Computing VISION

Faculty of Engineering & Computing Sciences

A Student Magazine

Volume 7, Issue 2
Oct - Dec 2021

CONTENTS

Conferences
Workshops
FDPs
Fresher Party
Animation Day
Best Project award
Festival Celebrations
Certificates
Principal Excellency Award
News Corner

CCSIT idea factory

A Voice of an effort...

Teerthanker Mahaveer University Moradabad,Uttar Pradesh
www.tmu.ac.in

VISION

To be internationally recognized as a premier institution of excellence, providing quality education, research and consultancy services to the global society.

MISSION

Our endeavor is to impart knowledge and develop critical skills necessary to succeed both in professional and personal life by promoting learning supported by world-class faculty, infrastructure, technology, curricula and collaborative teaching and research with premier institutions in India and abroad.

Focus

In our quest to make the university a destination for world-class education, following nine-fold priority areas have been identified for actions: Teaching and Learning: Create conducive environment for an interactive and application oriented experiential learning. Research: Foster research orientation in students and faculty in basic and applied areas in all disciplines.

Consultancy Services: Take academic proficiency to corporate and community by providing cost effective solutions People: Make Teerthanker Mahaveer University a preferred destination for work and study.

Global Perspective: Encompass a national and international. viewpoint into teaching, research and consultancy.

Good Governance: Bring transparency and accountability in university operations. Social Relevance: Position itself as a catalyst for social change.

Entrepreneurial Culture: Nurture entrepreneurial capabilities to accelerate growth.Sports and Culture: Provide ample opportunities to develop sportsmanship and love for culture and national heritage

Message Board

Shri Suresh Jain

Shri Suresh Jain, Hon'ble Chancellor, TMU

Albert Einstein said, "Education is not about learning of facts but training young minds to think." There is a big difference between cramming up facts and learning them so that they can be applied in productive ways. We try to work towards holistic development of our students by providing them the tools and experiences that encourage our students to think. The aim is to create empowered minds so that students are able to decide what is good for them, Let us all invoke the blessings of Lord Mahaveer as we march ahead and gear up to myriad managerial, economic, societal, and environmental challenges. Extending my best wishes for the success of the forthcoming issues of the magazine 'Computing Vision'.

Shri Manish Jain

Shri Manish Jain, Hon'ble Group Vice Chairman, TMU

The college has vigorously on giving its budding talents a new path and attitude in order to make them capable of facing the real world challenges. Our alumnus is true example of our intellectual capital. The consistent and stellar placement record of TMU is a result of extraordinary exposure and experience that students get at TMU and the fact that we nurture here not just able managers but future citizens of the world. Hope this magazine proves to create dynamic bond between the college and the alumni.

Shri Akshat Jain

Shri Akshat Jain Steemed member, TMU

Life poses innumerable challenges and the goal of education is to help one to successfully brave through the rough seas of struggle, strife and hurdles. The strength of character developed in this college holds good for the rest of one's life. A student is made to blossom intellectually, morally and spiritually.

I entreat the Almighty to shower His blessings in plenty upon the faculty and staff of the college in their efforts.

Respected Vice Chancellor, TMU

Keeping in view the changing trends in academics, research and innovation, the education sector is witnessing a massive change and to excel— it is necessary to 'accept the change'. The effective use of technology and technology-mediated or blended mode of teaching and learning approach has now become a norm. With the National Education Policy 2020, as a guiding source, we need to work towards implementing the principles and ideas enshrined in the policy in totality. We have already begun to implement it in a phased manner and we are also guiding some academic institutes for effective implementation of the policy. I am happy that our University is putting right steps in adopting the change and is contemporary in its approach

I convey my good wishes to the principal, faculty and staff of the college in their endeavors. Hope this magazine proves to create dynamic bond between the faculty and student

Prof. Raghuvir Singh

Respected Director & Principal, FOCS, TMU

We believe that education is a process of awakening individual potential to creative knowledge, but more importantly enlightening students with the wisdom that they must "never put a price tag on their heart and soul". A good career is important but a good character is paramount. We believe that 'individuals' are the atoms that hold tremendous power within to serve as agents of change and thus are confident that our students, enriched with a sense of high morality and social responsibility will be makers of a virtuous society.

"Courage is the most important of all the virtues because without courage, you can't practice any other virtue consistently."

Prof. R.K Dwivedi

IEEE TECHNO DAY

IEEE Day 2021 is celebrated in FoECS, TMU from 7-9 October 2021. In IEEE Day Worldwide celebrations demonstrate the ways in which thousands of IEEE members in local communities join together to collaborate on ideas that leverage technology for a better tomorrow. Director Dr Rakesh Kumar Dwivedi emphasizes on different Dimensions of IEEE Benefits to its members and association of IEEE with TMU from 2013.In FoECS TMU Celebrations Begins with inauguration of Girls Coding Club" She Coders" By Director FoECS Dr Rakesh Kumar Dwivedi."She coders" is a Girls Coding club with a vision to prepare Girls Students for various competitive National and international hackathons, it is Founded By Ms Rohaila Naaz, Assistant professor FoECS, and her Team. Various activities has been done under umbrella of IEEE day celebrations Such as VLogging and Blind Coding on day 1 ,Vlogging topic theme was Technical and limited to only 5 mins .Activity Coordinators Ms Anu Sharma, Mr Tushar mehrotra and Dr. Megha Sharma has decided on first second and third position of this event. Chitral Jain, Khusboo pathak and Mohd shuaib were the winners for first second and third positions respectively.

For Blind coding Mr Rupal Gupat, Mr Aman Kumar, Mr P.K Shah and Mr Vivek Kumar given problems to participants and winners have been decided after two rounds of coding. Winners of this event were Vaibhav jain,Shivam Gupta and Aniket Sinha for first, second and third position respectively, Students actively participated in this event and enjoys brainstorming of real life problems through coding.

On Second day Power Point presentation judged by Activity coordinators Ms Hina Hashmi, Mr Ajay Chakrawarti and Mr Ajay Rastogi ,Topics such as "Why Tik-Tok banned", "How to live in a more sustainable way" were given to participants, and the winners were Gargi Sharma, Manish Kaushik and Ayush kumar Sharma for first , second and third positions respectively. In Poster presentation activity coordinators decided topics such that "Digital India" and "Technology" ,in which various students has participated and made posters in both hand made and digital category, result will be declared by activity coordinators Ms Shikha Gambhir and Mr Jyoti Ranjan Labh ,winners were Varun ,Apoorve Mittal, and Khushi Agarwal for Fisrt ,second and third position respectively.

Day 3 is dedicated for writing and creativity ,Three events were conducted on that day, Blog Writing(general), Blog writing (technical) and Model presentation. Blog writing (general) is started with Topics such as "Building a start-up", "Freelancing", students articulated their topics well and winners are judged by activity coordinators Ms Indu tripathi and Ms Inderjeet jeetey, winners for First position are Lakshita Chaudhary and Rahul jain, for second position Neeshu and Arsalna Bi, and for third position Devansh Nandan Sharma has been selected.

In Blog writing (Technical) students penned down their understanding in simple terms on topics like "Block chain technology" ,"cyber crime" and judged by activity coordinators Dr Parag Agarwal, Dr Gulista Khan ,Ms Neeraj Kumari and Mr. Ratnesh Shukla ,winners of this events were Arpit Jain, Ashok, Samyak jain and Aashvi jain for first, second, Third positions respectively.

In Model presentation both hardware based and software based projects model were presented which are judged by activity coordinators, Mr R.P Pandey, Ms Ranjana Sharma, Dr Arpit Jain and Mr Ashish Bishnoi. problems of Touch free Bell is proposed by winning Team which is supposed to provide solution in this Corona era.

Winners of IEEE day 2021 will be provided with winning trophies and certificates. Overall "IEEE day 2021 Techno Fest" is Organized by Ms Rohaila Naaz and Dr Vinay mishra under the guidance of Director FoECS Dr Rakesh Kumar Dwivedi and HoD (CCSIT) Dr Ashendra Kumar saxena.

Navratra-The Bhakti Mahotsava

On the occasion of Navratri; Navratri Bhakti Mahotsav was organized by BBA iNurture in LT-5 of Faculty of Engineering and Computing Sciences-FOECS, TMU, Moradabad. The program was started by the Director and Principal of FOECS, Prof. Rakesh Kumar Dwivedi, Head of the Department Prof. Ashendra Kumar Saxena, Proctor Dr. Shambhu Bhardwaj, Program coordinator of iNurture Mr. Avinash Saxena and the students by garlanding the idol of Maa Durga and lighting the lamp. On this occasion, devotional poster making, devotional singing and devotional dance competitions were also organized in which students participated with enthusiasm. The program was anchored by Yugansh Pratap and Akanksha Massey, students of iNurture BBA Brand Management.

In the group dance competition organized during Navratri Bhakti Mahotsav, Anushka and Muskaan of BBA Brand Management 3rd year got first place, Tanish, Shardul, Gaurav and Harshit of BBA Brand Management 2nd year got second place and Visakha and Nandita of BFA second year got third place.

In Solo Dance Competition Umang Agarwal of B.Tech CTIS Final Year stood first, Kumkum Saini of BBA Brand Management first year got second position and Hardik Jain of B.Tech CSE Final Year stood third.

In Singing Competition Sarvgya Choudhary, Bhavesh Jain and Pushkar Gupta of B.Tech IBM got first place, Anjali Tyagi of B.Sc. Honors CS 2nd year got 2nd position and Sangeet of BCA i-Nurture 1st year got 3rd position.

In the poster making competition, Muskan Jain of BFA Final Year got first position, Princy Jain of BFA Final Year got second position and Priyanka Saini of BBA Brand Management first year got third position.

Director and Principal, FOECS, Prof. Rakesh Kumar Dwivedi appealed everyone to increase mutual love and mutual cooperation with the grand Aarti of Maa Durga and conveyed his warm wishes to the students along with guiding them for their better future.

On this occasion, the jury members were Dr. Zareen Farooq, Ms. Inderjit Jithee, Ms.Indu Tripathi and Ms.Hina Hashmi. Dr. Vishwas, Mr. Navneet Vishnoi, Mr. Ajay Tiwari, Mr. Manish Tiwari, Mr. Ashish Srivastava, Ms.Preeti Saini, Mr. Vikas Verma, all the teachers, staff and students were present. The sponsors of this event were Bikano and NAV-EDU.

CELEBRATION OF GARBA ON DATED 12th OCTOBER , 2021
Faculty of Engineering & computing Sciences

Chief guest -----Professor R.K. Dwivedi, Director and Principal , FOE&CS

Schedule of Garba Evening

1- Lamp lighting pooja
2- Photo Session
3- Stall visit Venue- Ground floor FOE Time- 2.00 to 2.10pm

Dance performances

1- Harshita Solo dance, 2-Devanshi Solo dance , 3- Ananya pandey Group dance , 4- Harshit Jain Solo dance , 5- Shrishti Mittal Solo dance, 6-
Unnati Solo dance , 7- Ankita Solo dance, 8- Hardik Jain Solo dance
9- Anjali Solo dance , 10- Ananya Pandey Solo dance, 11- Malvika
Solo dance, 12-Umang Solo dance, 13- Shruti Jain Solo dance, 14-
Nadeem Solo dance, 15-Sonam jain Solo dance .

In the open dance competition Ms Sonam Jain stood first , Ms Harshita Bajeta second and Master Umang Agarwal won third position .

1- Apoorv Mittal Stand up Comedy
2- 2-Bhavita (Instrument play)
3- Ramp walk for best outfit male/ female(Just glimpses)
4- Winner announcement

Venue –LT-2 , Time – 2.15 pm to 3.15 pm

5- DJ -----0n ground floor , Time -3.20 pm to 4.30 pm

REPORTING OF THE PROGRAM:

Garba is a form of dance which originates from the state of Gujarat The name is derived from the Sanskrit term Garbha (Womb) and Deep (a small earthen ware lamp) . traditionally it is performed during the nine day , Hindu festival , Navaratri . during this festival Durga (Amba) Pooja is performed and dances are performed to please the Devi Durga.

The students of FOE & CS gathered on FOE ground and decorated stalls. The organizing team invited the chief guest Professor R. K. Dwivedi , Director and Principal for the inauguration of Garba festival. Professor Dwivedi ignited the lamp along with all the faculty members from FOE & CS, students. The photo session was done for the inspirational session.Professor Dwivedi and team along with students visited the stalls . The students showed lot of enthusiasm and whole hearted participation.

After finishing this inaugural session every one moved to LT-2. The anchors , Shuruti and Shubbam welcome every one in the LT-2 . Professor Dwiveedi , Director and Principal spoke the importance of Garba and cause of its celebration in Gujarat . He said this is a kind of worship

performed during Navaratri, on 9th day .And started inviting the energetic dances. Both solo and group dances were full of energy. (Participants as given above). The dances were highly ppreciated and students enjoyed extremely.

The session ended with prize distribution and vote of thanks.After the LT-2 dances, the students shed their sweat on the ground With thrilling songs on DJ hot music.The program ended with lot of applauses. The co-ordinators, Neha Anand , Dr. Gulista Khan , Hina Hashmi , Dr. Asim Ahmad , Mr. Manish Tewair, Dr. Shambhu Bhardwaj , Dr. Zareen Farooq , Ms Indu tripathi all HOD's , COD's , faculty members of all departments were present.

Written by
Dr. Asim Ahmad

Certificates

COMBATING CY-BER CRIME CHAL-LENGE & LEGAL RESPONSE

SUB: A Report on Seminar on "COMBATING CYBER CRIME CHALLENGE & LEGAL RESPONSE"
Combating Cyber Crime Challenge & Legal Response
Organized by Faculty of Engineering & Computing Sciences, TMU

Date: 13thOctober 2021

Event: A Report On Seminar On "Combating Cyber Crime Challenge & Legal Response"
Organized By Faculty Of Engineering & Computing Sciences, TMU
Audience: All Faculty members of FOECS, TMU & all students of FOECS TMU
Schedule Date: 13thOctober, 2021
Schedule Time: 10:00 am-4:45 pm
Venue: TMU Auditorium
Faculty I/c: Prof. RC Tripathi
Resource Person: Adv. Anuj Agarwal CEO Cyber gyan in, Prof. Raghuvir Singh Hon'ble Vice Chancellor TMU, Shri Babloo Kumar SSP Moradabad, Shri Shalabh Mathur DIG Moradabad, Shri. Suresh Jain Chancellor TMU, Dr. Ganesh Gupta DSP CO Highways Moradabad, Prof. Jai Shanker Singh Professor & Dean Faculty of Law Allahabad University, ShriPulin Kumar Sr. Legal Director Adidas India, Shri Ashish Chandra Ex Associate Director Legal Whats App India, Shri Tarun Goyal Director Cybrotech & Product Manager, Threatspike, U.K.

