

MUT Chronicles

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

तकनीकी शिक्षा की तपस्थली

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Achievements and Major Work Done During Jan to June 2019

Following are the achievements in academic (teaching and research), University level functions organized, awards and recognitions during Jan-June 2019:

Academics (Teaching and Research) Works

- Ph.D. programs in Chemical Engineering Department, in English and Economics is started from academic year 2019-20.
- MMMUT got sanctioned 55 posts of teachers along with one post of Law Officer, 23 posts of J.L.T. and 10 posts of Computer Operator cum Office Assistant.
- M.M.M. University of Technology, Gorakhpur has been selected for ATAL TINKERING LAB by Ministry of Human Resource Development, Government of India, New Delhi.
- For the betterment and suggestions in the Academics Quality, University Academic Reform Committee (UARC) has been constituted.
- A new and effective U.F.M. rules have been prepared and implemented for the students of the University who cheat during theory examinations.
- Format of degree certificates for B.Tech., M.Tech., M.B.A. and M.C.A. students of the University got modified and also new marksheet templet has been prepared.
- Research initiation grants has been sanctioned to new faculties working in the University to promote them in research work.
- From academic session 2019-20, B.Tech. classes were divided into two sections.
- Following Memorandum of Understanding (MoU) were signed with universities/institutes for the academic collaboration and research work:
 - I.I.I.T. Allahabad
 - University of Wisconsin, Green Bay USA
 - North Dakota State University, Fargo, USA
 - N.I.T. Jamshedpur
 - **IIT Kanpur**
 - **IIT Roorkee**
 - Melbourne University, Australia
 - Central Michigan University, USA
 - Following new courses is to be started from academic session 2019-20.
 - B.Tech. (IT)
 - B.B.A.
 - M.Sc. (Maths)

University Functions

- Annual Alumni Meet 2018 of MMMUT was organized on 25th and 26th December 2018. Prof. B.N. Sharma who has served as
- Principal of erstwhile MMMEC for more than 15 years was Chief Guest of Alumni meet. On this occasion Prof. B.N. Sharma, was honored with first lifetime Malaviya Teachers Achievement award 2018. Prof. R.C. Goel founder HOD Electrical Engineering department was special guest of the function.
- 3rd Malviya Research Conclave (MRC-2019) was organized in University between 24-26 February, 2019. Senior Professors, from various IITs, and other technical Institutes and University delivered lectures in this programme. Prof. R.S. Nirjar, Ex-Chairman, AICTE, New Delhi, Ex-VC, GBU, G.B. Nagar; Prof. M. Rammurti, Chancellor, (Retd. DG CPRT Bangalore) K.L. University, Vaddeswaram, Guntur, AP India; Prof. K.K. Shukla, Director, N.I.T. Jamshedpur and Prof. B.N. Singh, Sr. Staff Engineer, Advanced Technology, John Deere Electronic Solutions, Ave North, Fargo, North Dakota, USA were present.

Awards and Recognitions

- MMMUT, Gorakhpur was ranked 35th in All India Survey of Government Engineering Institute/University conducted by National fame magazine, India Today.
- According to survey conducted by Ranking Times Engineering Institute, MMMUT was ranked 6th in Engineering Institute/University.
- Similar to previous year, on the occasion of Independence Day employee who have completed 30 years of services in University and who are retiring before 15th August 2019 were honored with certificate and shawl.





- Mr. Rahul Singh, 14th years old incubator of University's design innovation and incubator center (DIIC) have been awarded first prize on 5th IISF 2018 organized from 5-8 October 2018 at Indira Gandhi Foundation Lucknow. Rahul Singh also bagged first prize at a competition organized by Science & Technology Council, Lucknow on 15th October 2018.
- Hon'ble Vice-Chancellor, Prof. S.N. Singh has been appointed as IEEE distinguished Lecturer for Power & Energy Society and Industry Application Society.
- Hon'ble Vice-Chancellor Prof. S.N. Singh has been appointed as Vice-Chair Technical Activities 2019-2020 of IEEE Region 10 (Asia-Pacific) and Chairman IEEE India Council 2019-20.
- Hon'ble Vice-Chancellor, Prof. S.N. Singh has been selected for IEEE U.P. Section Prof. G.K. Dubey Memorial Lifetime achievement award 2018.
- Following scholarship, Award & medal have been established for University:-
 - Late Janakraj Singh Memorial Gold Medal
 - "RSRM Tripathi Best Project Award •
 - Late Sri Shiv Narayan Mishra Scholarship
 - R.S. Singh ME'69 Gold Medal
 - Sri Jagannath Singh Gold Medal •
 - Late Sri Ganesh Prasad Shahi Memorial Gold Medal •
 - 1993 Batch Scholarship (six)
- Prof. D.K. Singh. Professor Mechanical Engineering department and Prof. Udai Shanker. Professor. Computer Science & Engineering have been selected for Leadership of Academician Program sponsored by MHRD.
- Miss Aniu Tewari, student of Chemical Engineering department has been selected for Internship at University of Windor, Canada,
- Students of Mechanical Engineering department of University have made a vehicle which was displayed at exhibition held at IIT. Ropar. The team of students got 17th rank in country.
- One student of University has been selected for UNSECO; one student has been selected for International Shooting competition being held in Germany and many students are going for summer training in Spain, Japan & USA.

Other Activities

- State Government have approved construction of new administrative building. 30 type-three residences. 240 bed boys' hostel along with 210 bed girls hostel.
- Constructions of 6 laboratories along with extension of library have been started in University.
- B.O.M. of University has recommended the appointment of Assistant Professor on contract basis for three years on consolidated pay in MBA.
- Appointment for the post of Librarian, Foreman, Dy. Registrar and Assistant Registrar have been completed. •
- Class III employees of non-technical and non-teaching category have been promoted and ACP payable to them was implemented.
- Prof. Kumar Yelaparathi, Electrical & Computer Engineering, Central Michigan University, USA addressed Deans and HODs of the University. Did interaction with student and inspected laboratories on 27-28 February 2019 to find possibilities of MoU between MMMUT and Central Michigan University.
- Departmental leaflet was prepared by different department of University. Visiting Card of all teacher and officers of University have . been printed and distributed to the concerned personnel.
- CUG phone services provided to University teachers, officers and employees has been upgraded by providing approval to New • Tariff plan benefits.
- Promotion of call 4th employees was completed. .

Dr. Jeeoot Singh, Associate Professor MED took charge as new registrar of MMMUT Gorakhpur w.e.f. 19 March 2019

- Canteen facility was started for Girls residing in girls' hostel.
- To provide Amul products to student studying in University, an Amul parlour was started in campus.

Future Activities

- M.M.M. University of Technology, Gorakhpur have applied to UGC to attain 12B status and work is under progress.
- Pending issues of 35 employees of University is being resolved along with this issue relating to service matter of other teachers, officers and employee were also resolved.
- Establishment of new department in University is under process.
- Selection new faculty members

Foreign Visits of MMMUT Faculties/Students

- Prof S.N. Singh, Hon'ble Vice-chancellor MMMUT participated in IEEE Region 10 • ExCom meeting at Singapore January 11, 2019.
- Prof S.N. Singh, Hon'ble Vice-chancellor MMMUT participated in IEEE Region 10 annual meeting at Melbourne Australia from 2-3 March 2019.
- Prof. DK Singh, Mechanical Engineering Department visited Harvard Graduate School, USA under Leadership of Improving higher Education in India International (MHRD) from 6-10 March 2019.
- Prof. Udai Shanker, Computer Science & Engineering Department visited National University Singapore under Leadership of Improving higher Education in India International (MHRD).
- Prof S.N. Singh, Hon'ble Vice-chancellor, delivered keynote lecture in Amity University Dubai Campus Conference on Feb 4, 2019
- Mr. Rishabh Tiwari, (B.Tech. III Year, CHE) attend invited forum on 'United Nation Economic and Social Council (ECOSOC) Youth Forum at New York, USA on 8-9 April 2019'. He has received generous financial support from Malaviya Seva Samiti, Malaviya Alumini Association members Ms. Shobha Singh, Mr. Anurag Srivastatva, Mr. Rohan Singh, Mr. Rajveer Singh (all from 1997 batch) and Mr. Deep Singh (2003 batch).



On behalf of faculties and staffs Hon'ble Vice Chancellor Prof. S.N. Singh donated Rs. 254700 to Hon'ble CM fund for martyrs of Pulwama attack.

NBA Team visited University on 16th March 2019 for extension of Accreditation of B.Tech. programme viz. Electrical Engineering, Civil Engineering and Computer Science Engineering run by the University. All these three programs got accredited for three years, effective from July 2019- June 2022.

