

# Teerthanker Mahaveer University

Moradabad, Uttar Pradesh

Faculty of Engineering

College of Computing Sciences and IT



**7** Volume  
th Issue 4



## CONTENT

*Messages*

*FDP*

*Fresher Party*

*College Workshop*

*College Activities*

**1st April to 30th June 2022**

# Computing Vision

**A Student Magazine**

**FoE & CCSIT Idea Factory**

**A Voice of an effort...**



## 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



## Messages



Shri Suresh Jain

**Shri Suresh Jain, Hon'ble Chancellor, TMU**  
Warm Greetings to each of you!!

I am glad to pen for this wonderful magazine. Faculty of Engineering and college of computing sciences & Information Technology of Teerthanker Mahaveer University Moradabad is spreading its wings-like branches, like an evergreen tree and it's heartening to read all about in the magazine which is now being published.

Over the years, TMU has provided the students with opportunities to explore and grow through situation that challenge them to identify their strength and reinforce them .

The words of the greatest scientist 'Albert Einstein' said

"I don't teach my children,  
I create condition for

them to learn " ..

The Pandemic which took us by surprise has opened up new avenues and created new environment and conditions for learning. However I am proud that our teachers and professors have left no stone unturned to ensure that the students do not loose out on quality education even it has gone online..This condition has only helped the students to think out of the box and be more creative.

I congratulate the Principal, staff, students and faculty members for their strong sense of commitment to service and responsibility that has transformed FOE & CCSIT into a wonderful temple of learning today.

Keep the good work going on!

My best wishes always.

Thank you!!!!



Shri Manish Jain

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

I am very glad to know that FOE & CCSIT-Teerthanker Mahaveer University, Moradabad, use going to publish the next issue of its quarterly magazine "Computing Vision".

It gives a feeling of immense gratification to see that FOE & CCSIT have been striving hard and contributing these best to create a better environment to keep us ready, globally competitive and acceptable . I am glad to pen for this wonderful magazine as an appreciation of the commendable efforts put forth by the team for its grand efforts. This magazine has added value to their constant efforts. It also nurtures the budding ideas of innovation and creation to bloom in their full exuberance.

I extend my whole hearted support to all the members of FOE & CCSIT for making their efforts through the revelation of various facades of cultural, literary, sports, social and club activities. I am sure that the magazine would achieve its objectives of bringing about holistic development of students going to shoulder the responsibility of their society and nation. I wish them "All the very Best" for their future endeavors and hope the students of FOE & CCSIT will bring more laurels to the college on the whole.

### Shri Akshat Jain esteemed member, TMU

While educating the minds of our youth, we must not forget to educate their heart” – Dalai Lama

Success comes to those who work hard and stays with those who don't rest on past laurels. Faculty of Engineering and College of Computing Sciences & Information Technology, since the year of the establishment strive to empower the students and empower them to be financially independent, socially conscious, morally upright and emotionally balanced. Fostering creativity and stirring innovation are two of the imperative essentials of a successful education, and a college magazine is truly the perfect unification of both since it harnesses the creative energies of the academic fraternity, and distils the essence of their enthused imagination in the most dazzling way possible.



Shri Akshat Jain

Computing Vision, since its inception, has been a platform to unleash the hidden talents and to showcase ingenious abilities, veiled dreams and aspirations for writing. The magazine targets to bring out the latent talent in students by providing them a platform where they can exhibit their passions of writing articles, poems, quizzes and experiences. Bestowing abundant opportunities in engineering education is one of the most ultimate obligations we owe to our students since we are driven by the belief that every student deserves a high quality education. Computing Vision shoulders the responsibility of proffering an intersection of great trial and great opportunity for the students to evaluate their efforts and to analyse their achievements on the ground of research and development. I congratulate the team Computing vision effectually headed by Prof.R.K.Dwivedi, Principal & Director, Faculty of Engineering & College of Computing Sciences& Information Technology for their unwavering efforts that have come to fruition in the form of this magazine. Subsequent to numerous achievements of the institute this is yet another mile stone in their curricular and co-curricular activities. I wish it all success and anticipate that this tradition that has been set will be carried through by the college for many more years to come.

Heartiest Congratulations on the glorious journey of 7 years of the magazine.

Enjoy the Gems of Computing Vision! Happy Reading!

### Prof. Raghuvir Singh, Hon'ble Vice Chancellor, TMU



Prof. Raghuvir Singh

Faculty of Engineering & College of Computing Sciences & Information Technology, since the year of its establishment, kindle the imagination of learners since the colleges strongly advocate that the mind is not a vessel to be filled, but a fire to be kindled. As in the era of globalization, quality education and stellar accomplishments expand the frontiers of knowledge and scholarship with every single day. Having realized that there is no single yardstick of quality, FoE& CCSIT endeavour unceasingly for sustenance and enhancement of quality in every field of its activity. Life is a journey. We learn and experience something new every day. Aforesaid do not only impart in-depth knowledge of a particular subject but at the same time also ensure competent and constant growth of the students. FoE& CCSIT earnestly attempt for upholding academic integrity, accountability, sustaining open and transparent systems, and being sensitive to social responsibilities and this is becoming possible only through a collaborative, shared, and consultative work culture. I congratulate Prof.R.K.Dwivedi, Director & Principal FoE& CCSIT and his team who are leaving no stone unturned in achieving academic excellence. The colleges work diligently to apprehend the mission of providing the best learning, teaching and research opportunities to students and academicians alike, it linger to bestow students with the basics of modern knowledge and high values. Teamwork

is the hallmark of FoE&CCSIT. I appreciate the efforts put in by our wonderful team of students, teachers and the unstinting support of Prof.Dwivedi for celebrating the glorious seven years of Computing Vision. The magazine has always been an admirable forum for bringing into light the various activities carried out at the colleges. Since 2015, the magazine has a glorious journey of serving to the academic fraternity to its credit.

Best wishes to Team Computing Vision for their endeavour of bringing out the issues of magazine on time. Certainly, this creative endeavour has been introducing an array of artistic and scientific expressions. Undoubtedly it is praise worthy that the team is really working so laboriously to bring out each issue of the magazine on time without any fail.

Kudos!

### Prof. R.K Dwivedi Principal & Director , FOE & CCSIT, TMU

“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.”

We are an institution with difference! We value individualism, creativity and innovation and strive to nurture them in the students.

As we stand on the threshold of a new academic session, I, on behalf of Faculty of Engineering & College of Computing Sciences and Information Technology, extend a very warm welcome to all my students, especially the ones who have joined us in this session. Each new academic year is a new height scaled another dream realized and new targets set for the future. Each member of this institution is devoted to turn dreams and aspirations into reality through sincerity and perseverance.

We believe in giving our students strong values along with a set of wings which may carry them far and wide. Besides rigorous scholastic programmes, we seek to develop and nurture the difference facets of a student. From Academics to Industrial Visits, Conferences, Seminars, Workshops Excursions, Dance, Theatre, Music, and a variety of sports, we put emphasize on holistic development of the students.

It is heart-warming that CCSIT and FoE could complete the last academic session successfully with zero academic loss. The college designed and delivered interactive lectures in the way that added a significant value to each and every student, wherein the chosen pedagogies resultant into enhancement of creativity and innovation and teaching-learning practices of high standards. All the mandatory efforts were put into place to improve problem solving abilities of the students to empower them to render their contribution to the society and the country. All the activities are it lectures, placements, exams, conduction of FDPs, seminars and conferences were accomplished successfully like any other year.

This year we are celebrating Azadi ka Amrit Mahotsav, to commemorate progressive India's 75th year of independence, as well as the wonderful history of its people, culture, and achievements. Today's India is an

empowered, enlightened and enterprising nation. We wish to make it even more powerful with conscientious, smart and confident future leaders who would make us proud of their multifaceted growth.

Our continued commitment to fostering resilience, perseverance, grit, empathy, and the ability to communicate effectively in diverse learning partnerships undoubtedly help our students thrive academically, socially, and emotionally. We will continue to work diligently through collaboration to discuss teaching strategies to meet the needs of our students.

I feel immense pleasure to bring forth that Computing Vision, quarterly magazine highlighting the various activities has been receiving an overwhelming response from every corner of the university. Computing Vision has always been an admirable forum for bringing into light the various activities carried out at the college. Since 2015, the magazine has a glorious journey of serving to the academic fraternity to its credit.

Heartiest Felicitations to the Team Computing Vision on completing 7 years successfully. Best wishes to Team Computing Vision for their endeavour of bringing out the issues of magazine on time. Certainly, this creative endeavour has been introducing an array of artistic and scientific expressions.

It is my firm belief that the Academic Year 2022-23 will add more laurels to the college and the college will leave footprints of success in all domains.

Welcome the new academic year with new energies and new hope. May the new academic year be filled with good grades and happiness!



