Reform Committee.


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- Initiation of various international R\&D projects.
- Four new departments started namely Physics \& M aterial Science; M athematics \& Scientific Computing, Chemistry \& Environmental Science and Humanities \& Management Science).
- December $25^{\text {th }} \& 26^{\text {th }}$ fixed for 'Alumni M eet' every year.
- Ranking in India's best magazines.
- Representation of students at international forum.
- Appointment of year wise B. Tech. Coordinators \& Course Coordinator.
- Provision of ' B ’ Copies in Examination.
- University Steering Committee (including all Deans, HODs, CoE, Chairman CSA, TEQIP Coordinator, Finance Controller, Registrar \& URO) constituted for policy making
- Appointment of University Relation Officer to liaise with media (print \& electronic)
- Promotion of staff members
- Hosting of IEEE U.P. Section ExCom meeting and conference
- Departmental Advisory Chairs' M eet
- Active participation of Women'sClub in social activities
- Regular meeting of students' branch/batch toppers yearwise, mess secretaries of all hostels and event joint secretaries
- Publication of Departmental leaflets
- Started 'Tab 20-20' (Tabs for 20 boys and 20 girls on Foundation Day of University) for M ET (B.Tech.) toppers who take admission in M M M UT
- Publication of University Admission Brochure and Information Brochure in Hindi
- Establishment of Hindi Cell
- Construction of Administrative and Faculty Residence Building
- One faculty appointed Secretary of IEEE Uttar Pradesh Section
- $20 \%$ B. Tech. admissions through JEE M ains (10\% UP domicile and $10 \%$ outsideUP)
- Complete underground power network
- Completely literate MMMUT Campus (including Ward \& M ess ladies and gents)
- UGC visit for 12 B status completed.
- Malaviya Teacher Life-Time Achievement Award/Malaviya Distinguish Award
- Starting of University Farewell function for all staff and teachers on retirement
- Hindi magazine 'Antarnaad' for campus community
- Startingof sponsored and part-time PhD programs.
- Student representation in various University Cells and Committees

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[^2]लघु थोध को एवएवएनयूटी पहुंचा जापानी छात्रोंकादल


सटीक व पहले सूचना देने वाला रहेगा आगे


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## एमएमएमयूटी के कुलपति आईईईई के अध्यक्ष बने

गोरघ्युए। वरिष्ठ संबहताता




पो गउनीकी की बारत पारिए हैं अण्ये






शोध पत्रों की गुणवत्ता बचाना-बढ़ाना बड़ी चुनौती



 यवसम्मीक से कर्व 2020 के खिष की




 की सूसे बही वेश्रेखर सर्था है।
 और केण्ता आीनिषर्रा हस संख्श को



इंडिया इंटसेशनल साइंस ोेलिटवल में उमके युवा वैज्ञानिक रहुल










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एनपौटीआई से मिलकर शोध और एनपाटीआह से मिलकर शोध और
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एमएमएमयूवी पहुंची यूजीसी टीम, की जांच-परख



[^0]:    MMMUT was ranked $44^{\text {th }}$ in the world in coding competence in a ranking done by 'hackerrank.com', an online platform providingtechnically skilled human resource to multi-national giants.

[^1]:    Aniket Raj, B. Tech. (EE), $3^{\text {rid }}$ year student received 'Young Research Scholarship' during 'Intemational Conference Science and Technology Research' organized at Asian Institute of Technology, BangkokduringJuly $26^{\text {th}}-27^{\text {Th }}, 2019$.

[^2]:    Aradhana Singh, B. Tech. (CSE), final year received $1^{\text {t }}$ prize in 'Tech-Challenge 2019', a national level coding/programming competition organized by French multi-national company 'Capgemini' in Pune during November 30"-December ${ }^{1{ }^{\text {th}}, 2019 .}$