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- Ms. Anju Tiwari (B.Tech. III Year, CHE) is on visit to Canada from May 2019 to July 2019 for Summer Research Internship program at University of Windsor.
- Seven B.Tech. students of the University joined University of the Ryukyus, Okinawa, Japan for Summer Internship during June 03 29, 2019.
- Two students of B.Tech., Siddhi Kaul (III Year CSE) and Anand Mohan Gupta (III Year ECE) are on visit at University of Carlos-III Madrid Spain for two months summer Internship from 14 May 2019.

Foreign Visitors

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

- Prof. Kumar Yelaparathi, Electrical & Computer Engineering, Central Michigan University, USA
 Prof. Raj Kumar Buyya, Director, Cloud Computing and Distributed Systems (CLOUDS) Laboratory
- The University of Melbourne, Australia.
- Sri Vikas Kapoor, Deloitte North Carolina USA
- Two students of Ryukyus University Japan visited MMMUT Gorakhpur for one-month long internship from 16 Feb to 15 March 2019.

STC/WORKSHOPS/TRAINING PROGRAMMES

National Conference on Futuristics in Mechanical Engineering (FME-2019

The Department of Mechanical Engineering organized two days National Conference on "Futuristics in Mechanical Engineering (FME-2019)" during March 28-29, 2019 sponsored by TEQIP III. The basic objective of the conference was to expand the horizon of research and innovation in the niche areas of Mechanical Engineering. The conference was inaugurated by Mr. Anil C. Mathur, Former Group Director, Antenna Systems Mechanical Group, Space Applications Centre, ISRO, Ahmedabad and Prof. H.B.Naik, Mechanical Engineering Department, SVNIT Surat along with Hon'ble Vice Chancellor, Prof. S.N.Singh. Five technical sessions and two keynote sessions were organized during which participants from various academic institutions across the country like NIT Patna, NITTTR Durgapur, HBTU Kanpur, NIT Rourkela, BIET Jhansi, Jadavpur University etc. presented their research work. The organizing committee received 105 research papers and after review 51 papers were published in the form of conference proceedings with ISBN



number. The valediction ceremony was held on 29.3.2019 in which 41 participants received the presentation certificate.

One Week Workshop on LaTeX and Its Applications

Department of Computer Science & Engineering organized one-week workshop on LaTeX and its Applications from 11-15 March 2019. The workshop was inaugurated by chief guest of the function, Hon'ble Vice Chancellor Prof. S. N. Singh along with guest of honor Prof. M.M. Gore, MNNIT Allahabad. Dr. Chintan Mandal, Jadavpur University, Kolkata and Dr. Manas Kumar Mishra, GLA University Mathura (UP) were the experts for the workshops. The main objective of the workshop was to make the participants aware about LaTeX. The participants of the workshops were faculty members and PhD scholars of the University. By the end of the workshop, the participants felt confident enough to write their documents, research papers etc. using LaTeX. The event was managed by Prof. A.K. Daniel and Dr. Divakar Yadav who worked as convener and Coordinator respectively for the workshop.

National Conference on Smart Materials, Devices and Sustainable Technologies (SMDST-2019)

TEQIP funded National Conference on Smart Materials, Devices and Sustainable Technologies (SMDST-2019) was focused on topics related to the development, characterization, processing, manufacturing, and applications of new emerging materials. Encompassing the present status, recent advances, and the outlook of a variety of materials and related technologies, the Conference topics were range from fundamental materials development to technological applications. The Conference provided a forum for researchers to share the most recent progress and to develop cooperative research activities in the field of smart materials, devices and sustainable technologies. In SMDST-2019, more than 120 paper were presented which includes keynote speech, 10 invited talk and more than 110 oral presentations.

National Conference on Recent Advances in Chemical Sciences (NCRACS-2019)

The NCRACS-2019 was organized by department of Applied Sciences (Chemistry) from 29-30 March 2019. The conference was projected to provide a common platform for interactions among researchers, chemical scientists and academicians which will open new vistas of scientific works to face new challenges in the area of chemistry for the betterment of human life. It was aimed to explore the innovative and creative ideas through various interactive sessions of the keynote speakers/ resource persons, invited lectures and the participants from the different corners of the country. It also aimed at motivating the young researchers from the different domain of Chemical Sciences to contribute their novel ideas.



Sustainable products are more compatible with human health and the environment. In recent years, the development of sustainable processes to access valuable products is one of the prime aims of modern organic and inorganic synthesis. Organic and inorganic chemistry is an important sub-discipline of chemical sciences that has provided remarkable and sustainable solutions to far-reaching

challenges. It is highly desirable to translate laboratory research efforts into application-oriented outcomes to deliver sustainable products necessary for safe and resilient human life. The conference encompasses all broad disciplines of the Chemistry/ Chemical Sciences and covers the invited Abstracts, full papers and submitted posters from researchers, academicians and chemical scientists on the areas including Polymer Chemistry, Composite Materials, Energy Materials, Nano Materials, Membrane Science, Catalysis/ Photo-Catalysis, Ionic Liquids, Synthetic Organic Chemistry, Drug design, Chalcogens Chemistry, Environmental Chemistry, Carbohydrate Chemistry, Green Chemistry, Solid State Chemistry, Wastewater Treatment, Medicinal Chemistry and other related relevant domains and sub-domains of Chemistry and other inter and intra-disciplinarily streams.

This national conference on Recent Advances in Chemical Sciences: Recent Advances and Future Challenges was aimed to bring together industry, academia and the wider society to deliberate on recent developments in the field of multidisciplinary areas of chemistry and how these developments could be used to meet human needs

in future. NCRACS-2019 staged a panel of experts who discussed cutting-edge research and future challenges in the multidisciplinary areas of chemistry and revitalized meaningful partnership for sustainable development. The deliberation will greatly enhance the mutual exchange of ideas and encourage interactions among the chemical and chemical sciences fraternity. Young researchers, emerging academicians and budding scientists were largely benefited by the interactions with eminent researchers working in multidisciplinary area of chemistry as the same may ignite their minds towards ongoing futuristic research in the above-mentioned areas.

Two Day National Conference on Recent Trends in Devices, Circuits and Communication-2019 (RTDC2-2019)

A two-day National Conference on "Recent Trends in Devices, Circuits and Communication-2019 (RTDC²-2019)" was organized by Electronics and Communication Engineering Department of the university was held on 15th and 16th of April 2019. Major thrust of this Conference was focused on the current research and mainstream of recent trends in devices, circuits and communication for basic sciences and engineering applications. It also solicited the exposure on some of the challenging problems in the design, developments, testing and manufacturing work related to the industries for presentation in the conference. The Conference committee mainly comprises of Prof. S. K. Soni, Chairman, Dr. M. Kumar, Convener, Dr. D. Kumar and Dr. B. P. Pandey, Joint Organizing Secretaries, Sri G. D. Bharti, Joint Secretary and Sri. A. Sahu, Treasurer. The Conference observed a grand success in which all the faculty members,

Treasurer. The Conference observed a grand success in which all the faculty members, Research Scholars and PG students of the department enthusiastically participated

National Conference on Recent Advances in Mathematics and Scientific Computing (RAMSC-2019)

Applied Science Department organized RAMSC-2019 during April 5-6, 2019. This national seminar provided an opportunity to the scholars across the country to come together to debate and explore the new avenues for the better understanding of recent advances in Mathematics and its applications which has been a prerequisite to the holistic development and prosperity of entire humanity. It is an august endeavor that enables scholars to discover and display their competencies in a spirited ambience under the auspices of experienced delegates and scholars. Total 8 resource person were present, and 70 research papers were presented during the conference.

One Day Seminar on Sustainable Technologies for Water Treatment

Department organized one day seminar on 'Sustainable Technologies for Water Treatment' on 08/03/2019. Hon. Vice Chancellor inaugurate the function, he advice young budding engineers to development cost effective technologies for water treatment, reuse and recycle. Sri B. M. Sharma, General Manager, India Glycols Ltd, Dr. Raju K. Gupta, IIT Kanpur, Prof Bikas Mohanty, IIT Roorkee and Dr. Sushil Kumar, MNNIT Allahabad were delivered their expertise during this seminar. This seminar was organized by Dr. Ravi Shankar as convener and Dr. Vitthal L. Gole as secretary.

One Day Workshop on Safety in Chemical Process Industries

Department of Chemical Engineering organized a one day workshop on 'Safety in Chemical Process Industries' on 12 March 2019. Sri M. W. Beg, IOCL, Mathura, Sri Jay Shankar, NIFS Gorakhpur and Dr Ravi Shankar, MMMUT delivered expert lectures during the workshop. This seminar was organized by Dr. Prateek Khare as convener and Dr. Vitthal L. Gole as secretary.

Two day workshop on topic Academic-Industry Interface for Managerial Skills Development

Department of MBA organized Two day workshop on topic "Academic-Industry Interface for Managerial Skills Development" dated 17thJan- 18th Jan, 2019. The keynote speakers of different session were Mr. P. N. Singh CEO Rajputra Automotive Industries India Pvt. Ltd., Lucknow. Mr. Ved Srinivas Consultant, Prognosys Marcom Pvt. Ltd., Gurgaon and Mr. Daniel Arthur. The workshop focused on opportunities lies in industry for MBA students as well as challenges they have to face. Also interface between industry and academy and









their interdependency all around.