Prof. R.K Dwivedi



Like every year, this year also BBA-BM&C iNurture celebrated its Farewell Party as a part of our cultural curriculum. Farewell Party is organized to bid adieu to our final year students and acknowledging their efforts in the entire journey of three years programme. Our Respected Principal Sir Dr. R. K Diwvedi grace the occasion & showered his blessings with his words of wisdom alongwith spreading a message among students to be a True and Honest working Professional. Happy Escape 2022 –The title of the party remarks the feeling of joyful journey and holds the hope of upcoming journey with abundant zeal.

The Farewell Party was organized by the first and second year students for their seniors on April 1st '2022. The party not only solemnized the cultural custom furthermore ceremonialized the bond between the senior and junior students as well. 1st and 2nd year students planned the party with lots of enthusiastic activities and performances. Student Co-ordinator Yugansh Pratap Singh (BBA-2nd yr) hosted the entire party smoothly. The Final year students participated in the talent hunt round, ramp

### Awareness Session on “Cancer Awareness by Quitting Tobacco”

NSS Unit of College of Computing Sciences & IT, Teerthanker Mahaveer University, Moradabad organized an Awareness Session on “Cancer Awareness by Quitting Tobacco” 08th April 2022. Students of various disciplines attended this session with their faculty members Mr. Navneet Vishnoi, Mohd Saleem. Dr. Rajat Shah- Medical Oncology in Max Hospital was the chief guest of this program. Dr Rajat Shah told that Tobacco is one of the most widely abused substances in the world. It is highly addictive. Tobacco is used in our country in many forms such as: Smoking: Cigarette, beedi, chillum, hooka, cigars, chutta and revers chutta Smokeless tobacco: Pan, gutka, khaini, pan masala, snuff, mishri, mawa, toothpaste with tobacco. The Centers for Disease Control and Prevention estimates that tobacco causes 6 million deaths per year. This makes tobacco the leading cause of preventable death. Nico-

tine is the main addictive chemical in tobacco. The list of tobacco related diseases is long and includes heart and blood vessel diseases, bronchitis, asthma, impotence, birth defects and growth retardation in babies, etc. Most of us are aware that smoking causes lung cancer and chewing tobacco causes oral cancer. In this program the children were told about various ways to quit tobacco. Dr. Rajat recommended the use of medication, nicotine replacement therapy, hypnotherapy, cognitive-behavioural therapy, neuro-linguistic programming will help tobacco addicts to quit tobacco.

The objective of this awareness program was to the aware the students about the different disease and harm caused by tobacco. This program also helped for those battling a tobacco addiction through several different treatment options,



## Alumni Talk Series



The Department of Electrical Engineering, Faculty of Engineering, TMU Moradabad organised an online Alumni talk Series on zoom on 13-04-2022 for B.Tech and Diploma students of Electrical Engineering.

The key speakers of the event were alumni, Details are as follows:

1. Akhil Pratap (2012-2015) Working as Sr. Assistant Loco Pilot at Divisional System Training and Development Center, CLI Loco Moradabad Division Northern Railway.
2. Rahul Chaukiyal (2009-2013) Manager Academic Operation KD Campus Pvt Ltd Dehradun. Graduated from TMU in 2013 in Electrical Engineering. A Career Coach, having experience of more than 7 years in education industry (teaching + academic operations)
3. Arun Kumar (2009-2013) SoC Design Engineer at Intel Corporation. Graduated from TMU in 2013, Having more than 8 years of working experience in VLSI front-end verification. Have worked on PCIe, NVMe, 5G/3GPP/LTE standard etc using Universal Verification Methodology (UVM), SystemVerilog test bench at IP/SubSystem/SoC level etc.

The session was started with welcome by Session moderator Dr. Shubendra Pratap Singh to all the alumni. This session was organized by the Event Coordinator Mr. Pradeep Kumar Verma, Assistant Professor and Faculty members of the Department of Electrical Engineering with the aim to develop and maintain long term relationship between college and alumni.

In his introductory speech Prof. R. K. Dwivedi, Respected Principal FoE, discussed the need to organize alumni talk Series. Prof. Dwivedi said that the alumni of the college are the role models for their respective juniors. This type of meetings are very useful for transferring the knowledge through Alumni and social commitment between the college and student. He expressed happiness for overwhelming response from the alumni in a short span of time.

Dr. Garima Goswami, HoD, Department of Electrical Engineering emphasised on that our alumni are the one of the prime stakeholders of the department and there should be a strong bond between alumni and department forever. Dr Goswami also said that college will organise an offline alumni meet for better interaction.

Mr. Akhil Pratap said that if the country wants to be better through the education system. He explained about the various carrier options after graduations in public as well as private sector areas. He also explained the various types of new technologies involved in the development of modern Locomotives. He also suggested that the students should focus on core areas of Electrical Engineering such as Electrical Machines, Power Electronics and Power system during their graduation. Mr Akhil said that hard work and consistency are key of success in life.

Mr. Rahul Chaukiyal, discussed about multiple carrier directions after graduation as he is working as carrier coach in education industry for seven years. He gave more emphasis on preparation strategy of different competitive examinations such as GATE, Engineering services examination and various state and central PSU's examination.

Mr. Arun Kumar, discussed about his struggle for having the job in core companies after graduation. He also suggested some job-oriented training institutes situated in Bangalore to his respective juniors.

At last alumni answered queries raised by their juniors and made session an interactive one. The formal vote of thanks was delivered by Dr. Shubendra Pratap Singh, Assistant Professor.

## Workshop on WFP

**D**escription of Event: Workshop on water footprint was conducted by Ms Neha Bhatnagar to make awareness among the students about water. Water is as an integral part of our life, often we tend to forget its importance and how much we are dependent on water,

Agenda: As depleting resource water need to be conserving in order to sustain our civilization, hence needed to spread awareness about increasing water scarcity and reminding the youth of the nation about the importance of water in day to day life.

**Description of talk:** Mrs Neha Bhatnagar started with a small speech about water and its current state, sliding to multiple slides which showed us the current and future status of water in the country and the world also how scarce the water is going to be in next twenty to 30 years. At the end of her session she conducted a small 10 minute fun event (it was the questionnaire asking various group of students a set of question and writing them on a chart paper) with students to make them more aware about their water needs and its importance.

**Speaker Name:** Mrs. Neha Bhatnagar,

**Organization:** WWF

**India (World wide fund for Nature)**

**Biography of Speaker:** Neha Bhatnagar

**Project Officer at WWF-India**

**Gurugram, Haryana, India working in WWF india from the last 6 years and six months and currently working as a project officer**

**WWF-India**

**8 years 6 months**

**Project Officer**

**Mar 2018 - Present 4 years 2 months**

**New Delhi Area, India**

**Moradabad**

**Nov 2013 - Present 8 years 6 months**

**Assistant Project officers**

**Rivers and water policy WWF- India, Moradabad**



## 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 was 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) was 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 the Students and his/her parents.

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



## Principal Excellence Award 2022, were organized on 28 and 29th April 2022.

In this Award ceremony Academic Excellence award were given to Total 93 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. Total 44 Toppers of Diploma branches were awarded, 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.

## DST- ARIES (Aryabhata Research Institute of Observational Sciences), Nainital



The educational visit as per the curriculum was an exposure trip to a place of R & D importance. This visit was planned for a day.

### Objective

The outcomes of this visit included providing focus for the Physics students of UG and PG to learn and get acquainted with conducting a study visit and to develop the understanding of the scientific environment in the Astronomy & Astrophysics and Atmospheric Sciences at ARIES, Nainital.

### Visit Report

Students gathered at our TMU campus at around 6:00 am (29-04-2022), started from the campus at 06:30 am with their students. We reached our destination DST-ARIES and reported in outreach office, Dr. Virendra Yadav, Scientist-B, Nainital for the other official activities at around 11:35 am. We were guided by Outreach activities members and provided a copy of visit- program for the Astronomy &

Astrophysics and Atmospheric Sciences laboratories to see some live activities like measurements of meteorology parameters and driving of telescope steps.

#### Scientific Activities at ARIES

At around 12 pm, Dr. Virendra Yadav, Scientist-B explained about the ARIES and guided us. He told us that ARIES is one of the leading research Institutes which specializes in observational Astronomy & Astrophysics and Atmospheric Sciences. The main research interests of Astronomy & Astrophysics division are in solar, planetary, stellar, galactic and extra-galactic astronomy including stellar variabilities, X-ray binaries, star clusters, nearby galaxies, quasars, and inherently transient events like supernovae and highly energetic Gamma Ray Bursts. Research focus in Atmospheric Sciences division is mainly in the lower part of the atmosphere and covers the studies on aerosols and trace gases.

Students learned about the following things during the visit through the hand on demonstration and a lecture on Astrophysics and Atmospheric Science:

- 104cm Sampurnanand Telescope
- Atmospheric Science Lab
- A planetarium show

After 5 pm, we got free from ARIES to return TMU, Moradabad by our Bus and reached our campus back by 11:45pm, 29-04-2022.