No. of Beneficiaries:150 Faculty Members of FOECS, TMU & 500 students of FOECS TMU

Resource Person Profile:
1) Adv. Anuj Agarwal
Cyber & Privacy Law, Block-Chain, Crypto-Currency, Cyber Security, Frauds Investigation & Forensics, GDPR, SOC2, HIPAA, SEBI & RBI Cyber Security Compliance, Start-ups, Trainings Digital Forensics, Cyber Security, VAPT, App Testing, Data Protection and Privacy, Compliances like GDPR, SOC2, NIST, HIPAA, PDPA, SEBI/RBI/IRDA cyber security framework, Data Protection Officer, Criminal Law, Fraud Investigation, Trainings on Cyber Security and Cyber Law
2) ShriBablooShrivastav IPS-PR-2009 SSP Moradabad
Shri Babloo Shrivastav IPS-PR-2009 SSP Moradabad holds B.Tech. Electrical Engineering & M.Tech. Electrical Engineering & presently working SSP Moradabad from 18th August 2021.
3) Shri. Shalabh Mathur DIG Moradabad
Shri.Shalabh Mathur IPS-RR 2006 DIG Moradabad is presently working as DIG Moradabad from 25

March 2021. He holds B.E.(ELECTRONICS & COMMN.) degree and is highly eminent police officer in Uttar Pradesh.

4) Dr. Ganesh Gupta DSP CO Highways Moradabad

His father wanted him to be a Doctor but he aspired to be a police officer. He became both and Ganesh Kumar Gupta, posted as Deputy Superintendent of Police (DSP) in Moradabad Uttar Pradesh

5) Prof. (Dr.) Jai Shanker Singh

He is presently working as Professor and Dean Faculty of Law Allahabad University. He Hold L.L.B., L.L.M., & Ph.D. Degrees & expert of International Law. He has 6o research papers to his credit. and has published several papers in Web Web of Science/Scopus index journals.

6) Shri Pulin Kumar Sr. Legal Director Adidas India

An ardent in-house legal professional having hands on extensive experience of 21 years in contract. litigation and compliance management. A result oriented performer with working experience in many big national and multi-national conglomerates including real estate, agro-chemicals, turn-key, cement, heavy engineering, pharma and consumer electronics industries.

7) Shri Ashish Chandra Ex Associate Director Legal Whats App India

General Counsel with over 20 years of experience in internet and tech industry.Ashish is the General Counsel of Coin Switch Kuber, India's largest crypto platform. Ashish also led the legal and regulatory affairs of Whats App for India. He helped build the e-commerce and fintech / payments business of Facebook, Instagram & WhatsApp in India. In the past, Ashish has worked with various large Indian and US companies like Netflix, eBay, Reliance Jio & Snapdeal. Over last 20 years, Ashish has firsthand witnessed and contributed to the growth of Internet business and related regulations and jurisprudence in India. Ashish has successfully managed sophisticated, professional, and diverse investors and board members.

Purpose of the Seminar: Cyber security protects the data and integrity of computing assets belonging to or connecting to an organization's network. Its purpose is to defend those assets against all threat actors throughout the

entire life cycle of a cyber attack.

Objectives of the Workshop:
1) To create a secure cyber ecosystem in the country, generate adequate trust & confidence in IT systems and transactions in cyberspace and thereby enhance adoption of IT in all sectors of the economy.
2) To create an assurance framework for design of security policies and for promotion and enabling actions for compliance to global security standards and best practices by way of conformity assessment (product, process, technology & people).
3) To strengthen the Regulatory framework for ensuring a Secure Cyberspace ecosystem.
4) To enhance and create National and Sectoral level 24 x 7 mechanism for obtaining strategic information regarding threats to ICT infrastructure, creating scenarios for response, resolution and crisis management through effective predictive, preventive, protective, response and recovery actions

Report of Workshop: A Seminar on the Topic: "COMBATING CYBER CRIME CHALLENGE & LEGAL RESPONSE" Combating Cyber Crime Challenge & Legal Response was organized by the Faculty of Engineering & Computing Sciences, TMU on 13th October 2021. Several renowned speakers have addressed the seminar. The key points of the some of the speakers are given below.

The inaugural of the Seminar was done by Adv. Anuj Agarwal CEO Cyber gyan in, Prof. Raghuvir Singh Hon'ble Vice Chancellor TMU, Shri Babloo Kumar SSP Moradabad, Shri. Shalabh Mathur DIG Moradabad, Shri. Suresh Jain Chancellor TMU, Dr. Ganesh Gupta DSP CO Highways Moradabad, Prof. Jai Shanker Singh Professor & Dean Faculty of Law Allahabad University, Shri Pulin Kumar Sr. Legal Director Adidas India, Shri Ashish Chandra Ex associate Director Legal WhatsApp India, Shri Tarun Goyal Director Cybrotech & Product Manager, Threat spike, U.K, Prof. (Dr.) RK Dwivedi, Principal & Director FOECS, Dr. Ashendra Saxena HOD FOECS, & Prof. (Dr.) RC Tripathi, FOECS, TMU by Lamp Lighting & Saraswati Pooja.

Prof. (Dr.) RK Dwivedi, Principal & Director, FOECS, TMU has given the inaugural welcome address & said Cyber Security is paramount concern of Govt. of India & all the state Governments including Government of UP. He has said that most of the cyber attackers give lucrative ads to attract their targets. He has also said that by keeping all standard cyber security practices. We can keep our self-safe from the cyber criminals. Adv. AnujAgarwal from CSI has given best Director Award to Prof. RK Dwivedi Jee in the seminar.

Adv. Anuj Agarwal has addressed the seminar and has said that he has trained the police officers of several states of India about cyber security. He has also said that we should be careful about our login credentials and should not share the OTP and bank account details to outsiders & cyber criminals. He has also talked about the details cyber security and cyber forensic and the methods to deal with cyber crimes in India.

Shri Shalabh Mathur DIG Moradabad and Shri Babloo Kumar SSP Moradabad has shared the detail statics of cyber crime graph of Moradabad Range. They said that they have limitations to investigate cyber crimes as the most of the criminals are outside of the state or country.
Shri Pulin Kumar & Shri Ashish Chandra have also shared their views on the steps taken by the IT industry & MNA about cyber crimes. They also spoke about the ways Whataap India and Adidas India is handling cyber crimes in their companies.

Prof. (Dr.) RC Tripathi convener of the seminar has given vote of thanks in Seminar. The seminar was very useful for the faculty members of FOECS & it has provided a platform to discuss the queries of all the faculty members of FOECS, TMU. This seminar was widely covered & published by all the national newspapers of Moradabad.

Media Coverage of Seminar "Combating Cyber Crime Challenge & Legal Response" as under:

National Conference On "English Language Teaching: Issues and Challenges in Indian Perspective"

A two days national conference on "English Language Teaching: The Issues and Challenges in Indian Perspective" organized by Department of Humanities, FOE&CS,TMU with the support of English Language Teachers' Association of India (ELT@I) NCR chapter was proved a unique forum for exchange of innovative ideas. It included keynote address from Academicians and paper presentation by research scholars.
Teaching of any second language has always been an arduous task, specifically, while dealing with the students who come from different cultures and backgrounds as it involves some complexities which can be overcome through the application of appropriate strategies. This conference will provide a platform for academia to discuss and find solution to the issues and challenges of teaching a second language.
The conference brought together leading interdisciplinary academicians, educators, researchers and scholars in the area of interest from around the country. Sub-themes of the Conference were:

- English Language & Cultural Adaptation.
- English Language Learning: The Issues & Challenges of Virtual Teaching.
- English Language Teaching in the digital era.
- English as main Lingua Franca binding the Nation.
- Significance of English language in Corporate World.
- The bilingual method of ELT in the context of NEP 2020.

- English Language through Literature.
- Trends of English Language in current scenario.
- English as language of the Diaspora.
- Significance of English language in the Corporate World.

FIRST DAY OF CONFERNCE: INAUGURAL

Department of Humanities organized a National E-Conference on 'English Language Teaching: The Issues and Challenges in Indian Perspective' in collaboration with ELT@I-NCR, English Language Teachers' Association of India on October 22-23, 2021. Organizing such an event at this point of time reinforces our objective of developing an environment for the exchange of ideas towards the development of soft skills among students. The event was graced by Chief Guest Smt. Neelima Katiyar Hon'ble Minister of state for Higher Education and Science & Technology, Govt. of U.P. Professors from renowned universities and college joined us as Keynote speakers. The programme started with the lighting of lamp by the dignitaries and our Guest of honor. Dr.Archana Rathore. Ms. Neha Anand welcomed all the dignitaries and invited them to the Dias.

Respected Director Prof. Dr. R. K. Dwivedi delivered the welcome address and told about the importance of English communication by quoting a very relevant example from Chetan Bhagat's famous novel Half Girlfriend. He then welcomed & invited chief guest of the Conference Smt. Neelima Katiyar.

Chief Guest Smt. Neelima Katiyar Hon'ble Minister of state for Higher Education and Science & Technology, Govt. of U.P. first of all she congratulated and appreciated Hon'ble VC Prof. Raghuvir Singh Sir, Respected Director Prof. Dr. RK Dwivedi and the department of humanities for organizing this conference, which she said is important in these times when we are celebrating diamond jubilee of the freedom of our country and moving ahead from Vasudhav Kutumbhakam towards vocal for local. It is the time to represent our country on global platform and inform them about the progress and achievements of our country. Global connectivity is the need of the day and interaction and communication is the medium therefore it becomes very important for us to have command over English language. We are in the path of progress and it is only possible if we talk about the development of all the sections of society so it becomes all the more important to discuss about English Language learning for the holistic development of the society. She gave her best wishes for the success of the conference.

Hon'ble Vice Chancellor, Prof. Raghuvir Singh congratulated the dept. of humanities for bringing this conference. He said the emphasis should be laid on language learning rather than teaching as it needs the involvement of the students. He also said that learning is all the more important as if idea is not encoded properly and it grammatically incorrect than message will not be complete and the proper outcome cannot be achieved. So learning Eng lang. learning is the need of the hour with this he wished the conference a grand success.

Prof R.P Singh, a Professor of English at the Department of English and Modern European Languages, Director , International Collaboration, International Students A advisor, and the Vice Chairman of Delegacy, University of Lucknow, was first keynote speaker. He talked about the different methods of ELT, the grammar transition method, the direct method the audio lingual method, community language teaching etc. he said that we have heterogeneous perspective in our class so we should adopt creative methodology of teaching and authentic tools for putting our message across. Teacher is like a manager in class so no single method is sufficient. We need appropriation of different methods in the context of the class room. There should not be any gap between the applicability of theory and practice of methods

Dr. R.B. Sharma, Associate Professor- Department of English and Modern European Languages, University of Lucknow said that English language studies have a lot of possibilities for students. We have to focus on research in India. We have to come out of the dynamics and parameters within which we have been teaching. We need to focus on the research in India instead of depending on the western world. English Language is now taught in almost all the Engineering institutes, Technical institutes, medical institutes etc. so we can confine ourselves to the conventional methods of literature and grammar teaching, it should be reviewed and changed. Research should be taken up in ELT in such institutes where teachers are teaching communicative English and in ways and means to teach English in innovative ways, taking into account the local conditions. Medical institutes etc. so we can confine ourselves to the conventional methods of literature and grammar teaching, it should be reviewed and changed. Research should be taken up in ELT in such institutes where teachers are teaching communicative English and in ways and means to teach English in innovative ways, taking into account the local conditions.

Dr. Archana Rathor, Associate Professor from Department of English, Dayanand Arya Kanya Degree College, Moradabad, discussed about the importance of Eng. Lang but she also emphasized on the fact that role of native language is very imp. In learning any second language

Prof Pramod Kumar Mehra from Department of English, the School of Humanities, Indira Gandhi National Open University, New Delhi was the keynote speaker of the day. He opined that at the time of Independence, there was the controversy whether English should be given the importance of official language or not. Over a period of time, it was realized that this is of utmost importance to accept English as official language since it is a link language, a global language that binds the people across the world. ELT teachers should use the pedagogy which can cater the needs of the students of a particular class. The methods which has been using since decades need to be changed as those methods are not apt in the contemporary times.