Malviya Research Conclave (MRC) 2019

Madan Mohan Malaviya University of Technology, Gorakhpur has started its pioneer annual event "Malaviya Research Conclave (MRC)" under the able and visionary guidance of our Honorable Vice-Chancellor Prof. S. N. Singh. The first MRC-2017, organized during July 8-



rable Vice-Chancellor Prof. S. N. Singh. The first MRC-2017, organized during July 8-11, 2017 was inaugurated by Shri Yogi Adityanath, Hon'ble Chief Minister of U. P. Government. The second one, organized during July 6-8, 2018 was inaugurated by Prof. Sanjay Govind Dhande, a famed educationist and former Director of the Indian Institute of Technology Kanpur, India. The third Malaviya Research Conclave (MRC-2019) was organized during Feb. 24-26, 2019. The conclave was designed to enable engagement between Policy Advisors, Corporate Leaders and Academicians to help in generating a meaningful dialogue between the students as well faculty of our University. It was a staunch platform to nurture the engineering minds towards research, innovation and entrepreneurship, which intends to bring the integrity of the faculty & students towards both industries and academia to redress the academic research challenges, concerns of the entire student community and upcoming entrepreneurs around the country. The prime objective of the conclave was to bring together the students and researchers from all across the University to the wide spectrum of Science, Technology and Engineering fields to a common platform and achieved the followings.

- Enhanced awareness about effective technical paper/report writing, teaching skills, issues of plagiarism, patenting, innovations, entrepreneurship and many more.
- Provided an opportunity to know the on-going research activities of different institutes/universities/colleges across the country and a great platform for budding researchers to get direction about their quality of research from eminent researchers across the country.
- Again, provided an opportunity for individuals faculty to know various research philosophies and development of research environment in the University.
- It was a forum for sharing research work and a platform for new initiatives and partnerships.

Among the speakers at the conclave were Dr. R. S. Nirjar, Ex-Chairman, AICTE, India & Ex Vice Chancellor, Gautam Buddha University, Dr. M. Ramamoorty, Chancellor, (Retd. Director general CPRI Bangalore), K L University, Green fields, Vaddeswaram, Guntur, India, Dr. S. K. Jain, Professor, Department of Management Studies, IIT Delhi, (Former Vice Chancellor, SMVDU, Jammu) and



Former Executive Director, NIESBUD, Ministry of MSME, Govt.of India), Dr. Debatosh Guha, Director, Centre for Research in Nanoscience & Nano-technology, University of Calcutta, West Bangal, Dr. Brij N. Singh, Sr. Staff Engineer - Advanced Technology, John Deere Electronic Solutions (JDES) 4101 19th Ave North, Fargo, ND 58102, Sri Datta Kuvalekar, Director, R & D, Forbes Marshall Pvt. Ltd. Pune and other dignitaries.

An MoU was signed between 1993 batch alumnus and MMMUT Gorakhpur to start 06 "MMMEC 1993 Batch Scholarship" for the toppers of B.Tech. Civil Engg., Electrical Engg., Mechanical Engg., Electronics Communication Engg., Computer Science & Engineering and MCA student.

The conclave activities were be spread over three days (24th – 26th February, 2019) and included with keynote, oral and poster presentation sessions on relevant themes as well as panel discussions on various aspects related to career progression of the young engineers and faculty.

The ultimate aim of this conclave was in making our university more adaptable to face multiple future challenges in the coming years and certainly, we have achieved the goal.

STC on MATLAB/Industrial Automation/Artificial Intelligence: An Introduction

Department of Electrical Engineering organized a Short-Term Course on "MATLAB/Industrial Automation/Artificial Intelligence: An Introduction", during April 2019. The STC was mainly focused for 2nd and 3rd year B. Tech students. Few M. Tech students also participated in the program.

STUDENT ACTIVITIES UNDER COUNCIL OF STUDENT ACTIVITY (CSA)

Annual Sports Meet 2019

Sports Sub Council of CSA organized the 56th Annual Sports Meet (ASM)-2019 during 1-2 February 2019 with great exuberance and high spirits. The event was inaugurated on 1st February 2019 by Chief Guest Er. Rajeev Kumar, CEO, Hindustan Aeronautics Ltd., Lucknow in the presence of Er. S K Srivastava, AGM, Hindustan Aeronautics Ltd., Lucknow as Guest of Honor and Hon'ble Vice Chancellor Prof. S N Singh. Incidentally, both the Chief Guest and the Guest of Honour, both happened to be alumnus of the University. This two day's sports



extravaganza witnessed huge participation from students during 32 events/competitions organized for them. The ASM also saw enthusiastic participation of faculty and staff members during 13 events organized for them. Pallavi Jaiswal (EE 2nd year) was declared the Overall Champion in girl's category while Shivam Kumar (CSE 4th year) was declared to be the Overall Champion on boy's category. Chief Guest of the Closing Ceremony Prof. K G Upadhyay, Dean (PGS) presented the medals and certificates to the winners of various competitions in the presence of other Deans, HODs, faculty members, students and staff.

Abhyudaya-2019

'ABHYUDAYA', a magnificent art, literary and cultural fest hosted by Madan Mohan Malaviya University of Technology, Gorakhpur was held from March 1, 2019 to March 4, 2019. The event was celebrated with pronounced enthusiasm and exceptional excitement by the zealous students of the university. The campus was adorned with breathtaking graffiti art and the multipupose hall was embellished with thematic art. The entire arena enthralled and captivated its spectators.



The first day, was scheduled with a wealth of engrossing events House like the of Commons, Lively Facets. Archiving Emotions and Glittering Hands followed by the preliminary rounds of the other cultural events. Mammoth participation dropped for such entertaining art, literary and cultural events and participants



showcased their peerless talent with utmost zest. The second day brought with itself a succession of vibrant events like Graffiti, Spielberg, Raga, Bandish and Boogie Thrill. The sunshine also brought with itself, yearning rays for the tiny one's of the city. The gripping event of 'Chhote Ustaad' kindled the spirits of the young knacks. The day eased with the tireless and splendid 9XM night, where the students of the university grooved to the beats and unshackled their souls. The third day marked its inception with the most radiant events of Kite Runner, Sketching, Pot Decoration and Hair Styling. The day was accompanied with the other spectacular events like Tarantino, Chaplin and Nukkad Natak. The celebration of the day was heightened by the stupendeous and sensational DJ Dual Vibes night. The students let themselves loose to the melody of the night. The culminating day of Abhyudaya demised for its participants a plethora of events like Splash, Brush Hour, Raider Zone, Don de Paperica, Spunk Munk Fever and Proelium. The evening was elevated to another level by the fascinating and glamorous fashion show 'Hermosa'. The night was dissolved by the prize distribution ceremony and by a final adieu to 'Abhyudaya 2019'. The entire fest was an immense success and carries with itself a bunch of memories, sobs and amusement. We look forward to 'Abhyudaya 2020' with a superlative effort to unleash the undefined hemisphere of ABHYUDAYA.

Carrying forward the legacy of MMMUT, Robotics Club geared up to organize 'Robomania-2019'- A National Level Robotics event from 8th March to 10th March 2019. The three days event provided the young minds a distinctive opportunity to develop and nurture their level of creativity and technical skills through interactive workshops, Web development classes and technical events. The main allurement of ROBOMANIA was its robotics combat ROBOWARS. It was an event of dare, damage and aggression and participants were filled with great enthusiasm with do or die spirit. Participants showcased awe-striking zest and fascinating enthusiasm during this event and all the other events which include mind tickling events like BOMB DIFFUSION, ELECTRONIC CHESS, ELECTRO TEKKEN, ELECTRO NFS, LASER STRIKE and quizzes like REFLEX, CIRCUIT WIZARD and SHERLOCKED. Prodigious creativity of participants was

showcased during the event ELECTONIC ART in which the participant portrayed the beauty of art using electronic components. Online event like TURING and DUBSMASH attracted tremendous participation along with the fun filled informal events like ROADIES and TECH-MATE. All the events are filled with the essence of technical skills and a Really enthusiastic with a pinch of fun and excitement. Every day and every moment the students enriched their skills which also remain pivotal in grooming their personality.

Zone Level National Youth Parliament- 2018

NSS volunteer of the University Ms. Divyansi Srivastava secured 1st rank during the Zone Level National Youth Parliament- 2018 competition organized by the Ministry of Sports & Youth Affairs, Govt. of India. Being the zonal winner, she had the opportunity to participate in the National Youth Parliament Festival-2018 held at Vigyan Bhawan, New Delhi in presence of Hon'ble Prime Minister of India Shri Narendra Modi and Hon'ble Union Minister of Youth and Sports Col. Rajywardhan Singh Rathore.