#### Farewell party organized by Maths students

Farewell party was organized by the students of Faculty of Engineering Teerthakar Mahaveer University. Rakesh Kumar Dwivedi, Director FoE performed with garland and Deep Prajwal on the picture of Mother Sharda, Director R.K. Encouraging the additional students, he said that God has given this power in you people that you can achieve every impossible thing, after that the cultural program was started with a dance by the students, Akash emerged victorious in the musical chair program. After that there was a musical chair program of the faculty in which Shri Ashok Kumar Vijaya was declared. Winner duet dance performance was performed by Prerna and Naman, in which Iqra Saifi and Akash Choudhary emerged victorious. Amazing presentation of solo dance was given by Naman and Gargi, after that the song was presented by Vasu Aggarwal and Ambuj Gupta.

The program was conducted by Tushar Khushi and Saksham. Miss Farewell Krutika Rawat Mr. Farewell Sarthak Goyal Farewell Mr. Charming Naman Joshi and Miss Charming Nisha Pasha.

During the program Dr. Ashendra Kumar Saxena, Dr. Ajay Kumar Upadhyay, Mr. Rahul Vishnoi, Mr. Prashant Kumar, Dr. Shambhu Bhardwaj, Dr. R.K.Jain, Dr. Gulista Khan, Dr. Ajit Kumar, Dr. Abhinav Saxena, Dr. Alok Gehlot, Dr. Kamesh Kumar, Dr. V. Gopal Kumar Gupta, Dr. V. Gopal Kumar Gupta, Dr. Kumar, Shri Mukesh Kumar, Shri Ashok Kumar, Shri Vijender Singh Rawat etc. were present.



#### Samvaad - Alumni Talk Series 30-April-2022

Alumni Talk Series – ‘Samvaad’ was organized in the auditorium of College of Computing Sciences and Information Technology (CCSIT), Teerthakar Mahaveer University, Moradabad. The program was inaugurated by Principal of CCSIT, Prof. Rakesh Kumar Dwivedi, HoD Prof. Ashendra Kumar Saxena, Proctor Dr. Shambhu Bhardwaj, President of College Alumni Association Dr. Priyank Singhal, Vice President of College Alumni Association Mr. Rupal Gupta and all distinguished alumni - Mr. Himanshu Gupta, Mr. Naman Jain, Mr. Naman Gupta, Mr. Zamin Ahmed and Pushpen Singh Choudhary by lighting a lamp in front of the statue of Maa Saraswati. All the students of BTech-CS, BTech-AI/ML/DL, BSc Hons-Computer Science, BCA and MCA participated in this Alumni Talk Series – Samvaad. Mementoes were presented to all the alumni speakers. Anchoring was done by Anshika Bahukhandi and Charu Parikh, the second year students of BSc Hons- Computer Science.

Prof. Rakesh Kumar Dwivedi while describing ‘Samvaad’ as fuel of life said, if you don’t communicate with people then a emptiness comes in your life. Dialogue leads us to the solution. Through dialogue, you can build your career by taking advantage of the experiences of successful alumni. Pro. Dwivedi also introduced the alumni. He motivated the alumni for their hard work and dedication while reviving old memories. Pro. Dwivedi appreciated the efforts of the Alumni Association of CCSIT for conducting regular dialogues. He encouraged all the students to enthusiastically listen to the thoughts of the college alumni and learn from their experiences. He extended his warm wishes to all the alumni for their bright future.

Shri Himanshu Gupta, MCA 2009 passout and currently working as Manager Mobile Solutions at Publicis Sepient, Gurugram shared his experience and explained the Solid Principle of Designing. The SOLID principle, he said, is an abbreviation of the first five object-oriented design-OOD principles propounded by Robert C. Martin—also known as Uncle Bob. Explaining the meaning of SOLID, said, S-Single Responsibility Principle, O- Open-Closed Principle,

L- Liskov Substitution Principle, I- Interface Segregation Principle, D-Dependency Inversion Principle. Said, SOLID principles can help make you a better developer. He also told about the designing pattern followed in the companies. He also said, if you want to achieve big things, you have to be flexible in companies.

Mr. Naman Jain, B.Tech-CS 2018 passout and currently working as Senior Software Engineer at Ecolite Digital, Gurugram said, “Most of the people are focusing on software development but there are many more job options in IT companies”. He suggested several areas of IT companies where students can go for jobs. If you are not good at coding then you can get good job in marketing sector also.

Shri Naman Gupta, BCA 2020 passout and currently working as Assistant System Engineer in TCS, Gurugram said, Motivation gives you start but discipline takes you forward. Don’t give up on what you are learning. He told, had started working on an application related to Covid in the lockdown as no one had any work to do during that time. He also told that the principal sir praised him for his work. Mr. Gupta said, if you are recognized by your things, then you will always move ahead in life.

BCA 2020 passout and currently working as System Administrator at TCS, Mumbai Mr. Zamin Ahmed said, If you want to be part of big company then you should do some certification course. He spoke about one of the emerging technologies which is Data Science. “Exploration is very important which we should focus on,” he said.

Mr. Pushpen Singh Choudhary, a BTech-CS 2018 passout and currently working as a Software Engineer at Persistent Systems, Pune, spoke about his experience at the Smart India Hackathon. He told that the first time his team could not secure any place but the



next time his team won the Smart India Hackathon. It is very important to keep trying continuously for success, he said.

Head of the college Prof. Ashendra Kumar Saxena highlighted the achievements of the college so far. He also spoke about the development of the college in various fields.

Welcoming everyone, Dr. Priyank Singhal, President, College Alumni Association, while highlighting the importance of Alumni Talk Series-Samvaad said, Dialogue is necessary because through this we get an opportunity to learn from our senior alumni about their experiences. Dr. Singhal said, we cannot take all the experience ourselves. Knowing the experience of seniors, we can take the right decision in the direction of career.

At the end of the program, Vice President of College Alumni Association Mr. Rupal Gupta expressed his gratitude to all. All the students including Mr. Vineet Saxena, Mr. Navneet Vishnoi, Mrs. Hina Hashmi, Mrs. Maryam Tahira, Mr. Amit Vishnoi, Mr. Amit Singh, Mr. Harjinder Singh, etc. were present on this occasion.

Prepared by -

Dr. Priyank Singhal  
President  
Alumni Association, CCSIT  
TMU, Moradabad

### Report on the workshop of “Stress Free Teaching and Living” organized by Electronics and Communication Department

Department of Electronics & Communication Engineering, Faculty of Engineering, Teerthakar Mahaveer University, Moradabad organized a Stress Free Teaching and Living Workshop conducted by The Art of Living on 30st April 2022 in LT-2.

Professor Rakesh Kumar Dwivedi, Principal Director of Faculty of Engineering, TMU took a compassionate initiative for Faculty and Staff Members of FoE to achieve Stress free Teaching and Living. He wishes that understanding the importance of breathing techniques, meditation and yoga would eliminate

Teerthakar Mahaveer University, Moradabad  
Faculty of Engineering  
Presents  
**STRESS FREE TEACHING & LIVING WORKSHOP**  
Venue: LT-2, FOE,  
30<sup>th</sup> April, 2022, Saturday  
3:30pm-4:30pm  
Organized by:  
Department of  
Electronics & Communication

By District Coordinator of  
Art of Living  
Sh Rohit Agarwal  
(Life Coach & Mentor)

Prof. (Dr.) M. R. Dwivedi  
(Director & Principal)  
Faculty of Engineering

Dr. Pankaj Goswami  
(HOD EC Department)  
Faculty of Engineering

Dr. Alka Verma  
Programme Coordinator  
Faculty of Engineering

stress in one's life for achieving inner peace which would reflect on teaching attributes of Faculty and staff members. He conveyed his best wishes to Head of the Department Dr Pankaj Kumar Goswami, Event Coordinator Dr Alka Verma, Mr. Rahul Vishnoi and Mr Prashant Kumar.

what are the sources of energy and how to overcome stress by throwing light on the importance of breath. He briefed everybody about Sudarshan Kriya which made everybody aware about its importance. A pranayama and mediation was performed which made all the members feel the importance of breath.

The event was started in LT-2 at 3.30 PM with a welcome speech by Dr. Alka Verma (Programme Coordinator). A brief introduction about key note speaker Mr. Rohit Agarwal (District Coordinator of Art of Living) and His team comprising of Shri Doshant Verma, Ms Ridhima Soni and Ms Mani Mishra (Art of Living Teachers) was done by Dr. Alka Verma. The event started with a motivational talk by Professor Rakesh Kumar Dwivedi, Principal of Faculty of Engineering. The chief Guest and his team members were facilitated with a bouquet by Prof. R.K. Dwivedi, Dr Pankaj Goswami and Dr. Garima Goswami. The workshop started with Mr. Doshant Verma who threw light on what is stress. Later on Mr Rohit Agarwal mentioned

A personal experience was shared by Ms Ridhima Soni who highlighted the importance of Sudarshan Kriya and she motivated everybody to join the three day Happiness Program. The workshop was concluded with a vote of thanks by Dr Pankaj Goswami. The objective of this workshop was to motivate faculty and staff members to eliminate stress from their life by joining the Happiness Programme and to learn the renowned Sudarshan Kriya, so that with hundred percent output, the academic is enhanced in the university with a positive attitude towards Life.