After a break of one hour we started with our technical session.
Technical Session:
The technical session was chaired by Dr Sandeep Verma and Dr Zareen Farooq, Associate Professors from Department of Humanities, FOE&CS, TMU. Total ten papers were presented in blended mode- offline line and online. Details of paper presentation are as follows:

1. Teaching in the Corona Era: The 4Mat of Adult Learning and Teaching for English Language Teachers and Trainers Dr. Mayuri Chaturvedi (PhD -IIT Kanpur) from Hyderabad
2. Paradigm Shift to Interpersonal Communication: A Study with reference to Social Media Platforms by Dr. Sonal Sharma from TIMSR, Mumbai
3. Need of Technical English Communication for Students at Under-graduating Engineering Level by Dr Sonia Gouri from KIET Group of Institutions, Delhi-NCR, Ghaziabad (UP)
4. Successful English Communication Strategies in Corporate by Dr Babita Tyagi from KIET Group of Institutions, Delhi-NCR, Ghaziabad (UP)
5. The Teacher's Role in Teaching English Language by Dr. Shalini from Department of English, Govt. Girls P. G.College, Hamirpur
6. Contemporary English fiction and its Teachings by Dr Bhawana Singh (from Lucknow University) and Dr Sonia Jayant (from FOE&CS, TMU, Moradabad)
7. Need of English Communication in Present scenario by Ms Rachna Saxena from Faculty of Education, TMU, Moradabad
8. Significance of English Language in Present Scenario by Dr Amit Shukla from Department of English, TMU, MBD
9. English Language and Cultural Adaptation by Kanchan Gupta from College of Paramedical Sciences, TMU, Moradabad
10. Significance of English Language Skills for Effective PERFORMANCE IN WORKPLACE by Dr. Asim Ahmad & Dr. Zareen Farooq from FOE&CS, TMU, Moradabad

Technical Session:
The technical session was chaired by Dr Sandeep Verma and Dr Zareen Farooq, Associate Professors from Department of Humanities, FOE&CS, TMU. Total ten papers were presented in
blended mode- offline line and online. Details of paper presentation are as follows:

1. The Bilingual Method of English Language Teaching& Learning: A Study in Reference to New Education Policy 2020 by Vanshika Dixit & Ms. Neha Anand from FOE&CS, TMU, Moradabad
2. Bilingual method of teaching English Language by Indu Tripathi from FOE&CS, TMU, Moradabad
3. English Language & Cultural Adaption by Saiyam Jain, Shrishti Mittal & Sweety Saini from FOE&CS, TMU, Moradabad
4. English Language Teaching In The Digital Era by Aliza Parveen from FOE&CS, TMU, Moradabad
5. Online V/S Offline Learning by Sonal Jain, Amines Jain & Harshest Jain from FOE&CS, TMU, Moradabad.
6. English Language Teaching in the digital Era by Abhinav Jain, Ananya Pandey& Saksham Saxena from FOE&CS, TMU, Moradabad
7. Trends of English Language in Current Scenario by Harsh it Jain, Arians Jain & Prebuilt Ashiest from FOE&CS, TMU, Moradabad
8. Significance of English language in Corporate world by Abhishek Sharma, Hammad Saeed, Asfi Usmani & Kehkasha Bi from FOE&CS, TMU, MBD
9. English in Corporate world by Devansh Nandan Sharma from FOE&CS, TMU, MBD

Valedictory Session:

The valedictory Session was started with the report of conference presentation by Dr Sonia Jayant, Convener of the conference. She presented two days report along with statements quoted by the chief guest and keynote speakers in the conference. Prof R K Dwivedi, Director & Principal of Faculty of Engineering & Computing Sciences appreciated the efforts of Humanities Department and wished for more events like this in future. Ms Indu Tripathi, Co-convener of the conference delivered the vote of the thanks to all who remained the part of the conference directly and indirectly. The conference achieved a great success and received appreciation from all authorities, dignitaries, faculties and participants.

Convener

Co-Convener

Vocabaddicts 2.0

Description of Event: A mega event, Vocabaddicts 2.0 was organized by Centre for Teaching, Learning and Development (CTLD) in four stages for Students of all the Colleges of the University. It was quiz based competition based on English vocabulary.

Agenda: This event was intended to develop vocabulary skills, memory enhancement and observation power.

Speakers

Title: Importance of character building and personality development along with the educational qualification.

Description of talk: Speaker encouraged to students for continuous learning and quoted about the importance of personality, behavior and character development along with the education degree. He motivated students for regular practice, enhance knowledge and inculcate in the daily life. He also stated about confronting the challenges but not giving up against them.

Purpose:
Center for Teaching, Learning and Development (CTLD) organized "Vocabaddicts 2.0" grand finale on 23 Oct 21. Purpose of the competition was to improve the vocabulary of TMU students. Soft skills trainers of the CTLD while teaching, emphasize lot on good communication skills in English language. However, during interaction with students it was observed that the vocabulary of many of the students is poor, hence, they do not find suitable ward when needed, which leads to poor communication. Keeping this in mind Vocabbdicts competition was planned and executed.

Registration:
Registration was opened to students of all the Colleges of TMU from 26 Sept to 08 Oct 21. 639, students (Teams of 03 students each) participated. It is pertinent to mention that students from all colleges participated with great enthusiasm.

Execution;
First, screening round was conducted in various Lecture Theatres (LTs) of different colleges on 11 October, out of 213 teams, 50 teams were selected for second round. Thereafter, quarter finals of the competition were held on 13 October at different venues based of selected participants. 12 teams were selected for semi finals. The Semi-finals and the Grand Finale event of the competition were held on 23 October 2021 in the main auditorium of the University. Two semi finals were held and 06 top teams were selected for finales. Grand finale was conducted in five rounds including rapid fire and buzzer rounds. Three teams were declared as winners (The Strikers from BSc- Maths), 1st runners-up (The elite from BBA) and 2nd runner-up (Legacy leavers from BSc-Maths).

Prof RN Krishnia, Director CTLD welcomed all the dignitaries and audience and said that more than 600 Students from different Colleges of the University have enrolled for this mega event. He further said that trainers of CTLD have prepared a handbook for every student consisting of 300-word meaning, 200-synonyms, 200-one word substitutes, 100-Homophons and 200-Idioms, totaling 1000 wards. All the rounds of competition were based on these words.

Delivering inaugural address, before the grand finale, honorable Vice Chancellor, Prof Raghuvir Singh said that in current environment, English communication has become one of the most important skills for every professional. I would like to appreciate the efforts put in by trainers of CTLD to organize such a mega event for development of our students. He wished all the 06 top teams all the best for grand finale. He also gave away the prizes to winning teams.

Before commencement of semi finals, Prof Manjula Jain, Associate Dean also appreciated; the efforts put in by CTLD trainers and said that rich vocabulary will be of great help to participants.

Host for the event, Ms Sukanya Raghuvanshi, connected every activity in a very professional manner. Her performance has been excellent throughout the event. Mr Vipin Chouhan, Quiz Master (The Mugambo of Semi-final and Grand finale) performed like a professional Quiz Master and made the event learning and enjoyable.

The event coordinator, Mr Atul dayal has ensured that from conception of event to grand finale every activity was conducted smoothly. All other trainers (Mr Dilip Dutt Varshney, Ms Jasmine Stephen, Ms Soumya Sood, Mr Rajneeh Tiwari, Ms Alka Dayal, Mr Sagar P Singh, Mr Abhinav Shrivatava, Mr Tarun Arora, Mr Avinash Yadav and Mr Vikas Ranjan) performed their part of responsibilities flawlessly to make this event one of the most useful and successful event of the TMU.

Production of Recycled Polyester Staple Fibers, Syntheti

Department of Mechanical Engineering organized a guest lecture on "Production of recycled polyester staple fibers, synthetic leather and PP non-woven fabric plants" on Oct 25, 2021 at Faculty of Engineering,Teerthanker Mahaveer University. Mr. Mahir Hussain, Assistant Professor of ME, introduced about the expert and welcome all the attendees.The Chief guest Shri R. K. Jain, Director of Nirmal Fibers Pvt Ltd. Gajraula, introduced about his company Nirmal fibres Ltd., its products and the process of execution. He discussed that the company works upon recycling of pet plastic bottles into thin fibers and this thin fiber can be used to produce many end products for surgical industry, toy industry, carpet industry and many more. The brief process for conversion of molten plastic into thin fiber also discussed by Shri R. K. Jain. He further included that the company has the capacity for conversion of 2000 tons of plastic bottles per month. He explained that the complete process executes at controlled temperature with no any harmful impact upon environment. In continuation he shared that the produced fiber is also exported in the neighbor countries and even in European countries. He further introduced his second product i.e., manufacturing of different colors and sizes of synthetic leather used in furniture industry, hotel industry and on the replacement of real leather. He added that the production of synthetic leather is performed through addition of PVC material on cotton cloth and to make it uniform by heating and compressing with the help of continuous manufacturing unit. The manufacturing unit has the capacity for production of 05 lakh meter per minute of synthetic leather and the length of manufacturing unit is itself 90 meters. The third introduced product was medical blue fabric, which is hygienic in nature and used to form mask, PPE kit and all related surgical products. At last he motivated to students become an entrepreneur and setup his own manufacturing unit and also invited the TMU students and faculties to visit the Nirmal Fibers Pvt Ltd.

Around 200 students and faculty members of FOE attended this guest lecturer. Mechanical Engineering Department actively participated for proper mobility during lecture duration. The entire program was organized with the support of respected director Prof R. K. Dwivedi.

In this expert lecture Mr. Harish Kumar coordinator ME, Mr. Himansh Kumar, Mr. Arun Gupta, Mr. Mahir Hussain, Mr. Sunil Kumar, Shri Bhagwan, Mr. Sunil Gaur, Mr. Pradeep Kumar Verma (EE), Dr R K Jain (HOD-CE) were present

Co-Ordinator
Harish Kumar
Assistant Professor
Department of Mechanical Engineering

Fresher's Party of Math Department

The purpose of freshers party is to welcome new students in a friendly atmosphere and to encourage their creative impulse to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Students started assembling from 10:00 a.m onwords for the programme that was to start at 11:00 a.m on 26th October 2021. Professor R.K Dwivedi ji our director sir as the chief quest of the day. Besides him other dignitaries also graced the occasion. The programme started with lighting lamp and speech given by Director sir, his message to every one that "never loss sight of your goals and let love be girded and guarded with patience. Life ahead can be exciting.Then the student from M.sc (mathematics) perform dance and further to create more entertainment among students "games "were set up and after that a energetic speech given by Dr.Alok Gohlat ji.Through the programme students were so much in enthusiasm. Now it was the turn to create more power to this event a student from B.sc (mathematics) performed the dance. The graceful "Ramp walk" presented by our freshers. After their performance, there was a time to listen some melodious song which performed by M.sc (Math) Student. After that we arranged a "talent round "

and for this we had our judges, Dr.Abhinav Saxena, Dr.Alok Gohlat , Dr.Gopal kumar who declared the results of Mr & Miss fresher, Mr & Miss charming, Mr & Miss evening. After that it was a time to put more power to this event we arranged “musical chairs game “not only for the students but also for dignitaries. The function ended with graceful song sang by students, and many more hidden talents which come out in beautiful colors. The entire programme was interspersed by speech and prize distribution to the winners. And at this event Dr.Ajit Kumar , Dr Abhinav Saxena, Dr.Alok Gohlat , Dr.kamesh ji ,Dr.Gopal Kumar , Dr.Ashok Siddhu , Dr.Laxmi Kant Tiwari , Professor Ashendra Saxena , Dr.vipin kumar , Dr prashant ji and Rajesh sir , graced the occasion by there presence. As it was the time to announced the result for the winner and for Mr fresher goes to Anmol Narula (Msc mathematics 1st year)
Miss Fresher Vanshika (B.sc mathematics 1st year)
Mr. Charming Ramwadhwani (B.sc 1st year)
Miss Charming Itika (B.sc 1st year)
Mr Evening Abhinav yadav (B.sc 2nd year)
Miss Evening Tisha Johri (B.sc 2nd year)

Where else everyone got the chance to showcase their talent, Refreshment were served in between the programme. The event was finally concluded with lunch and the anchor of this event was Sakeena bi from M.sc Mathematics final year.

Brain Manthan

Conduct of University Level Event-"BRAIN MANTHAN"

Purpose:

A mega event, BRAIN MANTHAN was organised by Centre for Teaching, Learning and Development (CTLD) in three stages for Students of all the Colleges of the University. The purpose of this event was to develop organising skills, critical thinking, creative thinking, rationality, reasoning skills, teamwork, and decision making skills among the students of the University. As above are the 21st Century skills and every student must posses them to perform well in life.

Conduct of the event:

Roles of Participants and Volunteers: - Since the purpose was very clear in the minds of Director and Trainers of CTLD, it was decided that to develop various skills, students need to organise and participate. Hence, in accordance with able direction of CTLD trainers, student volunteers organised most of the activities from registration of participants of all Colleges to the conduct of round-1, round-2 and grand finale. 750 students to formed 250 teams registered for this mega event from 09 to 20 Oct 21.The event was organised in three stages.

1. Sign-In: Screening round was held on 25 October 21. In this round, there was a written offline test, which had 30 objective type questions to be attempted in 40 Minutes. Based on registrations, 05 venues were selected in various Colleges to conduct the test at the same time and without any inconvenience to students and faculty members. 24 teams were selected for centre half, second round of competition.
2. Centre Half: The second round was named as the "Centre Half". This round was held on 26 October 2021. The Centre Half was also paper based written test consisted of 20 questions in 30 minutes but unlike Sign-in, the questions were TITA (Type in Text Answer). Questions in sign-in and centre half were based on skills mentioned in purpose. 06 top teams of sign-in competition were selected for grand finale.
3. The Conclusion: Final round was named, "The Conclusion" and was held on the 27 October 2021. This round was in the TMU Auditorium. This round was a live quiz based competition conducted through 05 rounds including rapid fire and buzzer rounds. "The Champions, Hypirians, The Masterminds, TMIMT Titans, Brain Acumen, and The Strikers" participated in grand finale. The Conclusion" consisted of 5 levels, based on General Awareness, Out of the box thinking, Memory Power, Team Work, Creativity, Decision Making, and Analytical thinking.

Grand finale was hosted by Ananya Mathur, 1st year student and Shreya Gupta, 4th year student. Ms Jasmine Stephen, Master trainer of CTLD was the quiz master, who conducted in real profession manner. Approximately 500 students and faculty members from various Colleges witnessed the grand finale.

"The Conclusion", began with the worship of Goddess Saraswati and lamp lightening by the chief guest and the eminent guests. Director CTLD, Prof R. N. Krishnia welcomed the chief guest, Honourable Vice Chancellor Prof Raghuvir Singh and everyone present. In his welcome address, Director, CTLD explained the purpose and benefits Brain Manthan. Director Students Welfare, Prof M. P Singh wished all the best to contestants and appreciated effort of CTLD for organising such mega events for the development of students. Dean Academics, Prof Manjula Jain, in her address correlated the Brain Manthan with Sagar Manthan and compared participants of grand finale to Ratnas extracted from the Manthan. Honourable Vice Chancellor, Prof (Dr) Raghuvir Singh, explained about the importance of education and return on investments in reference to the efforts. He further said that within one week CTLD has organised two mega events for the benefit of students for which CTLD should be applauded.

The winners of the grand finale was team "The Champions" (Supan Shankhdhar, Anjali Tyagi and Ritika Katyal) . First runner-ups was team (Himanshu Jain, Parag Jain, and Rohit jain) "HYPIRIANS" both teams from FOECS. Second runner-ups was the team "TMIMT Titans"(Hitakshi Bhola, Rishika Agrawal and Shivansh Bansal). Trophies, Medals and certificates were distributed to all the winners by Prof R K Dwivedi, director FOECS and Prof RN Krishnia, director CTLD. Prof Dwivedi, congratulated all the participants.