Computer & IT Awareness Program by NSS

NSS volunteers of the University organized Computer & IT Awareness Program for the students of Government School, Dumri Khurd, Chauri Chaura, Gorakhpur on 6th January 2019. Students of the Govt. School along with their teachers visited IT Resource Centre of MMMUT and were given a basic training about using fundamental computer and IT tools by the students of the University.

Environmental Pollution Awareness Program by NSS

NSS volunteers of the University organized Environmental Pollution Awareness Program for the students of Government

School, Jungle Sikri on 12th January 2019. NSS volunteers visited the school campus and talked about the various aspects of pollution, explained how our simple activities/ habits contribute to pollution and what measures can be taken at the individual level as well as at the collective level to curb pollution. The awareness programme also highlighted the health problems as well as other problems human beings are facing due to pollution.





World Longest Flag Programme

NSS volunteers and Programme Officers enthusiastically participated in the World Longest Flag Programme organized by an NGO on 23rd January 2019 at Paidleyganj, Gorakhpur on Netaji Subhas Chandra Bose Jayanti.

Awareness Programme on Government Policies

NSS volunteers and Programme Officers organized an 'Awareness Programme on Government Policies' on 13th January 2019 in Jangle Sikri for common public.

Abhipreran

Social Engineers Board (SEB), under the aegis of CSA, organized a career counselling event 'Abhipreran' during 19th-20th January 2019 for the 1st year students of the University. The counselling event was conducted by the Senior Students of the SEB to apprise the budding engineers of the various career choices available and how to make the right choice keeping in view their interests and aptitude. Arunoday

The Editorial Board, under the aegis of Technical Sub Council, CSA organized 'Arunoday', a literary event, during 4th-6th January 2019. Spell CZAR

The Editorial Board, under the aegis of Technical Sub Council, CSA organized 'Spell CZAR', a literary event, on 12th January 2019. Innowizion 2K19

University Innovation Cell organized its national level mega event 'Innovizion 2K19' during 9th-10th



February 2019. This event is an annual feature of the activities of University Innovation Cell which intends to provide opportunity to the students of various disciplines to team up and use their creativity and technical knowledge to convert their ideas into successful projects. 'Smart India and Innovative India' was adopted as the theme for 'Innowizion 2k19' which focused on making a Smart India. The event was inaugurated on 9th February 2019 by Hon'ble Vice Chancellor Prof. S N Singh in the presence of Prof. K G Upadhyay, Dean (PGS & R&D). The event was a grand success as it witnessed

participation of 200 teams in I-Quiz and 85 teams in I-EXPO from different institutions of national repute including NITs, state engineering institutions and prestigious private engineering colleges. (Innowizion 2K19' was successfully organized in the supervision of Dr. Manish Kumar, Faculty Advisor of University Innovation Cell and student heads Subodh Rai and Andri. The organizing team contributed its best possible to make it a success.

Springfest-2019

A team of University students participated in 'Springfest-2019', the national level annual cultural festival of IIT Kharagpur organized during 25th-27th January 2019.

BAJA-SAE 2019

A car made by 'Team Raptor' comprising of 25 students of Mechanical Engineering Department bagged the 1st position among the participating institutions from Uttar Pradesh and secured 36th position in India during the national level competition 'BAJA-2019' organized by the Society of Automotive Engineers, India. The car successfully completed during various phases of the competition such as technical evaluation, braking test, dynamic round, sled pull test and endurance test. Final round of the competition took place at IIT Ropar. Harsh Gupta headed the 'Team Raptor' while Shri Dhirendra Singh, Assistant Professor was Faculty Advisor of the team.

SMASH-2019

Sports Sub Council, under the aegis of CSA, organized the annual indoor sports event 'SMASH-2019' during 15th-16th March 2019. The event was inaugurated on 15th March 2019 by Hon'ble Vice Chancellor Prof. S N Singh in the presence of Prof. Rakesh Kumar, Chairman CSA and Dr. Brijesh Kumar, Faculty Coordinator, Sports Sub Council. The event witnessed competitions of indoor events such as Badminton, Carrom, Tennis & Chess. The event concluded on 16th March 2019 with the closing ceremony during which the Chief Guest Dr. Brijesh Kumar presented medals and









certificates to the winners. The event saw participation of more than 400 students as well as teachers and staff of the University.

Voter Awareness Programme

NSS Cell of the University organized a Voter's Awareness Programme on 10th April 2019 to create awareness about the electoral process as well as to encourage people to participate in this process enthusiastically. The programme included a debate competition on the topic 'Mera Vote Meri Takat' as well as oath taking ceremony to ensure 100 % voting during the Loksabha Elections-2019. The prograame was coordinated by Dr. R K Verma, Dr. Pradeep Muley, Dr. B P Pandey, Dr. Ravi Shankar, Dr. Abhishk Gupta, & Dr. Laxmi Kant Yadav. Divyansh Srivastava, Ritik Raj and Maitri Upadhyay, won the first, second and third position respectively during the debate competition.

AAVAHAN-2019

A team of University students participated in national level sports competition 'Aavahan-2019'organized by Dr. Ram Manohar Lohia National Law University, Lucknow during 7th-10th February 2019. Students bagged positions/ medals in various competitions such as 4 x 100-meter relay race, shotput, Discuss throw, 100-meter race, and 800-meter race.

Electra-2019

The Electrical Engineering Department of Madan Mohan Malaviya University of Technology also celebrated its annual technical fest Electra, a three-day extravaganza under the Electrical Engineers' Legation (EEL). Electra 2k19 was held successfully on 11th, 12th and 13th of January 2019. The fest was a part of one of the various technical and social events organized under E.E.L. every year since its inception in 2016. These events are organized every year with the objective to provide platform for the students to showcase their talent with the competitive sprite.



Chess Tournament-2019

Sports Sub Council, under the aegis of CSA, organized 'Chess Tournament-2019' during 15th-17th March 2019 for the students of the University. The event saw participation of students from almost all courses and departments of the University.

Carrom Tournament-2019

Sports Sub Council, under the aegis of CSA, organized 'Carrom Tournament--2019' during 15th-17th March 2019 for the students of the University. The event saw enthusiastic participation of students from various courses and departments.

Table Tennis Tournament-2019

Sports Sub Council, under the aegis of CSA, organized 'Table Tennis Tournament--2019' during 15th-17th March 2019 for the students of the University. Boy as well as girl students of the University enthusiastically participated in the tournament.

NSS Activity

- NSS volunteer Miss Divyansi Srivastava secured ranked first in Gorakhpur zonal level National Youth Parliament 2018 and also successfully participated in National Youth Parliament at Vigyan Bhawan, New Delhi in presence of Hon'ble Prime Minister Shri Narendra Modi and Hon, ble Minister of Youth and sports.
- NSS cell successfully participated in Inaugural function of Swachhata Abhiyan rally by Hon,ble CM of UP on 01/12/2018 at DDU Gorakhpur.
- NSS CELL organized Computer & IT awareness program for the students of Govt. School Dumri Khurd Chauri Chaura Gorakhpur on 06/01/2019 at ITRC MMMUT



- NSS students organized Environment pollution awareness program on 12/01/2019 at Jungle Sikri Gorakhpur.
- NSS volunteers and program officers successfully participated World longest flag program on 23/01/2019 at Paidlegani Gorakhpur on the occasion of Netaji Subhas Javanti.
- NSS cell organized Voter Awareness program 10/04/2019 at MMMUT campus

Joy of Giving

Magnanimity is viewed as the hallmark of the kind. It is a caliber, which should be prominent among the masses. Youth today should be keenly driven by the idea of giving and sharing and so are the students of the Madan Mohan Malaviya University of Technology.

The 'Joy of Giving', dynamic donation episode initiated by team Abhyudaya, among the Malaviyans, was whole-heartedly executed in the campus. The students of the university exhibited mammoth assistance, by giving away a cosmic amount of clothes for donation. Each and every student was foregoingly enlightened about the action of generosity so that the students can put in their prime efforts. The 'Joy of Giving' session was conducted for 5 days and all the donations were congregated and directed to distinct organizations for donation. It is a meticulously practised event of Malaviya University, and it is highly gratified to be a segment of such motion.

Other Student Activities

- Industrial visit for B. Tech. Second Year Chemical Engineering was organized on 27/02/2019, 28/02/2019 and 01/03/2019 at New Sugar Mill, Hata-Kushinagar
- Dr. (Ms) Mausumi Mukhopadhyay, Professor and Head, Chemical Engineering and
 Dr. Arun Kumar, Jana, Associate Professor in Chemical Engineering of Sordar Vallabebbbei Not
- Dr. Arun Kumar Jana, Associate Professor in Chemical Engineering of Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat were visited to Department from 28/03/2019 to 30/03/2019 enhanced twining activity between two institutes.