### Poster Presentation

A poster presentation program was organized by the students of Faculty of Engineering of Teerthakar Mahaveer Vishwavidyalaya. The program was organized by Department of Mathematics, in which all the students of B.Sc. and M.Sc. of Mathematics participated. The program was inaugurated by FoE Prof. (Dr.) Rakesh Kumar Dwivedi ji. who encouraged the students and said that we should keep organizing such events to enhance our personality. 21 groups were formed for poster presentation, in which all the

groups performed brilliantly. The theme of the poster presentation was Application of Maths. Thus the first, second and third place students were awarded. First winner B.Sc. (Hons) Maths second year students Krish, Khushi, Chhavi, Isha, Surabhi Second winner B.Sc. (Hons) Maths third year students Sakshi, Nidhi, Nisha, Priyanka Third winner B.Sc. (Hons) Maths first year student Varshika, Itika, Ram, Abhay, etc. Best Design Winner B.Sc (Hons) Maths 3rd year students Akash, Ankit, Aditya, Sushant, Best Con-

tent winner BSc (Hons) Maths 3rd year students Shruti Aditi, Rahila, Vaibhav etc. Dr. Ajit Kumar, Dr. Abhinav Saxena, Dr. Alok Gehlot, Dr. Kamesh Kumar, Dr. Gopal Kumar Gupta, Dr. Vipin Kumar, Mr. Mukesh Kumar, Mr. Ashok Kumar, Mr. Vijender Singh Rawat ji's contribution in making the program a success was commendable. Dr. Ashendra Kumar Saxena, Miss Indu Tripathi and Mr. Prashant Kumar and Dr. Ajay Kumar Upadhyay etc. were in the judging board of poster presentation.



### Razzle Dazzle" FAREWELL PARTY-B.Tech (CSE IBM AI)

On 1st of June 2022, 3rd year students of B. Tech CSE (all branches) organized Razzle/Dazzle, farewell party for final year CSE students. Venue of the event was RidhiSidhibhawan, TMU, Moradabad. Inauguration of the event was done by Honorable Principal of FoECS Dr. R K Dwivedi with lamp lighting and best wishes. Welcome of dignitaries was done by bouquet. Anchors for the program were Shruti Jain and Aditi Jain initially and followed by Sonam Jain and Yashvee Jain. To begin the event girls of B. Tech CSE-AI brought a wonderful dance performance depicting the college life of an engineer. Ramp walk was performed by all the seniors and jury sorted remarkable performers for the second round. Another energetic dance performance was presented by B. Tech CSE girls. Shristi Jain recited a poem about experience in college life. Seniors also showed their enthusiasm with a wonderful dance performance by Vanshika Jain and group. Then second and entertaining round of the event started, in which the selected ones from the first round had to pick a chit which decided whether he/she would sing, dance or act. The competition was really tough, everyone was giving their cent percent. After all this excitement lunch interval was there. Everyone had their belly filled and came back with more excitement. A shayari performance was presented by senior Uday Jain and standup was done by Reidem (3rd year CSE IBM). Results of round 2 were announced and everyone buckled up for final round which was one on one question answer round. Various situation and interesting questions were asked by jury and the students replied them very gracefully and confidently. Boys from B. Tech CSE- AI gave remarkable dance performance and solo performance of senior Itika was one of the best of the day. Finally, the result was compiled and Dr. R K Dwivedi announced the results and awarded the winners. There were different and unique categories of award title, Ritika Jain became Ms. Chilli Sauce and Mihir Jain was Mr. Pepper, Mr. and Ms. Bookworm were Ishu Rastogi and Riya Jain, Himani Jain was entitled with Ms. Fashionable and Mr. Fashion Plate was Vaibhav Jain. Itika Jain and Utkarsh were Student of the year, Srishty Jain privileged with Ms. Evening and Hardik Jain became Mr. Dazzler. Then the moment came that everyone had waited for, Vanshika Jain and Aman Mandok were crowned as Ms. and Mr. Farewell. Event came to closure with Principal prof. R K Dwivedi's blessings and Mr. Rupal Gupta's vote of thanks. Juniors gave the send off to their seniors with DJ night. Events ended in a success and all the efforts made were fruitful.



Faculty of Engineering and College of Computing Sciences & Technology organized an annual cultural fest jointly under the name 'DAZZLE-2022' at university auditorium on 2nd June 2022 at 10.00am. The college witnessed dazzling performances by the dazzling stars (students) of Faculty of Engineering and College of Computing Science & Information Technology.

After reunion of FoE & CCSIT, all students have shown their talents. Performances shown by all stream of students (Science, Engineering & Technology) were commendable. The kind of class shown in program anchoring was excellent. Talent of colleges students made everyone surprised stunned and shocked. The whole environment was mesmerized with the dazzling performances.

The event was started with lamp lightening by the Chief Guests and dignitaries. In the dignitaries, Registrar of TMU, respected Dr Aditya Shama and Principal of FOE & CCSIT, Prof R K Dwivedi made their kind presence. The chief guests who graced the event were:

1. Shri S K Naithan, Principal parker inter college
2. Mr. Rajeev Dhal, Principal Maharaja Agrasen inter colleg
3. Mrs. Jyotika, Vice principal wilsonia school
4. Mrs. Heema, MIT world school
5. Ms. Sangeeta Revis, Principal Wilsonia Girls school
6. Ms Shagun , Faculty in MIT world school (Also an Alumni of FOE, TMU).

The event had competitive and non competitive programs in schedule in various categories i.e. solo singing, Solo dance winner, Group Dance winners, Duet Dance winner, Standup Comedy, Qawwali, Fashion Show. All the participants actively participated and performed very well. Following performances were presented in same sequence:

1. Solo dance by Harshita Bajeta-Devotional
2. Group dance -by Nikunj & Group-Urity in Diversity
3. Singing by Bhram sager- solo singing with Guitar- freedom of heart
4. Solo dance by Suchita Jain- Shades of Dance
5. Instrumental Play (Khartaal) by Bhavita jain (non-Competative)
6. Group dance - Nadeem & Group- Zombie
7. Solo dance by Somya Verma- Siya Ram
8. Singing by Piyush Kumar- solo singing with guitar- Retro Love
9. Stand-Up Comedy by Abhinav Jain
10. Duet dance by Shruti & Saumya- Tribute to SSR
11. Singing by Aastha Pandey- solo singing- Tribute to Lata Mangeshkar
12. Solo dance by Apoorvi Vishnoi - Save Earth
13. Duet dance by Udit & Siya- Love Story (Broken Heart)



14. Stand-Up Comedy by Mohd Ubaish
15. Solo dance by Shivam- Dedicated to Govinda
16. Self-Composed Poetry by Sahil Abbas Naqvi (Non-Competitive)
17. Qawwali by Sarvagya & Group
18. Solo dance by Abhinav Jain-Untold story of Man
19. Solo Singing by Manali- Life
20. Shruti Jain & Group- Covid Victory
21. Singing by Vansh-Tribute to Kishore Kumar
22. Solo dance by Kavyansh-Patriotic
23. Solo dance by Harshit Jain- Marks Struggle
24. Akshat Naresh- solo singing with guitar- Friendship
25. Stand-Up Comedy by Apoorv Mittal
26. Duet dance by Nikunj & Ishika- Mother Daughter Love
27. Solo dance by Umang Aggrawal-Gost style
28. Solo dance by Mohd. Nadeem- Drug Addiction
29. Self-Composed Poetry by Amitesh Jha (Non-Competitive)
30. Fashion Show (Famous Animated & Real Couples)

Jury members were Mr Umesh Singh (FoE), Dr Vidhi Goyal (FoE), Mod Saleem (CCSIT), Mr Pradeep Shah (CCSIT), MR Chandan James (iNurture). Winners were declared under the following titles:

- |                      |                                              |
|----------------------|----------------------------------------------|
| Solo singing winner  | - Aastha Pandey - Tribute to Lata Mangeshkar |
| Solo dance winner    | - Suchita - shades of dance                  |
| Group Dance winners  | - Shruti and group - Covid victory           |
| Duet Dance winner    | - Udit and Siya - Broken Heart               |
| Stand up Comedy      | - Apoorv Mittal                              |
| Dazzler of the Event | - Sarvgya and group- Qawwali                 |
| Diva of Fashion Show | - Siya                                       |
| Hunk of Fashion Show | - Piyush.                                    |

Certificates were awarded to all participants and trophies to winners with full enthusiasm. All guests appreciated the event a lot and made their gracious presence whole day. They distributed the certificates and awards to the winners and blessed them.