Tarun Arora, Master trainer, delivered vote of thanks. In making the event highly successful, Abhinav Shrivastava was the overall coordinator, Vikas Ranjan designed technical material for all the rounds, Vipin Chouhan was mentor for Hosts. Other member of CTLD (Dilip Dutt Warshney, Atul Dayal, Alka Dayal, Ms Soumya Sood, Sagar Pratap, Avinash Yadav, Ms Sukanya Raghuvanshi) took up various responsibilities right from registration to grand finale to make it highly successful event.

Description of Event:Department of Civil Engineering is organised a one day guest lecture on the topic 'Steel Structure An Overview'forthe awareness of the students of B.Tech Civil IV, III & II year successfully by zoom app platform on 27/10/2021.
This webinar started with welcome speech of Mr. Ankit Kumar Sharma in which he welcomed the key note speaker Dr. L. M. Gupta, Professor & Head VNIT, Nagpur. Professor R. K.Jain gave the brief introduction of speaker.He also spoke about the importance of steel structure in civil engineering. At the end programe co-ordinator Mr. Ankit Kumar Sharma delivered vote of thanks to everyone.
Department is thankful to Director Sir for their approval and guidance in conducting this workshop successfully.It was an interesting and powerfully interactive session where students learnt new upcoming products and projects in Civil Engineering world.

Agenda: Design of Steel Structure Image in .jpeg format:

Description of talk:The keynote speaker Dr. L. N. Gupta shared his technical knowledge and experience with the students. He inspired the students with his speech. In his speech he told about the members of steel structure, loads on steel structures and methods of design of steel structure. He said by a good design of steel structure not only we can save our money but also contribute to the development of the country by saving steel.
Speaker Name: Dr. L. M. Gupta, Professor & Head VNIT,Nagpur
Email Address:drlmg59@gmail.com
Biography of Speaker:
Details of Publications:
Total Publications – 156

a. International Journals/ National Journals - 61
b. International Conference - 20
c. National Conference -75
No. of Ph.D., M.Phil, M.Tech. Guided

M.Tech. - 120,
Ph.D. – 16 (under progress - 2)

MODROB / R&D Projects
a. Use of fly ash as Building material a research project (R&D) funded by MHRD Government of India New-Delhi
b. Modernization of structural laboratory scheme (MODROB) was sanctioned by MHRD Government of India New-Delhi
c. Preparation of the draft code of practice for prestressed steel bridges for Indian Road Congress

Details of memberships in societies –
- Life member of Institution of Engineers (I) [IE (I)]
- Life member of Indian Concrete Institute (ICI)
- Life member of Association of Civil Consulting Engineers (ACCE)

- Life member of Indian Water Works Association (IWWA)
- Life member of Indian Society for Wind Engineering (ISWE)
- Life member of Indian Association for Structural Engineer (IASE)
- Life member of Indian Road Congress (IRC)

14. Contribution to the academic administration/ Additional Responsibilities at Institute level

Sr. No.	Activity	Periods
1.	Co-Chairman of admission committee for admission of First BE / B.Tech. to other REC's for session	1997 - 98
2.	Chairman of admission committee for admission of First BE / B.Tech. to other REC's for session	2002 – 03
3.	Head of the Department of Applied Mechanics	November 1999 to March 2004
4.	Dean (Planning and Finance)	December 2005 to June 2010
5.	Chairman Store Purchase Committee	February 2006 to June 2010
6.	In charge Director with/without Financial Power	1 year 2 months
7.	Chairman Store Purchase Committee	15th September 2011 to Dec.2015

Seminars / Workshop / Symposium / Conferences

Convener for 2nd National Conference on Wind Engineering (NCWE – 04) organized from 12th – 14th February 2004

Name of short term courses organized

1. Advanced Steel Design of Industrial Structures (26th – 28th April 1993)
2. Structural Analysis and Design STAAD III, (December 1997, February 1998, December 1999)
3. Use of Composite Construction using Structural Steel (7 - 9 October 2001)
4. Wind Effects on Buildings and Structures (8 - 18 October 2003)
5. Structural Steel Design for University Engineers (10 - 15 November 2003)
6. Short Term Specialist Course on "Wind Effects on Structures" (20 - 21 April 2005)
7. Short term Introductory course on IS 800:2007 (29 - 30 April 2008)
8. Short term Introductory course on IS 800:2007 (19 - 21 April 2011)

Association with the other bodies, University Bodies, Institutions.

1) Examiner for Ph. D's and M. Tech projects for Amravati University, Nagpur University, Pune University, Shivaji University, I.I.T. Madras, I.I.T. Bombay MANIT Bhopal, JNTU Hydrabad

2) Corresponding member of steel bridge committee (B – 7) of Indian Road Congress from 1995 to 1998

3) West zone coordinator and expert member for the Best Innovative Structural Steel Design Project Award for students of Civil Engineering of Institute for Steel Development and Growth KOLKATA from 2004 to 2007 and 2009 to 2011

4) Expert member in Board of Studies of R K N Engg. College Nagpur

5) Expert member of NBA Accreditation program in various Polytechnics / Engineering College

6) Expert member of Selection Committee for appointment of faculty in Engineering Colleges

7) Editor of Journal of Wind and Engineering published by Indian Society for Wind Engineering from 2006 to 2008

8) Chairman of Indian Society of Wind Engineering (Nagpur local Chapter)

9) Governing board member of Government Polytechnic Nagpur from 2015 to 2019

10) Member of Academic council of Institute of Engineering & science, IPS academy Indore & G H Raisoni Institute of Engineering & Technology Nagpur.

Major Consultancy Projects

a. Design and scrutiny consultancy work

i. Scrutiny of design and drawings of major bridges for Railway's, ROB's, Road bridges, Buildings and water retaining structures

b. Repairs and Rehabilitation of structures

i. Rehabilitation of bunkers of CHP and supporting structures of 210 MW sets at Satpura for MPEB Sarni
ii. Assessment of residual life of 152 staff quarters of Airport Authorities of India, Nagpur
iii. Assessment of residual life of various structures of Ordnance Factory Ambzari Nagpur, Khamariya Jabalpur
iv. Assessment of residual life of RBI main building and staff quarters Nagpur
v. Assessment of residual life of various ESR's of different capacity for MJP Maharashtra, PHE Chattisgarh.
vi. Assessment of residual life of 140 m height RCC Chimney of Chattisgarh Electricity Board Korba]

c. Testing of structures

i. Load test on bridge at Shivnath River at Durg, Pilly and poorna River at MSH-6 Achalpur , Wainganga River BhandaraWarje flyover at Pune, Flyover at Talegaon.
ii. Testing of Embossed profile sheets for determination of MK value
iii. Non destructive testing of ESRs, Bridges, Buildings

. Honors and Awards

a. Best teacher award by Principal VRCE Nagpur in 1995 for meritorious services in the institute
b. Appreciation award by PWD (Govt. of Maharashtra) Chief Engineer Amravati for retrofitting and widening of bridge on Pilly- Poorna on MHS-6 at Achalpur.

IEEE Attendee:
Guest Attendee:
B.Tech Civil 2nd, 3rd and 4th year students
All faculty members of Civil Engineering Department

World Animation Day and Fresher's Party organized by Animation Department

World Animation Day and Fresher's Party organized by the Animation Department of the Faculty of Engineering and Computing Sciences of Teerthankar Mahaveer University. On this occasion, the students of the department won the hearts of the people with their skills. On this occasion, the Chief Guest, Director & Principal of FOECS, Professor R.K. Dwivedi, addressed to students and appreciated achievements of Animation Department in University. He also discussed the students who made a career as Animation artists in Bollywood and Hollywood and inspired the students to follow in his footsteps. On this occasion, students displayed their work through show reel which were related to Graphic Designing, Motion Graphics, Video Editing, Gaming, Photography etc.

On this occasion, Apoorv captivated everyone with the performance of Charlie Chaplin. Then there was a fabulous robotic dance performance by Md. Nadeem. Host organized a quiz related to Animation day. Sahil Abbas Naqvi won everyone heart by his Arabic poetry. At the end students gave an energetic dance performance.

For Fresher's party Varun Singh and Tarun Tyagi made everyone laugh with their standup comedy. There were games, dance and ramp walk was organized for freshers. Mr.Varun Singh and Jyotsna Jain, of the first year students were elected as Mr. Fresher and Miss Fresher on this occasion. Apart from this, Mr. Aman Jain and Miss Sakshi Jain was selected as Mr. Shy and Miss Shine, while Miss Lightning, Sunidhi Rastogi and Mr.Thunder, Apoorv Mittal were selected.

On this occasion Dr. Ashaindra Saxena, Dr. Shambhu Bhardwaj, Shri Vikram Raina, Shri Jyoti Ranjan Labh and all the faculty of animation was present.

MCA Fersher

College of computing sciences & information Technology Organized a Fresher's party of MCA students on 30th October, 2020 (Saturday). The event started with the Lamp Lighting, by Principal of college Prof. R.K. Dwivedi, H.O.D, Dr. A.K. Saxena and Program Coordinator, MCA, Mrs. Ranjana Sharma.

The event was hosted by the senior batch of MCA. There were innumerable participations from the students of the fresh batch who wanted to prove their mettle outside their classrooms with their participation in cultural activities. The event was judged By Mrs. Ranjana Sharma, Dr. Priyank Singhal, Mrs. VIneet Saxena.

Various Cultural Programs included dances, Speech, Skit & Mr. and Ms. Fresher's Contest were organized for the Students.

Mr. Shaurya Rastogi was crowned as "Ms. Fresher-2021 " and Ms. Vibha Kothari was crowned as "Mr. Fresher-2021 " and Mr. Suraj Dutt was crowned as "Mr. Handsome" and Ms. Diya Verma was crowned as "Miss Beautiful"" for MCA Programme.

Deepotsava

To celebrate the auspicious festival of Deepawali and to have a cheerful feeling among all the faculty members, BBA BMC organized the Deepotsava Festival on 30th October 2021 at the main lawn of CCSIT campus. This celebration was completely managed by the students of BBA BMC in guidance of their faculty members. The students decorated the lawn by Deepak and Candles. Chief guest was respected Prof. Dr. R.K. Dwivedi sir (Principal & Director FOE&CS). The celebration started by lightening of lamp in front of Maa Laxmi followed by lightening of all the Deepak and candles. The chief guest addressed his blessings and best wishes to all the student and teachers. The event was ended by distribution of sweets.

National Education Day - 2021

National Education Day is observed on November 11 every year, since 2008, to commemorate the birth anniversary of independent India's first education ministerDr.MaulanaAbulKalam Azad who played an important role in shaping the education system of the country. Like every year this year also, Department of Mathematics, Faculty of Engineering,TeerthankerMahaveer University, Moradabadunder the aegis of Institute Innovation Council (IIC) celebrated National Education Day with great zeal and fervour. The celebration was inaugurated with holy lamp lighteningalong with Saraswativandana followed by welcoming of the dignitaries with bouquet.

Prof.R.K.Dwivedi,Director FoEand the first keynote speaker of the day threw light on New Education Policy.Prof.Dwivedi stated that National Education Policy 2020is a part of continuing commitment to social transformation. The aim to move towards India's National Education Policy 2020 is to facilitate an educational model that brings affordable and quality education of choice to all children. We need to provide a much needed platform to recognize critical issues in the education sector assess existing programmes, explore strategies to face the challenges ahead and ideate on ingenious solutions to provide quality education to all children in India. He further added that the children of the 21st Century have a different expectation and aspirations from our education system than the generations that have preceded them. This is a generation which is constantly seeking, thinking, formulating, exploring and challenging their views and opinions. Few years from now, these children will be in positions of power in diverse sectors, dictating the direction of our country and economy. We need a system that puts the child at the centre of education and facilitates the shift from rote learning to student understanding. This requires us to constantly re-examine education in terms of institutions, pedagogy and methodology. We must break from our conventions and rethink the kind of teachers, the curriculum and the kind of school leadership in effect–a rethinking of the school space. These changes are not possible without structural changes at a policy level that will both facilitate and reinforce them.

In the series the next keynote speaker Prof. S.P Pandey, Department of Physics, FOE TMU delivered his talk on New Education Policy - Pros and Cons.He stated that New Education Policy proposed in 2020, approved by the government will surely be a landmark within the history of education among Asian nations. The policy is, undoubtedly, holistic, comprehensive, and so hawk-eyed and can certainly play a significant role within the nation's future growth and development.As far the advantages are concerned, Students, as per this policy, will be given increased flexibility and choice of subjects to study, chiefly in secondary school - including subjects in physical education, the arts and crafts, and vocational skills – so they can design their own paths of study and life plans.However, this policy 2020 has been criticized a lot on account of purpose of language. The proposed NEP says that," whenever possible the medium of instruction till 5th grade and preferably till class 8 and beyond are going to be the house language, local language or the regional language". This means, the education of the kid until the 5th grade should be in the home language, mother language, or the regional language. It is not written anywhere that doing so is compulsory. But those that criticized this reform opine that this may force the faculty members to not teach in

English and instead teach in regional languages which cannot be beneficial for many.

Moving ahead,next keynote speaker,- Prof.S.R.Ali, Department of Civil Engineering, FOE TMU started his talk on "Education and its Policies.He explained the real definition and purpose of education. He elaborated on the quality of education system which should be based on 3 perspectives:

- Input- finance, Infrastructure &resources
- System- processes used to organize, control and delivery of education& training.
- Output : Result & Placement

He presented a comparative study of old educational approach and new educational approach with pros and cons. He, in detail, explained the steps required to achieve new educational approaches which are as follows:

1. Prepare study guides
2. Make it available to all concerned
3. Develop Self-assessment material well matched with learning objectives to allow students to monitor their progress & seek timely help
4. Provide suitable Technology tools which allow:

a) Students access to learning resources

b) Faculty to monitor progress & provide timely remedial classes to needy

c) External experts/industry persons to participate

5. Reduce lecture hours & increase tutorial hours to-

- Discuss individual problems
- Provide individual feedback
- Conduct formative assessment
- Allow more time to weaker students

6. Promote use of active learning through virtual labs, game based learning, simulation tools etc.

7. Design outcome based course to promote- collaboration, communication & problem solving (ADDIE Model)

Last but not the least,Dr. ParagAgrawal Associate Prof., Department of Physics, CCSIT, TMU threw light on his chosen topic "Affordable Quality Education for all children". He focused on the available infrastructure facilities at government schools where there is no proper arrangement of basic necessities like water and sanitation. He presented data of fee structure of some common schools and the presented data reflected that it is very difficult for the common people to afford to send their wards in those schools to get educated.He further explained Right to Education Act 2009. The lecture was highly interactive wherein many suggestions were discussed and welcomed to make quality education affordable for all children.