Scheme Tab 20-20: Distribution of Tablets to first 20 boy and 20 girl candidates, seeking admission at MMMUT as per MET-2019 rank

- 18 students of Second Year B. Tech. Chemical Engineering will participate in 'Summer Research Internship Program' at SV National of Institute of Technology, Surat. This program is part of TEQIP-III twining activity between Mentor and Mentee Institutes. Duration of program will be from 15/05/2019 to 12/07/2019. Research projects will be jointly supervised by faculty members of two Institutes.
- Industrial visit for Second Year B. Tech. Chemical Engineering students was organized on 27/02/2019. 28/02/2019. and 01/03/2019 at New Sugar Mill, Hata-Kushinagar.
- Divya Srivastava, MBA 2nd Year, Selected in SBI PO on dated 01 -01-2019
- Mahvish Abidi, and Vishakha Jaiswal MBA 2nd Year Qualified UGC NET 2019 on dated 05-01-2019
- · Woolen clothes distributed to the needy person by students' Society ESHAN along with faculty CMS on 01-01-2019
- Bhavya Bajpai, Divyabha Gautam, Divya Prakash Pandey Won Award of Appreciation in International Level Business Plan Competition Organized by IIMK (ECHOES`18) and Makeintern.com at IIM Kozhikode Campus on dated 03-02-2019.
- Departmental students' team of 25 members has participated in dynamic round of National level event "SAE-BAJA 2019", on 07-11 March 2019 at IIT Ropar and secured AIR 36 and 1st rank in Uttar Pradesh.
- Departmental students' team of 15 members has participated in dynamic round of National level event "SAE-Ecokart 2019", on 05-09April 2019 at Gautam Buddha University, Greater Noida and secured AIR 6.

Celebration of International Yoga Day 2019

Similar to the previous years this year also the International Yoga Day was celebrated on 21 June 2019. Hon'ble Vice chancellor Prof. S.N. Singh, Finance Controller Sri Amar

Singh, Registrar Dr. Jeeoot Singh and many other faculty and staff members performed Yoga on this occasion under the able instructions of Sri Shailesh Yadav, the Yoga trainer. Prof. S.N. Singh introduced about the benefits of Yoga in ones' daily life. He distributed the prizes to the best performer among the category of employees, students and children. At last he honored the Yoga teacher by presenting a memento. The event was organized under the banner of Council of Student Activities.



Similarly, MMMUT students visiting Ryukyus University Japan also celebrated the International Yoga Day. The faculty and students of the University, coming from various countries such as USA, Australia, Turkey, Italy and Ceylone actively participated in this event. At the end of the event the students of MMMUT Gorakhpur presented a copy of Shrimad Bhagavat Geeta to Prof. Tomohisa Wada.

Foundation Stone Laving Ceremony of Admin block and a Girl's Hostel by Hon'ble Chief Minister, UP

Hon'ble CM of Uttar Pradesh Shri Yogi Aditya Nath Ji laid foundation stone for admin building and one girls' hostel of 210 capacity for the University on 22 June 2019. Four new departments namely Physics and Material Science, Mathematics and Scientific Computing, Chemistry and Environmental Science, and Humanities & Management Science were also created on this occasion. Dr Brijesh Kumar. Pandey, Dr. Devendra Kandu, Dr. Rajesh Kumar Yadav, and Prof. Suresh Chandra Jaiswal were appointed the head of department of these newly created departments respectively. Hon'ble Mayor of Gorakhpur Shri Sitaram Jaiswal, Hon'ble MLA Gorakhpur City Radha

Mohan Agrawal and Hon'ble MLA Pipraich Shri Mahendra Pal Singh were the special guests on the occasion. Hon'ble Vice chancellor presented brief overview of the activities taken place in past few years and steps taken for the upliftment of the University. Hon'ble Vice chancellor also highlighted that the University has signed dozen MoUs with prestigious national and International more than a



Institution/Universities such as Central Michigan University USA, University of Carlos-III Madrid, Spain, Ryukyus University Japan, University of Wisconsin, Green Bay USA, North University, Dakota State USA, Melbourne University, Australia, IIT Kanpur, IIT Roorkee and so many others for exchange of students and faculty, academic activities and also for joint research work. Hon'ble CM expressed his satisfaction toward the progress of the University since its inception and expressed his desire to take more responsibilities in coming years for handling the real social problems with the help of technology. He also insisted from the University stake holders to make efforts so that the University is recognized not only at national but also at International level. The stone laying ceremony was coordinated by Dr. Brijesh Kumar Pandey. At the end the registrar of



University Dr. Jeeoot Singh presented vote of thanks.

Dr. D. Kandu, Associate Professor, Applied Science department started "Late Sri Kalicharan Kandu Gold Medal" award for the topper of M.Sc. Math (specialization in Computing) in the honor of his late father.

List of Employability Skill Programs/ Workshop/Seminar/Expert Lectures organized by the T&P Cell, MMMUT Gorakhpur during Year 2018-2019

| e e ai | | | | |
|-----------|---|----------------------------------|--|--|
| S. No. | Name of Firm/ Company | Date of Event | Details of Event | Target Participant |
| 1. | Different Specialized Courses/ Certification Programs were conducted through following experts from various Companies Mr. Alok Mishra, Mr. Ashish Misra, Mr. Anoop Verma, Mr. Dilip Kumar, Mr. Ankit Srivastava, Mr. Rahul Gupta, Mr. Alok Kumar Pandey, Mr. Amit Jaiswal, Mr. Mudit Mathur, Mr. Santosh Kumar, Mr. Kuldeep Singh, Mr. Brijraj Singh, Mr. Anurag Mishra, Mr. Faij Mohd. Arif Khan, Mr. Hriday Ram Verma, Mr. Danish Jamal, Mr. Jeetendra Singh, Mr. Saurabh Bajpai, Mr. Ankit Ohlan, Mr. Rohan Kumar | 28 Feb to 14 March 2019 | 15 Days Employability Skill Training,/Finishing School/ Industry readiness/Hands-On-Training Programs on IOT, CATIA, MATLAB, Android, Machine Learning, Core- Java, Python, Cloud Computing, Auto CAD were conducted through Twenty (20) experts during 15 Days (28.02.2019 to 14.03.2019) along with certifications in mentioned specialized courses for Interested students. | All final year B.Tech./MCA/ M.Tech. /MBA & Ph.D. students |
| 2. | Mahindra & Mahindra Company and Naandi Foundation | 11-15 March 2019 | Five days Employability Skill Training Program organized | All final year B.Tech/M.Tech, MCA, and MBA students |
| 3. | Mr. Puneet Verma, Nagarro, Gurgaon | 25 April 2019 | One day Interactive Session (Pre- Placement talk) organized by Mr. Puneet Verma Associate Director, Nagarro, Gurgaon. | All B.Tech final year students. |
| 4. | Er. Pawan Pundir, Software Architect, Practo Technologies, Bangalore | 1-5 March 2019 | Python Hands -on-Training Programe. | All B.Tech third and final year students. |
| 5. | Er. Ravi Prakash, National Head, IMS_Volte Network, Bharti Airtel, Gurgoan | 7-8 March 2019 | Industry Expert Talk on Recent Advancement in the field of Communication Systems | All B.Tech third and final year students. |