1st June 2022 has indeed been a big day for Teerthanker Mahaveer University Moradabad as the new research laboratory named “Thin Film and Nanotechnology Laboratory” has been inaugurated by Honorable Vice Chancellor Prof. Raghuvir Singh.

The laboratory has been developed with fund sanctioned by Department of Science and Technology (DST) Government of India under the Device Development Program encouraging the theme of “Atma Nirbhar Bharat”. The fund of around 65 Lacs has been sanctioned jointly to three institutes namely Indian Institute of Technology (IIT) Delhi; Institute of Nano science and Technology (INST) Mohali along with Teerthnaker Mahaveer University (TMU).

Dr. Diptonil Banerjee, Associate Professor, Department

## DST Lab's Inauguration



of Physics, who is TMU collaborator and one of the investigators of the project entitled “Development of Carbon Nanostructures and Related Hybrid Based lithographically fabricated Field emission Electron Gun device as X-Ray Generators for applications in medical imaging and microradiotherapy” expressed his deep confidence about the successful outcome of the project and if so India will be proceeding one more step ahead towards indigenous development of electron gun that may be used in the most sophisticated electron microscopes or X-ray source to be used in different scientific as well as medical equipment.

As per the prescheduled work division mainly the sample synthesis part will be done in the Thin Film and Nanotechnology Laboratory the other parts like surface patterning and device development will be done in the other institutes. Keeping this in mind all the equipment that have been bought from the funding are mainly material synthesis oriented like thermal chemical vapour deposition, spin coater etc.

In the opening ceremony, along with Honourable vice chancellor, TMU Dr. Banerjee was accompanied by Dr. Manjula Jain; Associate Dean, Academics; Prof. Dr. Rakesh Kr. Dwivedi, Director Faculty of Engineering and all the head of the departments, faculties and post graduate final year students. The enthusiasm among the students regarding the inauguration of the laboratory was noticeable.

The formal inauguration was followed by a short discussion session where in his speech Prof. (Dr.) Raghuvir Singh congratulated Dr. Banerjee for his tireless effort in bringing the fund to TMU and subsequent proper utilization of this in laboratory development. He also added that every difficulty has a solution one has to find the way instead of giving excuses of failure. He opened that Dr. Banerjee has shown the first way and University will go upon it and add further feather to its laurel.

Prof. Dwivedi also congratulated to Dr. Banerjee and said how research is necessary in modern higher education system for the individual growth as well as for the growth of the society and system.

In his brief address Dr. Banerjee has said that though the primary goal of the lab is to achieve the objective of the sanctioned project but its activities will not be limited only to this but effort will be made to facilitate each and every students as well as the faculty members of the university and outside in their research as well as different scientific projects.

The discussion was ended with a formal vote of thanks given by Prof. S.P. Pandey, Professor, Department of Physics.

After it gets over during small refreshment every faculties praised the structure of the laboratory and heartily congratulate Dr. Diptonil Banerjee for his success. Students said they will be considered themselves lucky to get associated with lab by any means.



## Razzle Dazzle” FAREWELL PARTY-B.Tech (CSEIBMAI)



On 1st of June 2022, 3rd year students of B. Tech CSE (all branches) organized Razzle/Dazzle, farewell party for final year CSE students. Venue of the event was Ridhi Sidhi Bhawan, TMU, Moradabad. Inauguration of the event was done by Respected Principal of FOECS Dr. R K Dwivedi with lamp lighting and best wishes. Welcome of dignitaries was done by bouquet. Anchors for the program were Shruti Jain and Aditi Jain initially and followed by Sonam Jain and Yashvee Jain. To begin the event girls of B. Tech CSE-AI brought a wonderful dance performance depicting the college life of an Engineer. Ramp walk was performed by all the Seniors and jury sorted remarkable perfumers for the second round. Another energetic dance performance was presented by B. Tech CSE girls. Shristi Jain recited a poem about experience in college life. Seniors also showed their enthusiasm with a wonderful dance performance by Vanshika Jain and group. Then second and entertaining round of the event started, in which the selected ones from the first round had to pick a chit which decides whether he/she would sing, dance or act. The competition was really tough, everyone was giving their cent percent. After all this excitement lunch interval was there. Everyone had their belly filled and came back with more excitement. A shayari performance was presented by senior Uday Jain and standup was done by Reidem (3rd year CSE IBM). Results of round 2 were announced and everyone buckled up for final round which was one on one question answer round. Various situation and interesting questions were asked by jury and the students replied them very gracefully and confidently. Boys from B. Tech CSE- AI gave remarkable dance performance and Solo performance of senior Itika was one of the best of the day. Finally, the result was compiled and Dr. R K Dwivedi announced the results and awarded the winners. There were different and unique categories of award title, Ritika Jain became Ms. Chilli Sauce and Mihir Jain was Mr. Pepper, Mr. and Ms. Bookworm were Ishu Rastogi and Riya Jain, Himani Jain was entitled with Ms. Fashionable and Mr. Fashion Plate was Vaibhav Jain. Itika Jain and Utkarsh were Student of the year, Srishty Jain privileged with Ms. Evening and Hardik Jain became Mr. Dazzler. Then the moment came that everyone had waited for, Vanshika Jain and Aman Mandok were crowned as Ms. and Mr. Farewell. Event came to closure with Principal Dr. R K Dwivedi's blessings and Mr. Rupal Gupta's vote of thanks. Juniors gave the send off to their seniors with DJ Night. Events ends in a success and all the efforts made were fruitful.

Description of Event: Department of Civil Engineering organised one day Technical Session on the occasion of 'World Environment Day' for the awareness of the students of B.Tech Civil IV, III & II year and Diploma Civil Engineering and students of other departments offline mode in LT-5 on Saturday, 4th June 2022 at 11:00 am sharp.

Initiating the program, Coordinator Prof S R Ali welcomed the Keynote Speaker Dr Sudesh Yadav, Associate Professor in Environment Sciences, JNU, New Delhi, our principal Prof (Dr) R K Dwivedi, FOE, and other delegates Prof (Dr) Atul K Piyooosh, KIET, Ghaziabad and Dr Vikas Shrivastava, SHUATS, Prayagraj. Said that this year, World Environment Day 2022 is having a slogan "Only one Earth" and focussed on 'Living Sustainability in Harmony with Nature'.

The event was started with welcome speech of Prof (Dr) R.K. Dwivedi (Principal, FoE, TMU, Moradabad) He welcomed to Key Note Speaker Dr Sudesh Yadav, Associate Professor, Department of Environment Sciences, JNU, New Delhi. He explained the importance of Environment in Earth.

He motivated the students by his speech. He said that World Environment Day is celebrated on 5th June every year since 1973 by United Nations Environment Programme (UNEP) across the globe to mark the importance of nature and the environment. He also added that all of us should fulfill our duty towards the environment properly so that the next generations can also take advantage of the nature.

Then the keynote speaker Dr Sudesh Yadav, Associate Professor, JNU, Delhi, expressed that we can never understand the natural environment without seriousness towards it as it is deteriorating with an alarming rate. He said that the earth is facing a triple planetary emergency: 1) the climate is heating up too quickly for people and nature, 2) habitat loss and 3) pollution continues to poison our air, water and land. Our lifestyles are associated with two thirds of all GHG emissions. To keep global warming below 1.50C this century, we must halve annual greenhouse gas emissions by 2030. Without action, exposure to air pollution beyond safe guidelines will increase by 50 per cent within the decade and plastic waste flowing into aquatic ecosystems will nearly triple by 2040.

He emphasized that we can easily escape of water and food pollution but not air because on an average, we consume 17 kg of air, 2-3 kg of water and 0.5 kg of food every day. Hence Air Pollution is of prime importance to be controlled.

## World Environment Day



On 04 June 2022, B.Sc(Hons) Computer Science successfully organized Farewell Party for the Batch 2019-22 in the presence of Respected Director & Principal of FOECS Professor R K Dwivedi .

The Theme for the event was “ADIOS BASH-2K22”. The program was commenced with welcome of respected Principal sir and the Judges of the event Mohd Saleem(Assistant Professor, CCSIT), Ms. Maryam Tahira(Assistant Professor, CCSIT) and Mr. Himashu(Trainer, CTLD) followed by lamp lighting to seek the blessings of Lord Saraswati. The program included various activities as Ramp Walk, Dance, Singing and Games to make it enjoyable for all. The entire programme was successfully carried by the hosts of the day Ritika katyal, Anjali Tyagi, Mohd Abbas and Khushi Saini.