All the speakers and their talks were highly appreciated by the audience. Audience participated enthusiastically by asking many questions. Speakers handled the questions effectively.Meanwhile, a short play with theme "Girls' Education" was presented by the students of B.Sc. (H) Mathematics first year.Refreshments were served in between the program.At the end, Vote of thanks was given by the program coordinator Dr. Gopal Kumar Gupta, department of Mathematics FoE. The celebration ended with National Anthem.

Under the banner of IIC-FoE, the activities of the celebration of "National Education Day" were organized-by the Department of Mathematics FoE. The program was moderated by Dr. AlokGehlot, Department of Mathematics FoE.On this occasion Dr. Ajit Kumar , DrVipin Kumar, Dr. AbhinavSaxena, DrKamesh Kumar, Mr, Ashok Kumar Sidhhu, Dr. L.K. Tiwari, Mr. Prashant, Dr. R. K. Jain, Dr Ajay Upadhyay, Ms. NehaAanad, Mr. Rahul Vishnoi, Mr. Pradeep Kumar Verma, President, IIC-FoE were present.

The Fresher's Party-Su-Swagatam

"Suswagatam – Freshers Party" was organized by BBA iNurture senior students to welcome the first year students of BBA Brand Management.The program was organized in the LT-2 of Faculty of Engineering and Computing Sciences-FOECS, TMU, Moradabad. The program was inaugurated by the Director and Principal of FOECS, Prof. Rakesh Kumar Dwivedi, Head of the Department Prof. Ashendra Kumar Saxena, Proctor Dr. Shambhu Bhardwaj, Senior Mentor of iNurture Dr. Vishwas, Program Coordinator Mr. Avinash Saxena, Mr. NavneetVishnoi, and Event Coordinator Mrs. Surbhi Mishra.The program started bylighting the lamp before the idol of MaaSaraswati. Dance, mimicry, ramp walk and talent round were organized on this occasion in which students participated enthusiastically. The program was hosted by iNurture BBA Brand Management students Anshika Jain and Shardul.

Ahmed Muteeb was chosen as Mr. Fresher and Prachi Jain as Miss Fresher on the basis of competitions organized during the fresher's party. The members of the jury were Ms.Anu Sharma, Ms. Jaya Mishra and Mr. VikasVerma.

Director and Principal, FOECS, Prof. Rakesh Kumar Dwivedi wished the students for bright future and told them about the importance of time in life. He gave tips to the students about self-management and self-awareness and congratulated the winners.

On this occasion, Dr. Sandeep Verma, Mr. Ajay Tiwari, Mr. Manish Tiwari, Mr. Ashish Srivastava, Ms.Mukti Dhal, staff and students were present. Event coordinator Mrs. Surabhi Mishra thanked all the guests and proposed vote of thanks.

Workshop on Mobile Application Development with KOTLIN in collaboration with GOOGLE.

A one-day workshop on Mobile Application Development using KOTLIN was successfully organized under the banner of FOECS, TeerthankerMahaveer University Moradabad, and in collaboration with GOOGLE.

The workshop was initiated with a warm welcome of, the Director and Principal FOECS Prof. Dr. R K Dwivedi and head of the Dept. Prof. Dr. A K Saxena. Director Sir increased the motivation of participants by his kind words. He said that KOTLIN became the official language of GOOGLE for Android Application Development. The software industry is now shifting towards new and handy technologies, KOTLIN is one of them. Hod Dr. Saxena highlighted the importance of new emerging technologies in students' career.

After this speech Mr. Harjinder Singh led the Technical Session and shared some basic knowledge of KOTLIN with the students.

After the lunch, second session was started by Mr. Ajay Chakravarty. He shared his views on Application Development and developed some introductory application using KOTLIN.

At last he helped the students to create their developer profile on GOOGLE developer platform and guided them how to earn badges.

The workshop was concluded with good a feedback from participants.

Educational visit to Graphic Era Hill University, Bhimtal

On 18th of November 2021, 22 students of Third Year BCA along with 3 faculty members of FOECS, TeerthankerMahaveer University visited Graphic Era Hill University, Bhimtal campus. The group left TeerthankerMahaveer University at 5:30 am and reached Bhimtal at 10:45 am.

The trip was planned with the objective of gaining knowledge and learningnew concepts related to Machine learning, deep learning, and Artificial Intelligence.

The team reached the Graphic Era Hill University at 10:45 am. The team met Mr.Vimal, who headed them to the computer Lab of 6-A. There they had a discussion about basic fundamentals of DL, ML and AI. Related projects were also discussed.

Mr.Vimalplayed quality video to easily elaborate the things and engage the students. All students attentively attended the session and also appreciated it.

This educational visit was very enlightening and informative and the students also responded by appreciating the visit through their messages.

The trip was coordinated by Dr.Megha Sharmaand the team was headed by Mr.Harjinder Singh.

How to get Ideas for your Startup

Description of Event:

Event started with lamp lightening and the guest of the workshop Mr. PiyushKhandelwal was welcomed by Principal Sir with a bouquet. After this, Principal Sir was invited for his address. Prof. (Dr.) Rakesh Kumar Dwivedi, Principal, CCSIT addressed the participants of the event. In his address he focused on the importance of innovations and entrepreneurship for the society and nation in large. He also threw light on the achievements of students under the banner of IIC-CCSIT.

Mr. PiyushKhandelwal, started his address by focusing on Wantrepreneur and Entrepreneur. He said Wantrepreneur are those persons who don't share their ideas and always think of implementing it but are unable to implement it where as Entrepreneurs always share and discuss their ideas with other and implement it to establish successful startups. Also the journey of Wantrepreneur end soon as they have the fear that their ideas might get stolen while Entrepreneur journey is everlasting as they work on multiple things with the support of their team.

Here he discussed that the startup established with one idea is changed over the period of time to meet customer requirements. It was well explained with the help of suitable examples like Amazon, PayTm etc. For example like Amazon started with selling books but now it has a more than 1 crore product. Similarly in PayTm which started with concept of bargaining in ecommerce, but now days it has become an online financial platform.
He discussed about Entrepreneurship. He said Entrepreneurs are made but not born. Entrepreneurs view the things with different perspective. During the address, he played an interesting game of guessing Date on which a person is born by showing them cards consisting of set of numbers. After which he asked the students to find the logic behind the game. Some students were able to find the logic behind the game but the most appropriate one was awarded with a T-Shirt from GeekForGeeks. Mr. Khandelwal informed that Potential Entrepreneurs are identified with the help of EESI acronym:
E ->Exploring things in 360 degree;
E ->Explore problems around its surroundings;
S -> Share Solution and
I -> Implementation of Minimum Viable Product (MVP).
He closed his address with the statement: “Entrepreneur is not part of the crowd but he creates its own identity”.

The workshop was successful in achieving its objective and participants greatly admire the presentation skills and knowledge of the Resource Person. Finally the vote of thanks was offered by Mr. Rajendra Prasad Pandey to the resource person and the support team for making their sincere effort.

IBM Cap Distribution 22 November, 2021

College of Computing Sciences and Information Technology distributed IBM Cap to B.Tech CSE- IBM students and Instructors. During this event, students got highly motivated regarding academics. Prof. Dwivedi interacted with the students and elaborated on the importance of being active and interactive in academics. He stated that the college days are the most crucial days of the life since these are the days that shape the career of a student. This is the time when teaching and learning which are confined to the four walls of the class rooms are not enough. Students need to go extra mile to achieve the desired success. College of Computing Science and Information Technology endeavors to transform students into future ready professionals. In total, 30 beneficiary students & 8 administrative staff members got involved in this cap distribution program. The cap distribution process was carried out successfully by joint efforts of TMU- IBM. Mr. Amit Singh, incharge of B.Tech IBM and Assistant Prof. CCSIT proposed vote of thanks at the end of the event.

Faculty of Engineering planned to have an Essay competition on Road safety awareness under NSS daywhich was held on 22th November,2021

Program started with the address of Respected Director of Faculty of Engineering.He gave blessings for the activities. He said that except study we should also involve in such kind of activities by which we could save our life & nation also. He told about the importance of National Service Scheme by which we can serve the society & nation. Indoor &outdoor activities were executed by the member of NSS unit.In this series he also told that plantation is an important part to save our life. If we did more & more plantation in our society & nearby areas, the air of atmosphere will get pure & fresh and health issues of India can be minimized.

We should also help our neighbors in all cruicial circumstances physically, economically &mentally. Anchoring was done by HimanshuSharma. On this occasion, other members of NSS unit DrAbhinavSaxena, DrDiptonil Banerjee, Mr. Bhagwan, Mr. Amit Kumar, Mr. NeerajKaushik Mr.Umesh Kumar & HOD of Maths department and faculty members like Dr. L.K. Tiwari, DrKamesh Kumar, DrGopal Kumar Gupta &Dr Ashok Kumar were also present.
Students of B.Sc.(Maths)final yearPrernaSaini got 1st position, Naman Joshi got 2nd position &Anamika Jain of B. tech civil 4th year student got 3rd position in the essay competition.

B.Tech I.Nurture Fresher Party

Description of Event:A fresher party was organized by i-Nurture Cloud Technology and Information Technology at the Faculty of Engineering and Computing Sciences-FOECS, TeerthankarMahaveer University. The event was conducted by Anshika, Goldie and Shruti. The fresher party was inaugurated by the Director and Principal of FOECS, Prof. Rakesh Kumar Dwivedi, HOD Prof. Ashendra Kumar Saxena, Proctor Dr.ShabhuBhardwaj, Miss. Anu Sharma, Programme Co-ordinator, Manish Tewari, Deputy Registrar, Senior Patron of I-Nurture VikasVerma, Program Coordinator Mr.PrafullaSaxana and Mr.Sudhanshu Kumar, Event Coordinator Mr. Bharat Kumar Padhi, Mr.NavneetVishnoi etc.

Agenda: Fresher Party of BCA, B-Tech I-Nurture Celebration and Selecting Miss Fresher and Mr Fresher.

Fresher's B.Sc.(Hons.)C.S

The students of B.Sc.(Hons.) C.S, FOECS, TMU organized a fresher's party " ARNIMA 2K21" on 29th November 2021 to welcome the batch of 2020 & 2021. The purpose of the fresher's party was to make every new student feel connected as an integral part of the FOECS family and be ready to take on the challenges of the year ahead. Students started the program by welcoming all the members. Jovial smiles and high spirits marked the welcome party of the new students. The theme of the party was Punjabi, and the set-up made the venue look bright and wonderful. The party was organized at LT-2, FOECS. It manifested youth and enthusiasm at its best.

As a trend of the college, the party began with the auspicious lamp lighting ceremony and prayers to Goddess Saraswati. The occasion was graced by the presence of Respected Principal sir, Jury members Dr.Megha Sharma, Mr.Aditya Jain &Mr.Mohd. Saleem. The principal, Dr.R.K.Dwiedi inaugurated the event by welcoming the students through his motivational speech.

The event was hosted by AnshikaBahukhandi and Adarsh Malik. SiddhantNegi was elected Mr. Fresher and Bhumi Jain as Miss Fresher in B.Sc. (Hons) C.S of 2020-21 Batches and Mr. Sunshine's title was won by MadhukantYadav of B.Sc. (Hons) C.S first year and Miss Sunshine's title was won by SaumyaVerma of 2021-22 Batch.

Many other exciting prizes were conferred,GarimaYadav was selected as best dancer, Abbas Khan best singer and AshiChauhan was declared Miss Star Performer. The winner of Musical Chairs was AshiChauhan of first year and AnshikaBahukhandi of second year.

Principal Excellence Award

The Institute recognizes the academic achievements of its students in the form of several academic excellence awards. These academic excellence awards are given at the end of each academic year based on the performance of the student in the previous academic year.

Academic Excellence Awards are given to meritorious students of Faculty of Engineering, TMU on the basis of CPI in the previous academic year. Here CPI of the previous academic year (API) is computed solely for the previous academic year. Previous academic year includes Odd and Even semester courses of the previous academic year. A student who has failed in one or more courses in the last two regular semesters is not eligible to receive the award. The awards consist of a certificate of academic excellence, Medal for achieving highest marks in class, Letter of Appreciation to the Students and his/her parents.

Top ten students are being called for the Award ceremony; Top three awardees are felicitated with the Merit Certificate. First award winner take away the certificate of academic excellence, Medal for achieving highest marks in class, and Letter of Appreciation to student and his/her parents.

Principal Excellence Award 2021, was organized on 29th Nov 2021.

In this Award ceremony Academic Excellence awards were given to Total 187 Toppers of various disciplines including B.Tech Mechanical, B.Tech Civil, B.Tech EC and EE, B.Sc. Physics, Chemistry and Math, M.Sc. Physics, Chemistry and Math. Principal FoE, Dr. R.K. Dwivedi congratulated all the toppers on their achievement. He motivated second and third toppers to win the race and achieve first position next time.

In Best Project Award Ceremony, Awards were distributed by judging projects under three categories Business Value, Process Effectiveness and Team Work. Students of B.Tech Mechanical, B.Tech Civil, B.Tech EC and EE, B.Sc. Physics, Chemistry and Math, M.Sc. Physics, Chemistry and Math branches participated. Total 24 Projects were awarded during this ceremony.

In Best Supervisor Award ceremony, 24 Supervisors of various disciplineswere also awarded for giving their contribution in producing good projects.

Principal FoE, Dr. R.K. Dwivedi congratulated all the toppers on their achievement. He also congratulated Best project award winner and best supervisor award winners on their dedication for work and producing good quality projects.

AAGHAAZ

Highlights

- VC Prof. Raghuveer Singh explained the tricks of strong bonding with seniors.
- Pro. RK Dwivedi said, the college is committed to the all-round development of the students.
- Payal won the title of Miss Charm and Paurush won the title of Mr. Charm in the beginning.
- Enthralling performances givenin form of Dance, Singing, Rap Walk, Talent Round etc.