Invited Talks/ Expert Lectures Delivered by MMMUT Faculty Members

- Prof. D. K. Dwivedi delivered an invited talk on *Synthesis and characterization of Se-based chalcogenide glasses for optoelectronic application* during International Conference on Photonics Metamaterials and Plasmonics (PMP-2019), PMSE Department, JIIT Noida Feb 14-16, 2019.
- Prof. D. K. Dwivedi delivered an invited talk on *Nanotechnology: Past, present and future* during 113/114 Orientation program, UGC-Human Resource Development Centre, D.D.U. Gorakhpur University, Gorakhpur (Feb 8, 2019).
- Prof. D. K. Dwivedi delivered an invited talk on *Recent Advances in non-oxide semiconducting glasses* during National Conference on Advances in Material Science (NCAMS-2019), Department of Physics, Marwar P.G. College, Gorakhpur (Feb 21 to 22, 2019)
- Prof. D. K. Dwivedi delivered an invited talk on *Biotechnological applications of inorganic glasses* During National Seminar on Biotechnological Interventions in Agriculture, Health and Industry (BIAHI), Department of Biotechnology, D.D.U. Gorakhpur University, Gorakhpur (Feb 23 to 24, 2019)
- Prof. D. K. Dwivedi delivered an invited talk on Selenium based non-oxide semiconducting glasses for optoelectronic applications during National Conference on "Recent Trends in Devices, Circuits and Communication" RTDC²-2019, M.M.M. University of Technology, Gorakhpur (April 15-16, 2019).
- Dr Harish Chandra of Applied Science Department Delivered a talk on "LaTeX Typesetting" in refresher Course on Maths, Statistics, Computer Science & Astronomy Scheduled from January 2, 2019 – January 23, 2019, HRD Center Lucknow University, Lucknow (January 14, 2019).
- Dr. Ravi Shankar invited for expert talk in workshop on 'Safety in chemical process industries' on 12/03/2019 organized by Department of Chemical Engineering, MMMUT, Gorakhpur.
- Dr. B. K. Pandey delivered a talk on "Nanofluids Properties and Applications", during National Seminar on Biotechnological Interventions in Agriculture, Health and Industry (BIAHI-2019), Department of Biotechnology, D.D.U. Gorakhpur University, Gorakhpur, India, 23-24 March 2019.
- Dr Rajesh Kumar Yadav delivered a talk on "Graphene Based Photocatalyst for Solar Chemical Production" during National Conference at Baba Bhimrao Ambedkar Central University, Lucknow, February 04, 2019.
- Dr Sudhir Narayan Singh delivered a talk on "Feminist Research Methodology" during Short Term on Research Methodology and Statistics, October 26, 2018, at MMMUT, Gorakhpur.
- Dr Sudhir Narayan Singh delivered a talk on "Ethics in Research" during Short Term on Research Methodology and Statistics, October 24-30, 2018 at MMMUT, Gorakhpur.
- Dr Sudhir Narayan Singh delivered a talk on "Report Writing / Research Paper Writing" during Short Term on Research Methodology and Statistics, October 24-30, 2018 at MMMUT, Gorakhpur.
- Dr Sudhir Narayan Singh delivered a talk on Soft Skills for Professional Excellence during 05th Refresher Course in Information Technology September 15 October 05, 2018 organized by UGC-HRDC, DDU Gorakhpur University, Gorakhpur.
- Dr Sudhir Narayan Singh delivered a talk on "Counselling, Mentoring and Coaching", 111th Orientation Programme held in August 18 — September 14, 2018 organized by UGC-HRDC, DDU Gorakhpur University, Gorakhpur.

- Dr. Bharti Shukla delivered Special Lecture on "Challenges in Services Marketing and Its suggested Marketing Strategies' as Resource person in UGC Sponsored two day National Seminar on the Topic "Integrating Customers Focus Across The Firm: Issues & Challenges Before Services Marketers" on dated 2nd& 3rd of March, 2019 at DDU, Gorakhpur university, Gorakhpur
- Dr. Rajesh Singh Delivered Lecture on Topic 'How to Write Project Proposal', Jointly organized FDP by NIT Patna and KNIT Sultanpur on dated 30-03-2019.
- Dr. Sanjay Mishra Delivered Expert talk on "Lasers for machining of composite materials" TEQIP III sponsored one-week FDP at ITS Engineering College, Greater Noida on 24.1.2019.
- Prof D K Singh Delivered Expert talk on Latest Innovations in Engineering Science & Management at Buddha Institute of Technology Gorakhpur on 30-03-2019.
- Dr. R. K. Verma Delivered Expert talk on "Machining of FRP (Epoxy) composites: A multi-objective optimization approach" at Mechanical Engg. Department, BIET Jhansi on 30-03-2019.
- Prof. Govind Pandey delivered a Special Lecture as Chief Guest on 'Waste Disposal Problem and Remedies' Lecture Meeting on 'Waste Disposal Problem and Remedies' organized by The Institution of Engineers (India), Gorakhpur Local Centre at Buddha Institute of Technology, GIDA, Gorakhpur on January 31, 2019.
- Department of Electronics and Communication organized an Expert lecture on "Recent Advancement in the field of Communication system" delivered by Mr. Ravi Prakash, National Head (Airtel Bharti Pvt Ltd), New Delhi on 07/02/2019 and 08/02/2019.
- Department of Electronics and Communication organized a Hands-on Training Programme for students on "Python" delivered by Er. Pawan Pundeer, Silverline Electronics Online, Bangalore from 1-5 March 2019.
- Department of Electronics and Communication organized an Expert lecture on "Design Approach for secure Data Link of fighter aircraft" delivered by Mr. Gaurish Kumar Tripathi, Scientist-E, DRDO Lucknow (UP) on 14 March 2019.
- Prof. R. K. Chauhan delivered Invited Talk on "Importance of wideband semiconductors in nanotechnology" in national Conference on Recent Trends in Devices, Circuits and Communication-2019 (RTDC²-2019) at MMMUT, Gorakhpur, 15-16 April 2019.
- Mr. D S Singh delivered an expert talk on "Internet of Things and its Application" during FDP organized by department of Computer Science and Engineering, Rajkiya Engineering College, Azamgarh, dated on 11/03/2019.
- Mr. D S Singh delivered an expert talk on "Security Challenges in Internet of Things" during FDP organized by department of Computer Science and Engineering, Rajkiya Engineering College, Azamgarh, dated on 12/03/2019.
- Mr. D S Singh delivered an expert talk on "Security Challenges in Internet of Things", Buddha Institute of Technology, GIDA, Gorakhpur, dated on 31/03/2019.
- Dr. Shiv Prakash delivered an expert talk on "Role of IoT in Academic Research in Engineering, Management and Information Technology" M.J.P. Rohilkhand University, Bareilly, UP, India on 18/04/2019.

Placement 2019

| S.N. | Name of Company / Organization | | | | | | | No. | of | stude | ents | finall | y se | lecte | d | | | | | |
|------|--|----|----|----|----|---|---|-----|----|-------|------|--------|------|-------|----|---|----------|----|-----|-------------|
| | Organization | | S | E | C | E | Е | ME | | Ci | vil | ME | ЗA | M | CA | | Tec h | TO | TAL | GR TOTAL |
| | | В | G | В | G | В | G | В | G | В | G | В | G | В | G | В | G | В | G | |
| 1. | TCS Lucknow | 35 | 14 | 8 | 6 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 47 | 23 | 70 |
| 2. | Wipro Technologies | 5 | 4 | 3 | 8 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 13 | 24 |
| 3. | Globel Logic, Bangalore | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 4 | 11 |
| 4. | Prism Cement Ltd. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 |
| 5. | NIIT Technologies | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| 6. | SSP Packaging Industries Ltd | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 11 |
| 7. | Juspay Technologies Pvt. Ltd. Bangalore | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 8. | Nagarro SW Pvt. Ltd. Gurgaon | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 9. | SSP Packaging Industries Ltd | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 11 |
| | Total | 47 | 22 | 11 | 14 | 4 | 3 | 11 | 2 | 9 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 86 | 4 | 146 |

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- S. Negi, P. Mittal and Brijesh Kumar, "Impact of Different Layers on Performance of OLED" Microsystem Technologies, Springer, Vol. 24, No. 12, pp. 4981-4989, December 2018 (Published by Springer SCI Indexed, Impact Factor 1.581) (ISSN No.:1432-1858).
- S. Negi, P. Mittal and Brijesh Kumar, "Characteristic Performance of OLED Based on Hole Injection, Transport and Blocking Layers" Recent Patents on Engineering, May 2019. Doi: 10.2174/1872212113666190409151647 (ISSN (Online): 2212-4047), (Scopus Indexed).
- 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

Conference Proceeding(s)

• Faculty members and students of Madan Mohan Malaviya University of Technology, Gorakhpur published **131** research articles in international conference proceeding(s) organized across the world between Jan-June 2019.

Book Chapters

- Arti Jain, Devendra K. Tayal, Divakar Yadav, Anuja Arora, Research Trends for Named Entity Recognition in Hindi Language, Lecture Notes on Data Engineering and Communications Technologies, ISSN: 2367-4512, (Accepted, indexed in ISI Proceedings, DBLP)
- Dr. Gole and Dr. Jyoti published article on 'Modified Hand Pump: An Emerging Cavitating Technology for Water Disinfection' in newsletter of IIChE-GRC.
- Dr. Prateek Khare, Dr. Ravi Shankar published book chapter on 'Recent developments in Nano-Carbon-Polymer-Composites for Environmental and Energy Applications', Green Chemistry, IntechOpen, ISBN 978-1-78984-123-7. London, United Kingdom (In Press).
- Dr. Bharti Shukla "Workplace Stress in Banking Industry with Special Reference to ICICI Bank, Gorakhpur" published in Edited Book, Research Trend in Management (Recent Trends Opportunities and Challenges) Volume 2, AkiNik publication
- Dr. Bharti Shukla "BPO industry and its impact on Indian Economy: An Overview" published in Edited Book, Inspira Research Association, ISBN 9788193813102.
- Dr. L. B. Prasad, "Application of IOT Devices for Smart Car Parking System", International Conference on "Advances in Electronics, Electrical & Computational Intelligence (ICAEEC), 31st May- 01 June 2019, IIIT-Allahabad, Prayagraj, to published in MacGraw-Hill Book as a book chapter.
- Dr. A. K. Pandey, "Performance Analysis of Bridge and Bridgeless Converter based SMPS for Power Quality Improvement", Accepted in International Conference on "Advances in Electronics, Electrical & Computational Intelligence (ICAEEC), 31st May- 01 June 2019, IIIT-Allahabad, Prayagraj, to published in MacGraw-Hill Book as a book chapter.
- Chauhan, Vinay Bhushan, 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

Faculty Participation in Conferences/Workshops/STC

- Dr. Pradeep Muley, Assistant Professor, CED, attended a Pre-Symposium Workshop on "Seismic Soil-Structure Interaction for Tall Buildings, Bridges and NPPs" held at Indian Institute of Technology, Roorkee (IIT Roorkee) during 19th December 2018.
- Dr. Pradeep Muley, Assistant Professor, CED, presented research paper in "16th Symposium on Earthquake Engineering (16 SEE)" held at Indian Institute of Technology, Roorkee (IIT Roorkee) during 20-22 December 2018.
- Vinay Kumar Singh attended short term course "Recent Advancement in Earthquake Geotechnical Engineering" at Indian Institute of Technology, Kanpur during 18 Feb 22 Feb 2019.