Winners of various Titles:

1. Ms Evening – Muqaddas Saba
2. Mr. Evening – Abhinav Singh
3. Ms Charming – Garima
4. Mr. Charming – Rajat Singh
5. Performer of the Day – Mahima Yadav
6. Student of the Year – Tabish hayat
7. Ms Farewell – Neetu Sharma
8. Mr. farewell – Sandeep Yadav

## ADIOS BASH” FAREWELL PARTY-B.SC (Hons.)CS



## Fresher Cum Farewell - ‘Code Brigadiers’



Fresher Cum Farewell ‘Code Brigadiers’ was organized on June 18th, 2022 by M.Tech CSE. First year and Second year students in CCSIT .The program was organized in the LT-2. The program was inaugurated by the Director Prof. Rakesh Kumar Dwivedi, Head of the Department Prof. Ashendra Kumar Saxena, Proctor Dr. Shambhu Bhardwaj, Program Coordinator Mrs. Anu Sharma. Director Prof. Rakesh Kumar Dwivedi lit the lamp. The program was hosted by M.Tech First year Student Izna. Director Prof. Rakesh Kumar Dwivedi explained the importance of M.Tech CSE Programme

in the field of Academic as well as in Industry. He also showered his blessings and wished them for their bright future. Programme Coordinator Ms Anu Sharma also wished students for their bright and prosperous future. Various activities were performed by the students in the event.

On this occasion, All Programme Coordinators, Supervisors, Mr. Manish Tiwari, Mr. Ajay Tiwari, Navneet Vishnoi and Students were present.

## Glimpses of Young Chemical Talent , Alumni’s talk series 2022

Report of the day : The Glimpses of young Chemical talents, Alumni talk series was organized successfully on dated 6th May, 2022 at 3.30 pm to 4.30pm This was an enthusiastic program indeed and started at sharp 3.30pm . All the Alumni’s connected on line through zoom link . Approximately 30 students were present. Professor R. K. Dwivedi joined the session and Dr. Asim Ahmad first of all said that the Alumni talk series will bring impetus impact in the society and expressed his happiness for this wonderful talk series. The session started with the worship of Ma Saraswati in virtual mode. Every one participated virtually and session was blessed. Then Dr. Asim Ahmad offered cordial and genial welcome to esteemed and dynamic Principal & Director R.K. Dwivedi . He said that Professor Dwivedi has attained good name in academic world. He also extended warm welcome to colleagues, faculty members, Dr. Gajender Kumar, HoD, Dr. K.A. Gupta, Dr. Varun Kumar Singh , Dr. A.D. Tripathi , Dr. Souvik Surr, Dr. Navneet Kumar and Dr. Chinni. Dr. Asim Ahmad offered whole hearted welcome to alumni’s with round of applause. The session was live and energetic .

SPEAKERS:

Dr. Asim Ahmad motivated Mr . Sajan Tyagi, Ms Vanshika Bhatnagar , Ms Sachin and Ms

Rupika Singh for their punctuality and participation in this program . Firstly Ms Sajan Tyagi expressed his happiness for this type of gathering and told that Teerthanker Mahaveer University is a seat of learning, appreciated the positive efforts of Director and Principal, Professor R. K. Dwivedi, he spoke very positive for the teaching standard and appreciated mostly all faculty members of the department of Chemistry. Ms Vanshika Bhatnagar was invited to throw light on the positive prospects of TMU. She expressed her words very positive for the University, college, Principal and faculty members. She focused on the special care provided by teachers in shaping the future of the students. Similarly Ms Sachin , pursuing M.Sc chemistry NIT, Hamerapur appreciated a lot and said my this achievement at NIT , is only due to my proper guidance and deep knowledge imparted to me during B.Sc (H) Chemistry . Lastly Dr. Asim Ahmad invited Rupika Singh , pursuing MBA from TIMIT , college .she expressed level of academic standard of TMU elevated position in the society and it gives lot of pleasure for every one . She appreciated all the respected teachers, Principal , academic environment, discipline , care , punctuality of practical work and dedication of every one in



teaching and learning process. Dr. Asim Ahmad spoke and expressed his happiness for such amazing information, shared by all Alumni's. After listening all the four Alumni Dr. Asim Ahmad invited Professor R. K. Dwivedi, Director and principal to bless the session. Professor Dwivedi shared his view about this Alumni talk series. He appreciated Mr. Sajan Tyagi, Ms. Vanshika Bhatnagar, Ms. Sachin and Ms. Rupika Singh for their contribution. In fact he focused that targeted number of students was less, even every one enjoyed and spread a positive message in the society.

Vote of thanks: Dr. Asim Ahmad expressed his happiness for the successful program. He said Professor Dwivedi always has been a source of new energy and showed his gratitude for his benign presence. He spoke that department of Chemistry is moving in the right direction and gaining a good name. He expressed his gratitude to all faculty members, colleagues, students and speakers for their presence and support to make this program a grand success.

Written by Dr. Asim Ahmad

## ALUMNI TALK SERIES-DEPARTMENT OF MECHANICAL ENGINEERING



Department of Mechanical Engineering, Faculty of Engineering, Teerthankar Mahaveer University organized an Alumni Talk series on May 07, 2022. First of all, Mr. Arun Gupta, Assistant Professor Mechanical Engineering Department welcomed respected Director Sir, Prof R.K. Dwivedi and all the connected alumni of the department. After that Dr Himanshu Kumar addressed B.Tech and Diploma students to take the positive participation in this alumni talk series and asked them to discuss about the current necessity of market demand with the alumni.

Firstly, Mr. Somkar Singh started his talk, who is currently working as a Commercial Tax officer (PCS), Govt. of Uttar Pradesh in Moradabad from 2018 onwards. He advised his juniors about the various career options available after the completion of B.Tech. Programme and also emphasized them to have better planning and hard-working to achieve their pre-defined goal.

After that Mr. Sudhanshu Kumar, Assistant Manager at Dream Bake Ltd, elaborated the remarkable memories during his

B.Tech life. He motivated his juniors that they also have an option to lead in the management domain after B.Tech.

Then Mr. Shubham Jain, Executive Engineer Projects at Torrent Gas Ltd., addressed his juniors to focus more on their project work and to apply their psychomotor skills for the implementation of project for real life application. He also emphasized his juniors to enjoy their college life too.

In the last, Mr. Faraz Alam, Administrative Coordinator at Paragon Aluminum Ltd., shared his experience of work culture in manufacturing industry. He promised the juniors to help them in industrial visit/summer training and the placement opportunities.

At last Dr Rohit Kumar Gautam extended his vote of thanks to all alumni, student and faculty members. He extended his special thanks to Prof Rakesh Dwivedi sir who encouraged us to organize such type of motivation events.

## Offline Alumni Talk Series

Alumni talk series was organized by Department of Mathematics in Faculty of Engineering and Teerthakar Mahaveer University on 07.05.2022. The program was inaugurated by Dr. H.O.J. It was done by lighting the lamp in front of the statue of Maa Saraswati in the presence of Shri Ashok Kumar and all the Faculty of Mathematics Department. Udit Gupta danced on Ganesh Vandana. All the students of B.Sc (Hons) Mathematics and M.Sc Mathematics participated in this alumni meet. With this, 46 alumni till 2014-21 took the blessings of Maa Saraswati and refreshed their old memories in the program.

First of all, Tuba Noor, a passout student of B.Sc (Hons) Mathematics, thanked Department of Mathematics for calling her in the alumni meet, she told that she has got admission in Masters Mathematics at Jamia Millia Islamia, Delhi. Sharing her TMU's experience, She told that three years of B.Sc is a very sensitive year for further studies, for her success, She prepared three years of B.Sc by dividing them in a special order.

In this sequence, Krishna Kumar, a passout student of B.Sc (Hons) Mathematics batch 2015-18, who is currently posted as Technical Associate in Railway, Visakhapatnam, shared that he was a very ordinary student in his three-year B.Sc journey but in the final year. He recognized the value of time and started preparing. Despite initial failures, he kept on trying and succeeded. He told how to manage the pressure of preparation and exam as well as he told that at the time of preparation, give time to yourself to be successful, be patient and keep learning with this mantra, he encouraged all the students.

Shared his struggles and efforts to the junior students. In three years, told about the participation of subjects like Maths Operations Research, Statistics in these competitive exams.

In this sequence, Ishika Saini, a student of MSc Mathematics Final Year Batch 2020-22, who has been selected as PO in Pratham Bank and State Bank of India, told that the most use for Logical Reasoning, Numerical Reasoning through Mathematics for competitive examinations. Used to be done.

At the end of the program, Dr. Vipin Kumar expressed his gratitude to all the alumni present students and all the faculty present in the program.