Faculty of Engineering and Computing Sciences of TeerthankerMahaveer University –organized Freshers Party of B.Tech - Aaghaz 2021 on 01 Dec 2021 whereinChirag Jain of B.Tech-Computer Science waschosen as Mr. Fresherand Sambhavi as Mrs. Fresher. In the fresher's party, first year B.Tech-Computer Science, Payalwon the title of Miss Charm and Paurush was given the title of Mr. Charm. Various cultural programs were held in the fresher's party, in which the students won the hearts of all with their talent. The students gave mesmerizing performances on dance, singing, rap walk, talent round etc. Ramp walk was held in the first round of Mr and Miss fresher competition. In the second talent hunt round, they showcased their talent by Singing, Dancing, Shayari and Mimicry etc. The third and final round was of quiz. The jury included Mr. Aditya Jain, Miss HumairaAqueel, Dr.ZareenFarooq, MissInduTripathi etc.

The activities were coodinated by students' coordinators Aastha, Shashwat and Tanmay.

The event was inaugurated atRiddhi-Siddhi Bhawan - 2021 by holy hands of Prof. Raghuveer Singh,Hon'ble Vice Chancellor TMU,Dr.Aditya Sharma,Registrar,Dr.Manjula JainAssociate Dean,Prof. Rakesh Kumar Dwivedi DirectorFoECS, Prof. Ashendra Kumar SaxenaHoD CCSIT, ShriHarjinder Singh and ShriAditya

Jain.
Prof. Raghuveer SinghHon'bleVice Chancellor explained in detail about the importance and methods of strong bonding with seniors.
On this occasion Dr. Sandeep Verma, Mrs. Ranjana Sharma, Mr. JyotiRanjanLabh, Mrs. Neeraj Kumari, Mrs. ShikhaGambhir, Miss Maryam Tahira, Mr. Manish Tiwari, Mr. Manoj Gupta etc. were also present. At the end of the event Mr.RupalGupta ,B.Tech-Computer Science Coordinator expressed his gratitude to all.

B.Sc. Physics Fresher Party

The morning of 1st Day of December brought different beats to Department of Physics, TeerthankerMahaveer University (TMU). This was the day when 1st year students of both UG and PG levels were formally welcomed by their seniors through a heart worming party and numbers of amusing events.
The event started around 11 o clock in the morning with cutting the ribbons by the Prof. (Dr.) R. K. Dwivedi, Principa1, Faculty of Engineering, TMU followed by formal welcoming ofall the new students by the seniors. In his welcome address which was initiated by the cake cutting prof. Dwivedi greeted every new student with his heart and said that Physics is one of the most fundamental subjects and thus only a physicist can have the ability to offer an all-round improvement in the scientific and technological world. He further added that he, very positively, expects that the students would bring more glory to the university by establishing themselves through an all-round development.
The events further moved with the self-introduction of every new student accompanied by a funny task assigned to them by the host.
The audience was mesmerised by the dance performance of Saumya a 1st year PG students. With parallel small snack refreshment the programme further continued with different other events like Dumb Charades game, dance performance, Arm Wrestling game etc. Of which the overwhelming dance performance of Aarti is mention worthy.
Each and every student got crazy in synchronizing their steps with DJ songs which was no doubt a centre of

attraction of the party.

In between, a palatable lunch was arranged by the students with some mouth-watering dishes. In post lunch session the spirit still continued with crazy dance with DJ beats. At the end of the session the name of the Mr. and Mrs. Fresher were announced. From B.Sc. 1st year YashRajvardhanand VidhiChauhan were declared as Mr. and Mrs. Fresher whereas From M.Sc. 1st year KunalRandhawal and Saumyawere chosen as the same respectively. The program ended with a formal vote of thanks given by Dr.Diptonil Banerjee, Associate Professor, Department of Physics.

Few worthmentioning presence wereDr.Amit Kr. Sharma, Prof. S.P. Pandey, Dr.Diptonil Banerjee, Dr.ParagAgarwal, Dr.Pavan Kumar Singh, Dr. Vishnu Prasad Shrivastava,Mr. Rahul Vishnoi, Mr.Prashant, Dr.Vipin Kumar, Dr.SiddharthMathur, Mrs.NehaAnand and many other.

The entire program was very well conducted by Ms.Pratha Sharma and Ms.HarshitaBajeta.

Environmental Pollution: Challenges and Remedies

Description of Event:Department of Civil Engineering organised a one day technical webinar occasion of National Pollution Control Day for the awareness of the students of B.Tech Civil IV, III & II year successfully via google meet platform on 02/12/2021.

Coordinator Mr.AnkitKumar said that India is the only country in the world where earth is called mother. Therefore, it is our responsibility to save the earth from pollution.

This webinar started with welcome speech of Professor R.K.Dwivedi (Director, FoECS, TMU, Moradabad) in which he welcomed the key note speaker of webinar Prof. DevendraMohan,Professor, Department of Civil Engineering, IIT BHU.

He motivated the students by his speech. He toldthat National Pollution Control Day is observed every year in remembrance of those who lost their lives in the Bhopal Gas tragedy when the deadly gas methylisocyanate leaked out of the Union Carbide plant on the intervening night of 2nd December in 1984. He said that all of us should fulfill our duty towards the environment properly.So that the coming generation can also take advantage of the nature.

Professor R.K.Dwivedi, Director FoECS said that we need to combine it. The corona pandemic taught us the importance of oxygen. Therefore, we should fulfill our responsibility towards the environment by planting trees. He said that Department of Civil Engineering has taken the responsibility of celebrating this Environment World Day as the environmental subject is an integral part of Civil Engineering. We all should fulfill our duty towards the environment properly.So that the coming generation can also take advantage of the nature.

Vote of thanks was given by Prof. R.K. Jain HoD, Department of Civil Engineering, TMU, Moradabad. Referring to the Jain doctrine, he said that a basic sentence is AnarthadandVratwhich meanswe should not misuse anything given by nature like water, electricity, air, food etc.

The Webinar provided the opportunity to the students to know about the environmental issues and their responsibilities to solve these issues.

GET TOGETHER REPORT 2K21

On 2nd December 2021, B.Tech CSE/AI/IBM 3rd year students organized a get together party "SANGAM-E-FI-ESTA" for their 2nd juniors who were not able to get the freshers'party due to Covi-19 Pandemic. They organized the party in RIDDHI SIDDHI BHAWAN which was decorated with balloons and a Selfie point was made. Students invitedShri Suresh Jain,Hon'ble Chancellor Sir, Prof.Raghvir Singh Hon'bleVice Chancellor Sir, Prof. R.K.DwivediDirector FoECS to give a start to this enthusiastic party. First, along with SaraswatiVandana, lighting of the lamp took place. Taking the partyahead ,12 pairs were selected for the Ramp walk round where they introduced themselves Infront of the judges (Mr. Aditya Jain, Ms. HumeraAqueel, Ms. Indu) . 6 girls and 6 boys were selected for the next round on the basis of their confidence and communication skills.

Meanwhile, 3rd year students prepared Dance and singing performances. Some 2nd year students also showcased their talents via various mesmerizing performances. Second round was Instagram Reels trend and acting. All the selected participants as well as the audience enjoyed a lot and out of that Top 3 girls and boys got selected for the last round, just a step behind the titles of the event. Last round was Question and Answer round. Judges asked the question from each participant and the best answer was given by Ms. Divya Jain who won the title of Ms. DIVA and from boys MR. Udit Gupta who won the title of MR. HANDSOME. Two more titles STAR OF THE DAY were won byHarshita Jain and Manraj Singh. The entire event was a power packed event enjoyed by everyone.

Best Project award

College of Computing Sciences & Information Technology hosted Best Project Award of Session 2020-21. Three teams have been identified in three categories i.e. Business Value, Process Effectiveness, and Best Team Coordination.

The college acknowledged and awarded 22 best team to award the best project in different category. In this award ceremony, students introduced various projects which are very useful for the college as well as students. For example one of the projects 'AUTOMATIC HAND SANITIZER MACHINE that is developed by B.Sc(Hons) CS students to address the problem of Covid19 which shows how we can use sanitizer without touching it. This project has been developed by Ananya Agarwal , Akansha Bhatnagar and Apoorva Sharma(B.Sc(Hons)CS) students) under the supervision of Dr. Gulista Khan. In this event some projects from Animation Department were also awarded as the best project.

Prof.Rakesh Kumar Dwivedi, Director FoECS stated that this is the best practice adopted by the college which is in continuation from last 6 years to motivate the Students.

Principal Sir congratulated all the members of winning teams. Mr.Rajendra Prasad Pandey(Project Coordinator) told the importance of Project in the carrier of the student. The supervisors were also awarded for their efforts. Ms.Ranjana Sharma, Mr.Amit Kr. Vishnoi, Ms.Humera Aqeel, Mr.Abhilash Saxena , Mr.Ratnesh Shukla , Mr.Ashish Bishnoi , Mr.Ankur Chaudhary and Ms.Shikha Gambhir were awarded in the ceremony.

Principal Excellence Award

The Institute recognized the academic achievements of the students in the form of several academic excellence awards.These academic excellence awards are given at the end of each academic semester based on the performance of the student in the previous academic semester.

Academic Excellence Awards are given to meritorious students of College of Computing Sciences and Information Technology (CCSIT), TMU on the basis of passing marks in the previous semester. The awards consist of a certificate of academic excellence, Medal for achieving highest marks in class, Letter of Appreciation the Students and his/her parents.

Top ten students have been called for the Award ceremony; Top three awardees have been felicitated with the Merit Certificate. First award winner got the certificate of Academic Excellence, Medal for achieving highest marks in class. Letter of Appreciation was given to the student andto his/her parents.

Principal Excellence Award 2021, were organized on 7th,8th Dec, 2021.

In the Award ceremony Academic Excellence award was given to Total 132 Toppers of various disciplines including B.Tech CS, B.Tech IBM,B.Sc CS, B.Sc Animation and MCA. Prof. R.K. Dwivedi, Director FoECS-congratulated all the toppers on their achievement. He motivated second and third toppers to win the race and achieve first position next time.

Interaction of B.Tech CSE (IBM) Studentsfor Introduction about LMS Portal.

On 13th-Dec-2021 Ms ShefaliDutta& Mr AmanBakshifrom IBM interacted with the students of B.TECH CSE(IBM)& gave introduction of LMS portal of IBM to make students enabled learn about the new technology & get their certificate after qualifing the exam. During the session, Madam Shefali also discussed the advantages of Cloud certification and explained how these certification help students in industry during the initial time of job taking opportunity. Session was equally supported by the Assistant Registrar (Academics)Mr. Manish Tiwari and Acting programme Coordinator, Mr.Amit Singh. During the session,Prof (Dr.) R. K. DwivediDirector FoECSalso interacted with students and shared his thoughts. He welcomed new students of B.Tech IBM and also congratulated the students for their IBM certificate completion. Session was followed by sharing the placement status of the current batches of CCSIT. Further,information about various college activities/events like IIC Ranking, FDPs & Conferences organized, patents published were shared with the students.
Session was ended with the vote of thanks byMr.Amit Singh,Acting ProgrammeCoordinator B.TECHCSE(IBM).

Technology-Based Entrepreneurship Development Program financially sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Ministry of Science & Technology, Govt. of India

TEDP General Chair, Prof. R K Dwivedi informed that we have completed 18 successful days of 36 days TEDP. During the period the participants were enlightened with major attributes of entrepreneurship through various sessions including MSME, business opportunity, market survey, Project reports, data collection, property rights etc. The eminent speakers from every corner of the INDIA for total 36 sessions will cover all major components of TEDP. He informed, more interactive sessions by industry, banking, incubation centres and academia experts will be the part of next 18 days of TEDP.
TEDP convenor Dr Pankaj Kumar Goswami conveyed his regards to all the speakers and participants for incredible half way journey of TEDP. He informed that the participant from all over India are highly thankful for organizing such a long duration skill development program. They are appreciating the session speakers and TeerthankerMahaveer University for such a great learning platform. Dr Goswami informed to Media that TMU is the only university in the north region working for the development of society and catering people for entrepreneurial trainings.
Hon'ble Vice chancellor, TMU, Moradabad, Prof. Raghuvir Singh delivered his keynote address on leadership modes on 18th day of TEDP. During his address, he discussed various attributes of leadership including compass of leaderships, five best leaderships style, domain of leadership, traits of leadership, leadership skills, levels of leaderships etc. He elaborated on the key mantra of leadership to pick up responsibilities and new challenges.
Dr Aditya Sharma, Registrar, TMU, Moradabad has

given a very appreciable session on networking, negotiation and delegation of authorities. He spoke about networking skills, negotiations objectives and work efforts for delegation of authorities. He elaborated on the main strategy behind negotiation skills which are balance of power, constructive climate and flexibility of behaviour.

Dr.Manjula Jain, Associate Dean, TeerthankerMahaveer University, Moradabad discussed "Preparation of detailed business plan" in the second session of 15th day TEDP. She highlighted the various threats which are affecting the business and its growth. She also discussed about various marketing strategies which are helpful to strengthen any type of businesses. She briefly analysed the effects of political, socio-cultural, economical, technological parameters on the growth of the company with the help of PEST analysis template. Thus, she enlightened us on working on up-to-date strategies and techniques which will be the key parameters for any successful entrepreneurial investment.

Dr Anil Kumar, Scientist/Engineer – SG, Indian Institute of Remote Sensing, Dehradun, was the next eminent speaker of 2nd day TEDP programme.

He briefly discussed "Opportunistic approaches in Geospatial Technology using Deep Learning over worlds' trending business" in the 2nd session. He highlighted various learning methods such as machine, deep and human learning methods for real life and practical applications. The applications include such as processing remote sensing images, specific crop harvesting, etcto name a few. He also discussed employing deep learning algorithms for detection applications

He also discussed the significant impact of Artificial Intelligence (AI) along with Geospatial technologies on human kind. He especially emphasised on the importance of focusing on working in buzzing and emerging technological areas using these modern learning methods.

Prof. J Ram Kumar, Professor, IIT, Kanpur mesmerized the participants with his informative note on the topic "How to Identify Business Opportunities and Business Opportunities Identification: Criteria of selection & Sources of Information"that was highly appreciated and admired with very good comments. The term 'a dog for a walk' dragged the attention of all, in which he made the participants familiarized with the characteristics of a successful entrepreneur i.e. motivation, good behavior, leadership, risk taking, critical thinking etc. He discussed perceived opportunity with organization of resources and how to produce new ideas to convert into opportunity. Wonderful innovations like stretchable bucket, small thumb tool for holding pages, nail holder, plug with a hole, cup holder and many more won the hearts of the participants.