General Chair/Chief Guest/Session Chair of International Conferences

- Dr. Pradeep Muley, Assistant Professor, CED, Co-Chair a technical session, (Technical Sessions-14) at the 16th Symposium on Earthquake Engineering (16 SEE), Indian Institute of Technology, Roorkee, India, December 2018 (Chairperson: Prof. S. P. G. Madabhushi, Professor, University of Cambridge, U.K.).
- Prof. S. K. Soni, Prof. R. K. Chauhan, Major G. S. Tripathi, Dr.Brijesh Kumar, Dr. Manish Kumar, Dr. Brijesh Mishra and Sri Satish Chandra have been invited as Session Chair in RTDC²-2019, April 15-16 2019.

Research Projects

| Sr. N. | Principal Investigator | Department | Domain of Project | Funding Agency | Amount (Rs.) |
|-----------|------------------------|------------|--|----------------|--------------|
| 1. | Dr. Brijesh Misra | ECE | Information & Communication Technology | AICTE | 1775000 |
| 2. | Mr. Ritesh Kumar | ECE | Information & Communication Technology | AICTE | 1492000 |
| 3 | Dr. Vijay Singh | MED | Material Advanced | AICTE | 1855000 |
| 4. | Mr. Ankit Saxena | MED | Energy | AICTE | 1557000 |

| The | The 10% EWS reservation implemented in the first-year admission of University from academic year 2019-20. | | | | | | | | | |
|-----|---|------|--|-------|---------|--|--|--|--|--|
| 5. | Mr. Shadab Siddique | ECE | Information & Communication Technology | AICTE | 1297000 | | | | | |
| 6. | Dr. Vijay Singh | MED | Material Advanced | AICTE | 1403000 | | | | | |
| 7. | Ms. Rukmani Singh | ECED | Information & Communication Technology | AICTE | 1100000 | | | | | |
| 8. | Mr. Ankit Kumar | MED | Energy | AICTE | 1048000 | | | | | |

PhD Degree Awarded/Submitted

- Pravin Kumar Singh has been awarded PhD degree on "Synthesis and characterization of Se-based chalcogenide glasses for optoelectronic applications" in May 2019 under the supervision of Prof. D. K. Dwivedi.
- Shailesh Kumar Srivastava has been awarded PhD degree on "Flesh Memory" in Feb 2019 under supervision of Prof. P.K. Singh.
- Anurag Dwivedi has submitted his PhD Thesis Titled "Performance Analysis of three phase PWM Rectifier Using Hysteresis Current Control Technique" under the supervision of Dr. A. N. Tiwari.
- Puppu Verma (DTU) has been awarded PhD degree on "Study and Analysis of Cognitive Radio for wireless Networks" Jan 2019 under supervision of Prof. S. K. Soni.
- Puspraj Singh Chauhan (G.B.Pant Institute of Engineering and Technology) has been awarded PhD degree on "Performance Evaluation of Wireless Communication System Over Generalized Fading Channels" on 31 Jan 2019 under the supervision of Prof. S. K. Soni.
- Manisha Bhatt (G.B.Pant Institute of Engineering and Technology) has been awarded PhD degree on Study and Analysis of Wireless Communication System Over Composite Fading Channels 31 Jan 2019 under supervision Prof. S. K. Soni.

Awards and Recognitions

- Prof. S.N. Singh, Hon'ble VC MMMUT has been selected as IEEE R10 vice-chair technical activity-2019 and IEEE India Council Chairman-2019.
- Prof. S.N. Singh, Hon'ble VC MMMUT has been selected as Distinguished Lecturer for Power and Energy Society, IEEE and Industry Application Society IEEE.
- Dr. Prateek Khare published work in Scientific Reports, 9 (1), 2522, 2019 has received the appraisal from Vigyanprasar web portal of Government of India. This work also received the appraisal from Hindu Newspaper. This is one of the pioneer developments for water purification using black soot, it will have greater impact for development lost technology for water treatment and purification.
- Ms. Anju Tiwari student of B.Tech. Third Year Chemical Engineering received 'The Globalink Research Internship' of Canada for her research project on 'Enzymatic Treatment of Industrial Wastewater'. She will work at University of Windsor, Canada under guidance of Prof. Nihar Biwas and internship will start from May – 2019. She is first student of MMMUT who has received this prestigious fellowship.
- Mr. Maharshi Yadav, teaching cum research scholar received Best Poster award in Malaviya Research Conclave (MRC-2019) held on 24-26 February 2019 organized by MMMUT, Gorakhpur.
- Mr. Rishabh Tiwari, a student of Third year B. Tech. Chemical Engineering attend invited forum on 'United Nation Economic and Social Council (ECOSOC) Youth Forum at New York, USA on 8-9 April 2019'. He has received generous financial support from Malaviya Seva Samiti, Malaviya Alumini Association members Ms. Shobha Singh, Mr. Anurag Srivastatva, Mr. Rohan Singh, Mr. Rajveer Singh (all from 1997 batch) and Mr. Deep Singh (2003 batch).
- Mr. Anuj Kumar Mishra, student of Third year B. Tech. Chemical Engineering selected for KIT-SIIC joint venture program of IIT Kanpur and SIDBI Innovation and Incubation Centre.
- Ms. Anumita Agarwal was appointed as Faculty Coordinator for international Business plan Championship Jointly organized by Make Intern & IIM Kozhikode.
- Mr. Bijendra Kumar Pushkar Qualified UGC NET 2019.
- Dr. Ugrasen Worked as faculty coordinator for 15 Days Project, Named "Swavlamban" By SIDBI in Mahakumbh-2019, Prayagraj.
- Sanjeev Kumar Mall (B.Tech Final Year) Presented a Paper in Thailand.
- Prof. D.K. Singh and Prof. Udai Shanker have been selected for LEAP sponsored by MHRD.
- Dr Brijesh Kumar and Dr Divakar Yadav received the Outstanding Contribution Award 2018 from IEEE Uttar Pradesh Section (Region-10), on January 19, 2019 at IIT Kanpur for grand success of 5th IEEE Uttar Pradesh Section Int. Conf. on Electrical, Electronics and Computer Engineering (UPCON-2018), Gorakhpur (UP), Nov. 2-4, 2018.
- Dr Brijesh Kumar received the Best IEEE Student Branch Award 2018 as Faculty Counsellor from IEEE Uttar Pradesh Section (Region-10) on January 19, 2019 at IIT Kanpur for large number of activities organized during the year 2018.
- Dr. Brijesh Kumar, received Appreciation Certificate and Chegg Memento from Chegg India Pvt. Ltd., New Delhi on March 27, 2019.
- Dr. Brijesh Kumar, received Appreciation Certificate from DST and Texas Instruments University Program from DST and Texas Instruments, India University Program, New Delhi for the contribution towards online context throughout the academic year 2019

Expert Lectures Organized at MMMUT Gorakhpur

- Prof. S. P. Chaursia, Department of Chemical Engineering, Malaviya National Institute of Technology, Jaipur delivered expert talk on 'Chemical Engineering History and Future' on 25/02/2019 as part of Malaviya Research Conclave.
- Prof. S. P. Chaursia, Department of Chemical Engineering, Malaviya National Institute of Technology, Jaipur delivered expert talk on 'Research in Chemical Engineering' on 26/02/2019 as part of Malaviya Research Conclave.
- Dr. (Ms) Mausumi Mukhopadhyay, Professor and Head, Chemical Engineering, SVNIT, Surat delivered expert talk on 'Novel Wastewater Techniques' on 28 March 2019.
- Dr. Arun Kumar Jana, Associate Professor in Chemical Engineering, SVNIT delivered expert talk on 'Petroleum Refining' on 29 March 2019..
- Prof. S. K. Jain Professor, Department of Management Studies, IIT Delhi, (Former Vice Chancellor, SMVDU, Jammu), Former Executive Director, NIESBUD, Ministry of MSME Gov. Of India, Delivered Special Lecture as Keynote Speaker on Topic 'Intellectual Property Rights' at Center For Management Studies on the Event Malaviya Research Conclave on 25 Feb 2019.