Principal Prof. Rakesh Kumar Dwivedi Dr. Ajit Kumar HoD Alumni Meet Coordinator Mr. Ashok Kumar Faculty of Mathematics Department Dr. Vipin Kumar, Dr. Abhinav Saxena, Dr. Alok Gehlot, Dr. Kamesh Kumar, Dr. Gopal Kumar Gupta, Mr. Vijender Rawat, Mr. Mukesh Kumar all alumni and Expressed gratitude to the students present. The program ended with the national anthem.



## National Technology Day

National Science & technology day was celebrated by FoE & CCSIT Teerthankar Mahaveer University. Entire faculty, staff & students were present there. That great event was inaugurated by Honorable Vice chancellor Prof. Raghveer Singh, Registrar Dr Aditya Sharma, Joint Registrar Dr Jyoti Puri & Director FoE & CCSIT Dr R. K Dwivedi. The Program was hosted by Ms InduTripathi.

Prof R K Dwivedi said that Celebration of National Science & Technology Day is very important in the way that it promotes the institution of science and its implementation in our daily lives. It also encourages the people, scientists, writers, etc. who are doing the commendable job of promoting and researching science.

It provides a platform for the scientific fraternity to interact with the people as well as the government and inform them about the usefulness of science and possible expansion of its growth. Science presents limitless possibilities of growth and makes day to day living more comfortable and convenient.

Dr Dwivedi said that P.M Atal Bihari Vajpayee declared National Technology Day to be celebrated on the 11th day of May. This particular date was selected to commemorate India's first successful nuclear test at Pokhran in 1998. Since then, every year from 1999 onwards, National Technology Day is being celebrated across the whole country on the 11th day of May. The Pokhran-II tests were a series of five nuclear bomb test explosions conducted by India at the Indian Army's Pokhran Test Range in May 1998. The tests achieved their main objective of giving India the capability to build fission and thermonuclear weapons with yields up to 200 kilotons.

Dr Aditya Sharma -The celebration of National Technology Day is not only about nuclear testing, rather a way to recognize and spread awareness among the youth about the importance of Science and Technology in our everyday life and its impact. The day celebrates the effort of all the engineers, the scientists, the soldiers, and their sacrifices, and the hardship. The 11th day of May is a proudfest day for the entire nation.

The modern technology is improving day by day, making it much better with every new technique. These technologies are created, keeping in mind their usefulness for people. In response, people get

attracted to them and bring them in use for their daily works. Whether a mobile phone or a laptop, a camera or television, a small car or a big train or aeroplane and many more, they are serving human beings and other living beings to a great extent. Prof Raghveer Singh opined The advancement in technology has made our lives easier, comfortable and enjoyable. It has reduced the effort and time required to complete a task, thus enhancing the quality and efficiency of work. Technology has become a part of our life and benefited us in many ways. Today, We can communicate with people living in any city or country. Communication has become much faster and easier as we are just a click away from people. In education, technology has played a vital role, especially during the COVID-19 breakdown period. It has brought virtual and online classes for students and teachers across the globe to share knowledge, ideas and resources online. Moreover, technology has made it easier for students to understand complex concepts with the help of virtualisation, graphics, 3D animation and diagrams.

Technology is considered to be the driving force behind improvements in the medical and healthcare field. Modern machines have helped doctors to perform operations successfully. Due to technology, the lifespan of the common person has increased. There are many more sectors, such as banking, automation, automobile, and various industries, where technology is making significant changes and helping us.

Many events like Project Presentation, Poster Presentation, Power Point Presentation, Technical Blog Writing, Coding Contest, and Technical Quiz organized.

Technical Blog Writing (winner)

1. RitikaKatyal B.Sc CS II Year
2. Neeshu B.Sc Chemistry III Year
3. AnjaliTyagi BSc CS III Year

Coordinator – Ms RohillaNaaz, MrVivek Kumar, Ms InduTripathi

Power Point Presentation

1. Akshansh Jain Btech CS III year
2. Itika Jain Btech CS IV year
3. Abhishek Kumar BCA III year, Mo Haris Khan Btech CE Final Year

Coding Contest

1. Atishayjain BTECH CSE 3rd yr
2. Itika Jain BTECH CSE 4th yr
3. Harsh Jain, Udit Gupta BTECH CSE 2nd yr



### Project Presentation

Software category

1. UtkarshParmar, IshuBTECH CSE Final yr
2. SiddarthBTECH CSE Final yr
3. AporvaMittal, SunidhiRastogi BSc CSE Animation

Coding contest

1. Atishay Jain btech cs 3rd year
2. Itika Jain btech cs 4th year
3. Harsh Jain, Udit Gupta 2nd year btech cs

Project modal presentation

Hardware category

1. Mayank Raj and Mohd. Tauheed
2. Ajay yadav, Rahul, Aditya Raj, Shailesh, majid
3. Shoub Alam, Neha Pathak

Poster presentation

1. BSC math 2nd year

Khushi chahal

Tisha johri

Chavi rani

2. Btech cs ai 1st year

Manjari shankhdar

Pourish Gupta

Shagun yadav

3. Btech Civil 4th year

Mohd haris Khan

Sachin Jain

Neha Singh Patel

Entire program organized by Dr Pankaj Goswami, Dr Gulishta Khan & MrRupal Gupta. Discipline Committee members played vital role during events. These were RahulVishnoi, Himanshu Sharma, Dr Shambhu Bharadwaj, Mr Sb Rastogi, Mr VS Rawat, Dr Ajit Kumar, Dr Vipin Singh, Mr Prashant Kumar, Dr Ashendra Saxena, etc.

## Workshop on “Basic Research Needs For Science, Engineering & Technology”

A five days workshop on “Basic Research Needs For Science, Engineering & Technology” was jointly organized by College of Computing Sciences & Information Technology and Faculty of Engineering, TMU during 23-27 May, 2022. Dr. Parag Agarwal, Dr. Navneet Kumar and Mr. Amit Kumar Vishnoi organized this workshop under the banner of College Research Committees of both the colleges. The program was started by the briefing of the program by Dr. Priyank Singhal, Associate professor, CCSIT. Dr. Arpit Jain told the participants about the journal ‘S & T Review- An International Journal of Science & Technology’ published by TMU. Prof. Dwivedi, Dr. Arpit Jain and other members of the editorial board of the journal released the journal.

On day Prof. Rakesh Kumar Dwivedi, Principal and Director, CCSIT & FOE and the Chief Resource Person in the workshop, discussed the idea of need of research, different component of research and TMU policy on research with the participants. He guided the budding researchers to do interdisciplinary research and gave them tips for making research process effective and enjoyable. Dr. Parag Agarwal, the workshop coordinator explained the different key points of TMU Ph.D. ordinance and SOP’s. He discussed the ordinance in light of various steps of research, from entrance exam to award of degree. Dr Pankaj Kumar Goswami, Coordinator Centre of excellence informed that we have collaboration of Teerthanker Mahaveer University with NVIDIA. This collaboration was covered by Business Standard and this MOU was recognized within topmost five Indian collaboration including IITs. NVIDIA centre

of excellence is dedicated to high-class research in the field of AI machine learning and deep learning. Mr. Jyoti Ranjan Labh, elaborated the participants about the basic features of i-MAC lab. He also gave a hand on training of the i-MAC lab to the participants. The participants also visited the Thin film and Nanotechnology lab, established by Dr. Diptonil Banerjee, through the grant of 20 lakh received from Department of Science & Technology. He explained the participants about different instruments and their working purchased through this grant. Day 1 was coordinated by Dr. Priyank Singhal.

On day 2, first session was on research plan proposal delivered by Dr. Alka Verma. She focused on research definition, objective of Research Plan, how to decide effective topic of research plan and relationship of research proposal with research. Second session was on guideline for literature Review delivered by Dr. Shalini Z. Ninoria. She explained various important topics regarding literature Review like journey of research, importance of literature review, finding of research gap etc. She shared some tips for writing effective literature Review. Third session was on Data Analysis taken by Prof. Ashendra Kumar Saxena. He covered many topics regarding Data Analysis part. He explained difference between qualitative and quantitative research, and he briefly explained the concept of primary data and secondary data. A lot of questions were asked by the participants like benefits tool in research, how to write proposal and what key factor concern in mind to write the proposal. Overall session was very informative and participants paid their attention and appreciated his session. The session was coordinated and ended with the Vote of Thanks by Dr. Ranjana Sharma.

On day 3, there were three speakers Dr Rahul Sharma, Prof. Saurabh Shrivastava and Dr. Shambhu Bharadwaj. Dr Rahul Sharma, also had focused on Data analysis. He has explained the use of data in



automation system. Dr Rahul discussed data identification, data collection, data pre-processing, and data analysis and data interpretation. Prof. Saurabh Shrivastava, talked on research paper writing. He explored the research paper writing process in the form of IMRD that is introduction, method, result and discussion and explained the correct sequence of all these major parts. Dr. Shambhu Bhardwaj had focused on E-Resources & Research Facilities available in TMU Library. He nicely explained how we can access Ebscohost and delnet data bases for our research to access the e books and journal in these databases. He also explored the use of National digital library. Day 3 session was coordinated by Dr. Nuparam Chauhan.