Dr.ShegaliAgrawal, Group Head, IIRS, ISRO, Dehradundiscussed all important aspects of fundamental and applied aspects of remote sensing, GIS and allied spatial technology with emphasis on satellite photogrammetric, Lidar remote sensing, Hyperspectral Remote sensing, UAV remote sensing, Under water Image processing and advanced image processing related to land use /land cover characterization and vegetation physics dynamics. During her session she mainly focused on the process of Geographic information system and image capturing process.

The talk was effectively delivered by Dr Madhushree, Solution Engineer, NVIDIA. She told about the evolution and history of AI in the beginning. The importance of AI in our daily lives has been focused upon by her. She discussed how our children can learn better with AI, how deep learning is transforming the world and how AI can accelerate the domain of Data Science. Various application areas of AI with recent examples were discussed by the speaker. The domain of AI is rapidly growing. AI has also started impacting the nature of jobs that will be available in the future, so students must be ready to learn those skills in the technology domain that will help them grab good jobs in future. She also discussed about the risks associated with AI.

Dr.Deepika Jain, MD, Megacosmos talkedabout importance of soft skills in personal and professional life.

She said that communication &soft skills are the tools we use to clearly and effectively converse with others, set expectations, and work with others on projects. Soft skils are vital to organizations and can impact culture, mindsets, leadership, attitudes and behaviors. He told to the participants how to make questionnaire effective and qualities of a good questionnaire. She said that communication is a two–way process. Listening is therefore an essential skill too.

Dr.Kalyana, Chief Advisor, StartcoreTechnologies elaborates about importance of questionnaire in market survey, purpose and process of online market research, steps involved in market research and uses of market research. He said that no survey can achieve success without a well-designed questionnaire. He told, 'how to make questionnaire effective and qualities of a good questionnaire.' He said that physical appearance of a questionnaire can have a significant effect upon both the quantity and quality of marketing data obtained.

During address, Dr.Chetankumar, Assistant professor, Anand Agriculture University, Gujrat elaborated about market survey, purpose and process of online market research, steps involved in market research and uses of market research. He said that market research is typically used not just for defining marketing goals and plans, but it also impacts the company's sales strategy and targets, revenue numbers, product features and focus areas, services and offerings, and a lot more avenues. According to him,'Market research is an essential element to improving, evolving and truly crafting products and services that customers both need and want.' He explained, in details, about the online market research tools also like Google Keywords Tools, Google analytics, Market Survey Websites and google form etc. The session was highly admired by the participants.

Dr. Patrick, Osamania University, Hyderabad addressed the second session over the topic "Online interaction with technical experts for finalizing projects". He elaborated various important headers for project presentation as about Product and Services which distinguished an individuals from others, importance of technology and financial plans of project.

Prof. AlokJohn,Director of Mother Veronica Excellence & Innovation Centre, Patna spoke on "Developing Entrepreneurial Competencies" and Topic was "Achievement Motivation". The speaker started his speech on the need of achievement for an entrepreneur by defining it as a Psychological drive to excel, a social form of motivation to perform at a high-level competence. The term Achievement motivation was first introduced by Henry Murray and active research on topic was done by David McClelland. In continuation speaker defined two category high and low motivated person and explained their differences.

Dr. Ravi Tati, Head Research, St. Mary College, Hydrabad had shared about the role of break-even analysis for smooth functioning of any MSME. He briefly discussed about the analysis of break-even point, profit/loss estimation and the no profit/loss (beak-even point) estimation in MSME. With the help of a numerical he explained the all-related terms of break-even analysis i.e., the fixed, variable cost, total cost, total revenue, break-even point and cost volume profit analysis. He also correlated the role of all these parameters in the smooth functioning of MSME.

Dr.Yogesh Lad, HR department, Anand Agriculture University, Gujrat enlightened the session on the topic "Useful tips on labour laws" with very graceful manner and clarified the all-labour laws and related policies such as apprentices act 1961, control labour act 1970 etc. This act included overall benefits of labour such as shift timing, maximum working hours, safety majors, leaves and holidays, provident fund after retirement, promotions, bonuses etc. He also discussed about Promotion criteria of new manpower, qualification for apprentices, obligations, hours of work, health safety and welfare measures, leaves and holidays.

The eminent speaker, Dr Ashish B. Mahera, Assistant Professor, International Agribusiness Management Institute, Anand Agricultural University, Anand- Gujarat, for 16th day Session Ist was startedwith his talk on the need of Product Promotion, Sales and Advertisement. The topic of day 16th was "Marketing Management". He threw some light on Product Promotion, Sales and Advertisement. He explained the Marketing Management, Strategic Formulation. He also explained Steps to Improve Quality of Marketing Intelligence. Company orientation towards the market place: selling concept, market concept. Focus on SWOT Analysis. Everything will start with Marketing Research. Best way is Continuous Improvement

National Mathematics Day

The celebration was started with a beautiful hymn Satyam ShivamSundaram, beautifully sung by AnshikaAgarwal of B.Sc. (H) Mathematics First year. In addition to that Prof. Rakesh Kumar DwivediDirector FoECS delivered his talk. He started his talk by thanks giving toHoD along with the faculty members of the Department of Mathematics for organizing this event.

He also threw some light on the life of Sir Ramanujan. He spoke about his early dismissal in just 32 years, but despite of his short life he worked tremendously and gave the concepts like infinity and number system to the world. In continuation, Prof. Dwivedi beautifully correlated the Satyam ShivamSundaram with language of Mathematics.

He said Satyam is Mathematics itself and no one can deny the fact that Mathematics is the ultimate truth. Shivam signifies that Mathematics involves complexity. Sundaram signifies that Mathematics is beautiful.

This is how Prof. Dwivedi narrated Satyam ShivamSundaram in the Mathematical sense. He said that no calculation whether easy or complex cannot be solved without Mathematics. Today Students of B.Tech study Mathematics as an art. In the Indian research domain, Mathematics helps in précised decision-making. Whatever we use in calculation Mathematics plays a crucial role as an important tool for the solution.

The great Indian philosopher Kapil Muni gave the philosophy of "Sankhya" to the world. During British rule in India,Ramanujan proved his caliber to the world and Mathematicians by this achievements and contribution in the field of Mathematics. Furthermore, the next eminent speaker of the event Mr. Swapnil Kumar Srivastava, Assistant professor, department of Mathematics, Erwin Christian college, University of Allahabad, expressed his views along with some interesting life incidence of Sir Ramanujan. He started his talk with a formal thanks to the organizers and warm wishes of the event to students. He emphasized that we should continuously celebrate this day not just as a day of the birth anniversary of Ramanujan but we shouldalso celebrate this day for the continuous growth of Mathematics because we need to push Mathematics to its height.

Ramanujam was born in a poor family and he could not speak for three initial years of his life. He struggled a lot and Prof. Hardy contributed a lot in his academic life. He also told about the interesting number 1729, also known as taxi number. Hardy quipped that he came in a taxi with the number '1729' which seemed a fairly ordinary number but Ramanujan said that it was not. 1729, the Hardy-RamanujanNumber, is the smallest number that can be expressed as the sum of two different cubes in two different ways. (12)3 + (1)3 = 1729.

In his talk, Mr. Swapnil quoted the famous saying of Ramanujan, " An equation for me has no meaning unless it expresses a thought of God." Once Prof Hardy conducted a survey on numerous great Mathematicians and ranked them accordingly in that survey Ramanujan got 100 marks. With this fact sharing, Mr. Swapnil concluded his talk. In addition to this,PalakTandon student of M.Sc. Mathematics Ist year, gave a presentation on Ramanujan.

In the last phase of the event, Jatin and Aman Ali from B.Sc. (H)-1st year,Mathematics successfully conducted an oral quiz.

After this oral quiz, a written quiz was conducted. Total 77 students from different streams and courses participated. The final result of the quiz is as follows:

I position: PrernaSaini [B.Sc.(H) Mathematics IIIrd year]

SaketChaudhary [B.Tech. (CSE) Ist year]

II position: Taniya Mittal [B.Sc.(H) Mathematics IIIrd year]

Abhay Kumar [B.Sc.(H) Mathematics Ist year]

III position: BrahmSagar Gaur [B.Tech. (ECE) Ist year]

The event was driven by Taniya Mittal and GargiSharma , students of B.Sc. (H) Math IIIrd year. HoD (Mathematics) Dr.Ajit Kumar, Dr.Gopal Kumar Gupta, Dr.AbhinavSaxena, Dr.Kamesh Kumar, Dr.Vipin Kumar, Mr. Ashok Kumar, Dr. Alok Kumar Gahlot, Dr. Ajay Upadhay, Mr. Rahul Vishnoi (Proctor FoE), and many more were present in the event.

The event was concluded with the vote of thanks delivered by Dr. Gopal Kumar Gupta.

Future Scope of Cognitive Sciences

College of Computing Sciences & Information Technology, TeerthankerMahaveer University, Moradabad, U.P., is planning to start B.Sc. in Cognitive Sciences Programme from the Academic Session 2022-2023. A Lecture on the Future Scope of Cognitive Sciences got scheduled on 24th December 2021 in LT2 by the resource person Ms.Sania Jain. Ms.Sania Jain, a Cognitive Scientist, Psychology Graduate from Delhi University and Post Graduate from IIT Gandhi Nagar. Sessionstarted with the inaugural address of Prof. R. K. Dwivedi, Principal & Director, FoECS. Ms.Sanya Jain started her lecture by elaborating on the Scope of the Cognitive Sciences. She explained the function and mechanism of the brain and behaviour from three different perspectives. Prof. R. K. Dwivedi,gave his special thanks to Ms.Saniya Jain for sharing the useful input in this domain.

Esperanza 2021, freshers Party, B.Tech. (EE, ME, CE, ECE)

The most awaited event, fresher's party under the name of 'Esperanza 2021' was organized for B.Tech. first year students of Electrical, Electronic and communication, Mechanical and Civil Engineering by the second-year students of Faculty of Engineering at lecture theater -5 in college premises. The program started with lamp lightening ceremony in front of goddess Saraswati.

All the students presented their performance very actively and participated with full enthusiasm. Singing,dancing, talent hunt and ramp walk were the most liked performances by all present there. Shivam and Muskan, first year students performed solo dances while Sidhant Jain sang a melodious song. MohdMaaz mesmerized everyone through his English song while Vivek and Mohd Shad recited shayari in wonderful way.

MohdMaaz from B.Tech Civil Engineering and Muskan from Electrical Engineering were selected and awarded with the title of Mr Fresher and Miss Fresher respectively. Dr Garmia Goswami, HoD Electrical Engineering, Mr Umesh Kumar Singh, Coordinator of B.Tech First year and Mr Rahul Vishnoi Proctor of FOE graced the event as the jury members.

Prof R K Dwivedi, Principal of FOE&CS appreciated the event and conveyed his best wishes to all the fresher. Prof Dwivedi motivated them and reminded the whole sole objective of FoECS i.e. carrier oriented education. He elaborated on all career opportunities in each branch of engineering and encouraged the students to remain aware of these one and keep updated themselves with the time.

Mr Umesh Kumar Singh, Coordinator of B.Tech First year delivered vote of thanks to all for making the event delighted and successful. The program was anchored by Mr Deepak Jain and MrKartikey Singhal, the students of B.Tech. Dr Vipin Kumar, Dr. Vikram Raina, Mr A K Pepersenia, Mr Harish Kumar, Dr Ajay Upadhyay, Mr Raghvendra, Mr Amit Singh and Dr Sandeep Vermagraced the event. The program was well coordinated by Mr Umesh Kumar Singh along with B.Tech II year students.

10th International Conference SMART 2021

10th International Conference on "System Modeling & Advancement in Research Trends" (SMART–2021), in technical co-sponsorship with IEEE UP Section, was organized by Faculty of Engineering & Computing Sciences, TeerthankerMahaveer University, Moradabad on 10-11, December, 2021. The purpose of this conference was to make a scientific contribution in the field of computational creativity through discussion and publication on progress in fully autonomous creative systems, modeling human and computational creativity, computational support for human creativity, simulating creativity, and human/ machine interaction in creative endeavors. Contributions have been received from many relevant disciplines, including Computer Science, Artificial Intelligence, Engineering Design, Cognitive Science and Machine Learning and Deep Learning. The main objective of SMART–2021 was to provide a platform to Researchers, Engineers and Scholars in the field of Computer Science and Information Technology to disseminate their latest research results and to exchange views on the future research directions in these areas. The conference focused on the study and exchange of academic achievements of international researchers which serves as academic discussion communication platform which is beneficial for research in the field of computer science aiming to stimulate researchers in their work. The collection of papers in the conference proceedings was on Emerging Technologies, IOT & Wireless Communication, Digital India Initiative, Communication and Network Broadcast, Signal Image & Communicational Technology and Governance, Risk and Compliance.

SMART–2021 received 385 submissions and each submission was reviewed by external reviewers and has been evaluated on quality, originality, and relevance. The technical program committee accepted 134 papers. As a result, 134 submissions were selected for discussion at the meeting of the program chairs and all papers were accepted for the presentation at the conference. Out of 385 submissions, 134 were chosen to be published in the proceeding of SMART–2021. The papers presented at SMART–2021 were not the only highlights of the conference. In addition to the technical sessions, the conference featured keynote addresses by leading Academicians from Industry and Academia, such as

1. Prof. S.N. Singh, Professor (HAG) Department of EE, IIT Kanpur, UP, India. 2. Dr. G. K. Goswami-IPS, Inspector General of Police, ATS , Uttar Pradesh Police UP 3. Prof. (Dr.) R . K. Mittal, Vice-Chancellor, ChaudharyBansiLal University, Bhiwani, and Founder V.C., TeerthankerMahaveeer University, Moradabad, India. 4. Dr. DanilaParygin, Associate Professor, VSTU, Cand. Tech. Sc., Volgograd, Russia 5. Prof. Asheesh Kumar Singh (Prof., EE-MNIT Allahabad). 6. Prof. (Dr.) PrabhakarTiwari Associate Professor, Deptt. Of EE, MMMTU-GKP 7. Dr. PrakashChauhan , Director

Indian Institute of Remote Sensing Dehradun 8. Prof. Mohammad Sarosh Umar, Professor, AMU, Aligarh. 9. Prof. (Dr.) Dilip Sharma, Associate Dean (Academic Collaboration), GLA University, Mathura. 10. Prof. J Ramkumar , ME Department IIT Kanpur 11. Prof. M. N. Hoda, Professor of Computer Science & Director at BharatiVidyapeeth's Institute of Computer Applications & Management (BVICAM), New Delhi 12. Dr. Karan, Associate Professor, JNU, New Delhi. In total, there are over 458 individual authors from eight countries, representing both academic and industrial organizations. The research areas covered in SMART–2021 are, thus, not only technical in nature, but also reflect the diverse angles from which to approach this emerging

research field. During the organization of this conference the college received help from different people, departments and institutions. The college extended sincere thanks to the Chief Patrons Shri. Suresh Jain, Hon'ble Chancellor, TeerthankerMahaveer University, Moradabad , Shri Manish Jain, Group Vice Chairman, TeerthankerMahaveer University, Moradabad, Mr. Akshat Jain , Esteemed Member of TMU Society and the Patrons Prof. Raghuvir Singh, Vice Chancellor, TeerthankerMahaveer University, Moradabad for their valuable support in organizing such an international conference. The college is highly thankful to IEEE U.P. Section, India for their enthusiastic assistance and support to this conference. At the same time a big thanks to the authors who submitted their work to SMART–2021 and the external reviewers, who spent their time reviewing the research papers and providing the feedback that resulted in the selection of the papers featured in these proceedings. Prof. Dwivedi appreciated (Conference General Chair) the efforts of the organizing team members for diligent and great work that made this conference possible. He put into record that it was the team effort of all these people that made this conference a success.