Prof. Mirza S. Saiyadain, Visiting IIM Professor, Lucknow, Lucknow, U.P., (Retd. Former Professor, IIM Ahmedabad) Delivered Special Lecture as Keynote Speaker on Topic 'Case Study- Critical Analysis' at Center For Management Studies on the Event Malaviya Research Conclave on 26 Feb 2019.



- Delivered Special Lucknow Lecture on Basics of Mechanical Engineering on Feb, 01, 2019.
- Mr. S.K. Srivastava, AGM HAL Lucknow Delivered Special Lecture on Future Scope of Mechanical Engineering on Feb, 01, 2019.
- Prof. HB Naik SVNIT Surat Delivered Special Lecture on Basics of Cryogenics on March 28, 2019.
- Er. A.C.Mathur, (Retd) ISRO Centre Ahmedabad Delivered Special Lecture on Materials for Aerospace Engineering on March 28, 2019.
- Expert Talk on "Mastering Algorithms and Data Structures Puzzle through Exhaustive Approach" delivered by Er. Nihal Srivastava, Platform Engineer, Directi Gurgaon March 06, 2018.
- Expert Talk on "Digital Disruption: Technology and Career" delivered by Er. K K Chaudhary, Executive Director, IT & IS, LANCO Group of Companies, March 26, 2018.
- Expert Talk on "Artificial Neural Networks and its Applications" delivered by Prof. R K Srivastava, Dr Shakuntala Mishra National Rehabilitation University Lucknow, Feb 24, 2018.
- Mr. Vikas Kapoor, Sr. Manager, Deloitte, North Carolina, USA delivered an expert talk on Recent trends in IT industry Feb 5, 2019.
- Mr. Puneet Verma, Associate Director, Nagarro, Delhi, delivered an expert talk on Placement Scope in Nagarro March 26, 2019.
- Mr. Vivek Singh Kushwaha (1993 batch Alumnus of CSE) Implementation Director, OneShield Software Solution Pvt. Ltd. Gurgaon delivered an expert talk on Machine Learning on Sept 28, 2018.

Promotion and Appointment of Non-teaching Officers and Staffs

(a) Following non-teaching staffs got promotion in year 2019:

| Name of Staff | Old designation | Current Designation | Name of Staff | Old designation | Current Designation | |
|-----------------------------|--|------------------------|-------------------------------|--------------------|----------------------------|--|
| Sri Naveen Kumar | Peon | Junior Assistant | Sri Drup Chandra | Draft man | Sr Lab Technician | |
| Sri Ganesh Kumar | Boiler Attendant | Mechanic Grade 'B' | Sri Ashok Kumar | Jr Lab Technician | Sr Lab Technician | |
| Sri Taiyab Ali | Peon | Mechanic Grade 'B' | Sri Krishna M. Pathak | Mechanic Grade 'A' | Jr Lab Technician | |
| Sri Shyam Sunder | Mechanic Grade 'A' | Jr Lab Technician | Sri Ashok Kr Misra | Mechanic Grade 'A' | Jr Lab Technician | |
| Sri Jai Prakash | ash Mechanic Grade 'B' Mechanic Grade 'A' Sri Narendra Singh | | Sri Narendra Singh | Mechanic Grade 'B' | Mechanic Grade 'A' | |
| Smt Indra Srivastava | Junior Assistant | Senior Assistant | Sri Krishna M. Gupta | Junior Assistant | Senior Assistant | |
| Sri Chandrashekhar | Junior Assistant | Senior Assistant | Sri Rajendra Kr Srivastava | Junior Assistant | Senior Assistant | |
| Sri Jagannath P. Gupta | Junior Assistant | Senior Assistant | Sri Ashok Kr Shahi | Junior Assistant | Senior Assistant | |
| Sri Vishwa Vijay Singh | Junior Assistant | Senior Assistant | Sri Rambahal Yadav | Junior Assistant | Senior Assistant | |
| Smt. Sadma Mirza | Junior Assistant | Senior Assistant | Sri Sabhajeet Misra | Senior Assistant | Head Assistant | |
| Sri Rakesh Kr Srivastava | Head Assistant | Administrative Officer | Sri Manoj Baloni | | Asst Accountant | |

(b) New recruitment of following non-teaching officers has been completed:

| S.N. | Name of staff | Designation | Date of Joining | के 40 टॉपर को दिए जाएंगे टैबलेट | की नियु |
|------|----------------------------|---------------------|-----------------|---|---|
| 1. | Dr. Devendra Kumar Goswami | Deputy Registrar | 21 Feb 2019 | स्थापना दिवस पर सम्मानित किए जाएंगे मेधावी, प्रबंध बोर्ड ने की संस्तुति | मोरखपुर। भटन मो प्रेयोरिकी विकासि सिंहह सम्र 2019-21 |
| 2. | Sri Pradeep Kant Singh | Assistant Registrar | 20 Feb 2019 | अगर उसला करूगे जोतावाग घटन भारत कालके। जेतावान जिल्लावाला की अप दारत काल कि के सदस्य नामित जातावा कार्यवार का के के स्वी के सदस्य नामित | गोरखापुरः भटन मोह प्रीयोरिकी विकासित रेविक सत्र 2019-20 तिवसी के मितने का र गया है। सीमवार की हु की बैठक में जिसकी |
| 3. | Sri Mudit Yadav | Assistant Registrar | 15 March 2019 | होडायनी राज्यभारतना की आते. हे अर्थती कर्यन प्रदेश करने काले 40 इल्लूस्ट प्रदर्शन करने काले 40 इल्लूस्ट प्रदर्शन करने काले 40 | या समिति ने मुता लग दिनें राज्य सरकार ने 55 नए पदी का सुज |
| 4. | Sri Vivek Kumar Yadav | Librarian | 22 April 2019 | भयागण का टेम्पर प्रथन क्या वाहवा को देमों देमों के आ अपने दिना काली भारत बांदू थीं तो इस दीपन भरी वई समस्त कोटे का ताभ लेने के लिए तही है। एक दिस्तंबर को महीन देमजावित सर्वाप्तर प्रदान मुख्यतं प्रेर क्रिकरणों ने कार के अर्थन्तात कार्यसार्व के समय विजयतिवारण के सम्मार कि लिए जो की प्रार्थनीय स्वार्थनी प्रदान की र अर्थेलीत नहीं किता का स्वार्थना देमजाया सामक | रियुक्तियां हो जाने विश्वविद्यालय में तिक्षय लाधन देगुनी हो ज |
| | Sri Brijesh Singh | Foreman Instructor | 16 Feb 2019 | पर 20 धार और 20 सावजें को जनमांगर्क अभिकारी अभिकी मोट आमादित हो जाने पर भयन कारवा होगा. पुरुषकृत किया सरारा, अपने कोई जिला ने काराय कि कोई ने प्रथेशा अभ्यापीयों को अभिनेत्रों के सीट एलडिप्रेंट होने की पिली में ये होने अपने की संस्तृत प्रदान करती : प्रक्रिया कुल करती की पी से ही के सावलाप के लिया सराप्तन पुना जिलीद कारण 13 सार्य 2019 | साज-तिश्वक अनुपत साथ पराई को गुणपता स्वर्थ जयंती स |

Malviyans in GATE 2019

| Branch | No. of Students in 2018-19 | Students Appeared in Gate 2019 | No. of Students Qualified |
|--------------------------------|----------------------------|--------------------------------|---------------------------|
| Civil Engineering | 154 | 120 | 57 |
| Computer Science & Engineering | 144 | 106 | 55 |
| Electronics & Comm. Engg. | 139 | 87 | 43 |
| Electrical Engineering | 146 | 77 | 41 |
| Mechanical Engineering | 139 | 117 | 45 |
| | 722 | 507 | 241 |

About the Chief Editor:

Dr Divakar Yadav is Assoc. Professor in the department of Computer Sc. & Engg. He did his B.Tech., M.Tech. and Ph.D. in Computer Sc. & Engg in 1999, 2005 and 2010 respectively. He spent one year at University of Carlos-III, Madrid Spain as Post-Doctoral Fellow. He supervised 5 PhD thesis, 18 M.Tech. dissertations and published more than 80 research articles in reputed International journals and conference proceedings.

एमएमएमयटी : बीटेक प्रवेश परीक्षा एमएमएमयुटी : 80 शिक्षकों

त के समय प्रस्तुत केंद्रमा में कई आरम के सरक समय प्रस्तुत का समय केंद्रीकर प्राय



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