In the inaugural session, Dr. G. K. Goswami-IPS, Inspector General of Police, ATS , Uttar Pradesh Police UPsaid, "Research is always needed in every field of life.Thus, research is the main pillar of development. He called for establishing a better bridge between them, focusing on research and education. Speaking on the importance of education, the more educated you are, the better solutions you will have to any problem." Defining the law, he said, the purpose of the law is to protect the people and their property, underlining the role of khaki for its implementation. JRF is extremely important while making laws for the society. Explaining the JRF in detail, he said, in any law, it is necessary to have J for justice, R for regional, and F for fair. He said to the researchers and academicians present in the auditorium, there is a big gap between Indian and global research, this big difference can be overcomed only by study, and study. Quoting Bollywood's renowned scriptwriter Mr. Salim Khan, he said, for good drafting, reading excellent writers is the first condition. 10th Smart Conference started with the lighting of the lamp in front of MaaSaraswati. The occasion was graced byShri. Suresh JainHon'bleChancellor,Dr. GK Goswami, IG-ATS of UP as the chief guest, , Mr. Bablu Kumar, SSP Moradabadas Guest of Honor, Mr. AbhishekKapoor,Director Administration, Prof. RK Dwivedi,-DirectorFoECS and Conference General Chair of SMART,Dr. Aditya Sharma Registrar TMU ,Dr. Manjula Jain Associate Dean Academics,Dr.JyotiPuri Joint Registrar.The students gave an enchanting and soulful performance by performing Ganesh Vandana. The conference proceedings was also released. As Guest of Honor SSP, Moradabad ShriBablu Kumar got emotional remembering his student life at IIT Kanpur during International Conference, SMART-2021. He said, "Though I have been away from technology during the IPS tenure, but I feel proud to come to such a big institution - TeerthankerMahaveer University. Referring to the proceedings of the conference in a very brief addrss, he said, 'Research papers on different topics which are the part of the conference will definitely benefit the people and society., Shri Suresh Jain, Hon'bleChancellor TeerthankerMahaveer University expressed the hope that these precious two days of SMART will definitely prove to be a milestone in your life. If you will ever come across any problems in life, then some or the other experience of this conference will show you a new path. He further stated that the students of TMU will get

special benefit from the experiences of the guests involved in this technical conference.
Prof. R.KMittal, Vice Chancellor of ChaudharyBansilal University, Bhiwani, Haryana and Founder VC, TMU shared his association with University. He stated that from the very beginning, the University is committed for all round development of its students. On the expansion of Information Technology, he said, there is no such sector in the world which is untouched by the infrastructure of IT. Whether it is the field of education or banking, medical etc. have a very important role. For the progressive development of the country, we should make maximum use of limited resources. Giving the example of Nagpur sewerage plant, he said, Biogas is being produced as an alternative energy resource. Today is the era of technology integration. Multi-disciplinary education is also being imparted in TMU. All problems can be solved by such education. This has also been emphasized in NEP-2020. weneed to become job creators, not job seekers because there are huge opportunities in entrepreneurship. There are many opportunities available in the field of entrepreneurship. There are challenges too, but the youth are never afraid to take risks. He said to be Creative and Innovative. Conference chair and keynote speaker Dr. Danilla, Paragin ,Volgograd State Technical University , Russia, promoted digital knowledge to TMU. The present time is of digitization. For this it is necessary to be digitally literate. The time of Big Data and Automation has come. Digital technology has an important role in the change of lifestyle. Along with digital skills, the demand for soft skills has also increased. Ethical Intelligence, Big Data Analytics, Emotional Intelligence are the emerging fields of current. The demand for Robotics Operators and Engineers is increasing day by day. TMU Registrar Dr. Aditya Sharma, referring to the valuable contribution of FoECS in the achievements of TMU, said, "Not only MoUswith well-known companies of the country and the world - NVIDIA, TCS iON, Google, IBM, I nurture etc., but also the 10th consecutive International Conference of Annual Smart is no less than history. Great activity in startups, innovation, publications, research, patents will play an important role in the progress of the university.

On the Second day of System Modeling and Advancement in Research Trends- SMART-2021 on behalf of FoECS of TeerthankerMahaveer University, Dr. PrakashChauhan, Director, Indian Institute of Remote Sensing-IIRS, Dehradun, said as the chief guest, we should adopt positive thinking towards problems. Multidisciplinary research and adaptive learning are the most capable of solving a problem. He laid great emphasis on inculcating the habit of continuous learning while emphasizing on adaptive learning. Dr. Chauhan said, 'we feel more comfortable with the experts of our own subject, whereas we get to learn something new with the experts of other subjects. Today is the time to become a multidisciplinary expert, for which exchange of knowledge with experts from other disciplines is necessary.'The launch of Smart 2021 was inaugurated by the Chief Guest Dr. PrakashChauhan, Director Indian Institute of Remote Sensing-IIRS, Dehradun, Director & Principal FoECS, Prof. RK Dwivedi, Dr. Manoj Kumar Gupta, Head Department of Computers, Mata Vaishnodevi University Katra, Jammu and Kashmir, Professor and Chief Proctor Faculty of Computer Science and Applications, Haldwani, Prof. MK Sharma etc. by lighting the lamp and offering flowers in front of MaaSaraswati. Special guest and keynote speaker ShriNiwas Singh, Prof. EE Department IIT, Kanpur, Director, Prof. MN Hoda, BharatiVidyapeeth's

Institute of Computer Application and Management - BVICAM, New Delhi,Prof. Ashish Kumar Singh Former Section Chair of EE Department, Allahabad , Prof. J Ramkumar , ME Department , IIT KanpurandDr. PrabhakarTiwari, Secretary, EE Department of MMMTU, Gorakhpur, graced the conferencevirtually. Students Anjali Tyagi, Azmi Ismail, Drishti Jain, Akanksha and Piyush Jain gave a melodious performance onSaraswatiVandana. Conference Chair Dr. Ashendra Kumar Saxena delivered the welcome address. Dr. Manoj Kumar Gupta, Head Computer Department at Mata Vaishnodevi University Katra, Jammu and Kashmir, mentioned in detail the development and implementation of Artificial Intelligence in his address. Dr. Gupta said, 'Technologies like AI, ML, DL are making machines smarter. For a brighter future, we have to update ourselves with these technologies.' Dr. PrabhakarTiwari, Secretary, EE Department of MMMTU, Gorakhpur told the researchers, failure is not permanent. We should have the habit of trying continuously, only then we can achieve the destination. Prof. J Ramkumar , ME Department , IIT Kanpuremphasized on adapting modern technology for the welfare of humanity. Director of BharatiVidyapeeth's Institute of Computer Application and Management - BVICAM, New Delhi Prof. MN Hodadiscussed in detail the use of technology in the changed environment during Kovid-19 and the changing nature of Industry 4.0. He said that the technological developments of today are setting the basis of tomorrow. Industry 4.0 has transformed the traditional business which has been going on for 100 years. Former Section Chair of Allahabad's EE Department, Prof. Ashish Kumar Singh stressed the need for innovation. underlining the difference between innovation and invention. He said, 'innovation is what actually gives the output of an invention. These outputs can be social, economic, educational or in any other form. During the technical sessions oof both the days, from the CE Department of South Valley University, Egypt Prof.HammamAlshazali, Associate Professor Volgograd State Technical University, Russia Dr. Danilla, Paragin, Associate Professor of CSE Department of Daffodil University, Dhaka, Bangladesh Mohd. AbdusSattar, Dr. Sanjay Kumar Gupta, Department of Computer Science and Engineering, Bundelkhand University, Jhansi, Dr. Imran Ullah Khan, Department of Electronics and Communication Engineering, Aligarh Muslim University, Aligarh, Dr. Anand, Research Coordinator and Professor, Chandigarh University, Chandigarh. Shukla, Professor Dr. PrashantJohri, School of Computing Science and Engineering, Galgotias University, Greater Noida, Dr. Ajay Narayan Shukla, DIT University, Dehradun, Dr. Sandeep Kumar, Professor of CSE, Andhra Pradesh, Dr. Sanjay Kumar Malik, Professor, School of Information Communication and Technology, GGSIP University, New Delhi, Dr. VibhashYadav, Head, Government Engineering College, Banda, Dr. Pooja, Associate Dean, Sharda University, Uzbekistan, Dr. SushilaDahiya, Associate Professor,University of Petroleum and Energy Studies, Dehradun. The conference had researchers from Russia, United Kingdom, Romania, Bahrain, Bangladesh, Hungary and Saudi Arabia, including India,.At the end, Dr. Gulistan Khan expressed her gratitude to all the members of FoECS including all the guests who attended the conference for the successful organization of SMART. The conference ended with the national anthem. On this occasion Prof. RC Tripathi, Dr. Arpit Jain, Dr. ShambhuBhardwaj, Dr. SandeepVerma, Dr. PankajGoswami, Dr. ParagAgarwal, Dr. Vinay Mishra, Dr. Megha Sharma, Mrs. ShikhaGambhir, Mrs. HinaHashmi, Mr. Rupal Gupta, Mr. Pradeep Kumar Gupta, Mr. NavneetVishnoi I, Mr. NavneetVishnoi II, Mrs. Ranjana Sharma, Mr. Abhilash Kumar, Mr. JyotiRanjanLabh, MR. AbhishekSaxena, Mr. Manish Tiwari, Mr. Nikhil Saxena, Mr. R P Singh etc. had a dignified presence.

News Corner

चिराग मिस्टर तो सांभवी बनी मिस फ्रेशर

टीएमयू का कम्प्यूटिंग साइंसेज़ कॉलेज रचेगा स्वर्णिम इतिहास

गणित प्रतियोगिता में प्रेरणा और साकेत अव्वल

मुरादाबाद। टीएमयू में एफओसीएस की ओर से राष्ट्रीय गणित दिवस के उपलक्ष्य में क्विज प्रतियोगिता कराई गई। विवि के 77 विद्यार्थियों ने प्रतिभाग किया। प्रतियोगिता में प्रेरणा सैनी और साकेत चौधरी ने बाजी मारी। तानिया मित्तल और अभय कुमार दूसरे, जबकि ब्रह्मसागर गौड़ तीसरे स्थान पर रहे। पलक टंडन ने रामानुजन की उपलब्धियों को पीपीटी के माध्यम से दिखाया। जतिन, अमन अली ने मौखिक क्विज का आयोजन किया। प्रो. राकेश कुमार द्विवेदी ने गणितज्ञ रामानुजन के व्यक्तित्व व कृतित्व पर विचार रखे। इरविन क्रिश्चियन कॉलेज इलाहाबाद विवि के डॉ. स्वप्निल श्रीवास्तव ने गणित के महत्व पर विचार रखे।

टीएमयू की फ्रेशर्स पार्टी-एस्पेरांज़ा में हुनर का जलवा

टीएमयू के टेक्नोफेस्ट में बीटेक छात्रों का जलवा

टीएमयू में साइबर क्राइम चैलेंजेज पर आज होगी नेशनल सेमिनार

नैनो, जैव और वेब प्रौद्योगिकी सबसे बड़ा धन : डॉ. चौहान

टीएमयू का कम्प्यूटिंग साइंसेज़ कॉलेज रचेगा स्वर्णिम इतिहास

एमसीए के शौर्य मिस्टर तो विभा बनीं मिस फ्रेशर

टीएमयू में साइबर क्राइम चैलेंजेज पर आज होगी नेशनल सेमिनार

एमसीए के शौर्य मिस्टर तो विभा बनीं मिस फ्रेशर

Students Works

Certificates

TEERTHANKER MAHAVEER UNIVERSITY
Moradabad
A NAAC ACCREDITED PREMIER INSTITUTION

FACULTY OF ENGINEERING

Department of Computer Science & Engineering

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. Fundamental:-To prepare the graduates for career and proficiency in Computer Science and Engineering.
2. Industry Ready:-To imbibe technical and aptitude skills related to Computer Science and Engineering to offer best solution to industrial and societal problems.
3. Continuous Learning:- To prepare graduates for pursuing higher education and life-long learning.
4. Entrepreneurship Skills:- To imbibe entrepreneurial, leadership, effective communication and business skills through innovation, incubation and start-up activities.
5. Social Responsibilities and Ecological impact:- To develop awareness among the students about the various social responsibilities related to engineering ethics, human values and ecological awareness.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

1. Fundamental:-To prepare the graduates for career and proficiency in Computer Science and Engineering.
2. Industry Ready:-To imbibe technical and aptitude skills related to Computer Science and Engineering to offer best solution to industrial and societal problems.
3. Continuous Learning:- To prepare graduates for pursuing higher education and life-long learning.
4. Entrepreneurship Skills:- To imbibe entrepreneurial, leadership, effective communication and business skills through innovation, incubation and start-up activities.
5. Social Responsibilities and Ecological impact:- To develop awareness among the students about the various social responsibilities related to engineering ethics, human values and ecological awareness.