On day 4, On Day 4 we had 3 speakers Dr. Gulista Khan, Dr. Shubhendra Pratap and Dr. Pankaj Goswami. Dr. Gulista Khan focused on Plagiarism Challenges & its Solution. She told research scholar about plagiarism, its types and different ways to avoid plagiarism in research work using citing the work, paraphrasing and quotation method. Dr. Shubhendra Pratap Singh focused on Intellectual Property Right, its type and organizational structure of IPR Sir also explained the process of patents, Industrial design, Trademarks, copy rights and geographical indication. Dr. Pankaj Goswami defined the terms Citations & Research Indexing. He discussed Current major citation indexing on SCI, SCIE, ESCI and Scopus indexed journals. He also explains the H index and i10 Index and journal impact factor. Day 4 session was coordinated by Prof S P Pandey.

On day 5, we had two speakers Prof. Surjeet Dalal and Dr. Diptonil Banerjee.

Prof. Surjeet Dalal focused on process of Thesis Writing. He nicely discussed the content of thesis, planning of thesis. He also explained the thesis division and Self Plagiarism. Dr. Diptonil Banerjee focussed on Art of Proposal Writing for a Research Grant. He discussed the layout for research proposal. Dr. Banerjee also explained the different types of grant like fellow ship based grant, major project grant, institute promotional grants. Day 5 session was coordinated by Dr Gopal Gupta. At last, there was session for alumni connect. Dr. Priyank Singhal, Dr. Arpit Jain and Dr. Mukta Sharma shared their Ph.D. experiences in TMU They had given the tips for PhD work what the research scholar have to do and what have not to do.

After the session, the resource persons were facilitated with the certificates of appreciation for contributing in the workshop. At the end of the

program, event coordinator Mr. Amit Kumar Vishnoi expressed his gratitude to all. On this occasion, Dr. Vinay Kumar Mishra, Dr. Garima Goswami, Faculty Research Scholars- Mr. Harjinder Singh, Mr. Amit Singh, Shri RP Pandey, Shri Navneet Vishnoi, Shri Ajay Chakraborty, Shri Ashish Vishnoi, Shri Vineet Saxena, Mr. Pradeep Kumar Verma, Mr. Rahul Vishnoi, Research Fellow- Ms. Khyati, Ms. Vratika etc. were present.

Day-1, (23 May, 2022)

- Saraswati Vandana
- Welcome Address & briefing of program by Dr. Priyank Singhal
- Release of the Journal “S & T Review –A Science & Technology Journal”
- The useful research trends and framework was discussed which consists of Basic research needs by Prof. Rakesh Kumar Dwivedi
- TMU Ph.D. Ordinance and SOP by Dr. Parag Agarwal and Dr. Navneet Kumar
- An Overview of Apple OS and it’s Usability by Mr. Jyoti Ranjan Labh
- Exploration of Apple i-MAC lab by Mr. Jyoti Ranjan Labh
- Exploration of NVIDIA –Centre of Excellence by Dr. Pankaj Goswami
- Exploration of Thin Film and Nanotechnology lab by Dr. Diptonil Banerjee
- Exploration of IBM lab by Mr. Kuldeep Gupta (IBM Faculty)
- Session Coordinator by Dr. Priyank Singhal

Day-2, (24 May, 2022)

- Research Plan Proposal by Dr. Alka Verma
- Guidelines for Literature Review by Dr. Shalini Z. Ninoria
- Data Analysis by Prof. Ashendra Kumar Saxena
- Session Coordinator by Dr. Ranjana Sharma

Day-3, (24 May, 2022)

- Data Analysis by Dr. Rahul Sharma
- Research Paper Writing by Prof Saurabh Shrivastava
- E-Resources & Research Facilities available in TMU Library by Dr. Shambhu Bharadwaj
- Visit of Research Facilities in TMU Library by Dr. Shambhu Bharadwaj
- Session Coordinator by Dr. Nuparam

Day-4, (24 May, 2022)

- Plagiarism: Challenges & Solution by Dr. Gulista Khan
- Intellectual Property Right by Dr. Shubhendra Pratap Singh
- Citations & Research Indexing by Dr. Pan-kaj Goswami
- Session Coordinator by Dr. Gopal Gupta

Day-5, (24 May, 2022)

- Thesis Writing by Prof. Surjeet Dalal
- Art of Proposal Writing for a Research Grant by Dr. Diptonil Banarjee
- Session Coordinator by Prof. S. P. Pandey
- Ph.D. Alumni Connect by Dr. Navneet Kumar and Dr. Parag Agarwal
- Certificate distribution by Prof. Rakesh Kumar Dwivedi
- Valedictory Session by Mr. Amit Kumar Vishnoi

Outcome of the workshop

The primary purpose of the workshop was to bring together a wide variety of participants, including educational researchers and science educators (community college and university levels), scientists to discuss and better understand the impact of Basic Research Needs for Science, Engineering & Technology. In particular, we expected to achieve the workshop goals.

We intend to use the findings of the workshop to plan for further work by the organizers, the participants, and other interested educators.

A journey through challenges. Hoping great in accomplishment. Excellent effort applied by College

Research Committee of FoE & CCSIT. Faculty of Engineering and Computing Sciences, Teerthakar Mahaveer University (TMU) Moradabad for organizing this 5 days useful workshop on “Basic Research Needs for Science, Engineering & Technology”.

Research scholar’s feedback was pretty good.

Acknowledgments

We would like to express our appreciation to the institutions that cosponsored this workshop. We extended special thanks to Prof. Rakesh Kumar Dwivedi for providing a facility well suited for the working sessions. Finally, we especially thank the speakers at our workshop and the workshop participants for their enthusiastic participation and generous sharing of their time and ideas.

Participants:

Participated: Research scholars and Faculty members (151 numbers)

Faculty Associated: Dr. Navneet Kumar, Dr. Parag Agarwal and Mr. Amit Kumar Vishnoi



## Guest Lecture

A guest lecture was organized by Mathematics of Department Faculty of Engineering and Teerthakar Mahaveer University, the hence theme was ‘Convergence of sequences and series of functions’. This lecture was organized in Lt.2.

In this sequence, Dr. Alok invited Dr. Ajit Kumar to provide bouquets to Dr. Rakesh Kumar. and invited Dr. Abhinav Saxena to hand over the bouquets to Prof. Rakesh Kumar Dwivedi, Principal FoE.

In this sequence, Prof. Rakesh Kumar Dwivedi was invited by Dr. Alok for the speech. Prof. Rakesh Kumar Dwivedi first thanked Dr. Rakesh Kumar, Principal, RSM Degree College, Dhampur and he threw light on the topic of the guest lecture, Convergence of Sequence and Series of Functions, that use of convergence in economics in real life. Machine learning is done in programming, artificial intelligence, etc. Convergence is very useful in our planning to be successful in future. In this sequence, Dwivedi Sir said that Mathematics department keeps on doing such programs, so that students keep getting new ideas.

In this sequence, Dwivedi sir said that our students get good marks without any extra tuition, for this he gave his credit to the faculty of Mathematics department.

In this sequence, Dr. Alok invited guest Dr. Rakesh Kumar from Dhampur for his lecture. Dr. Rakesh Kumar delivered a two-hour lecture on Convergence of Sequence and Series of Functions. In this lecture, he presented sets, functions, sequences and series with the help of basic examples. This made it easy for the students to understand these topics. He explained by relating it to the daily life of algebra. And told that mathematics is the queen of all subjects. And algebra is his master’s.

In this lecture Dr. Rakesh Kumar Dwivedi, Principal FoE Dr. Ajit Kumar, Dr. Vipin Kumar, Dr. Abhinav Saxena, Mr. Ashok Kumar, Mr. Vijender Singh Rawat, Dr. Kamesh Kumar, Dr. Gopal Kumar Gupta, Dr. Mukesh Kumar, Dr. Gajendra Singh, Dr. Pawan Kumar and all the students of B.Sc. Honors Mathematics and M.Sc. Mathematics were present.

In the end, Dr. Alok Gehlot expressed his gratitude to all and asked to conduct such lectures in future.



## Visit Report of Ramganga Dam, Kalagarh(Uttarakhand)

A one day Field visit to the Ramganga Dam, Kalagarh was organized by the Department of Civil Engineering, faculty of engineering TMU Moradabad for diploma students, on 24th May 2022. The Field visit covered knowledge on theory and field exposure for the subjects Irrigation Engineering, Hydropower Engineering, Hydrology.

The Different parts of Dam and their functions were explained by Executive Engineer as well as Assistant Engineer to the students. They were explained the Dam is part of Ramganga Multipurpose Project- an Irrigation and Hydroelectric project. It support a 198 MW power station and provides water for the irrigation of more than 57500 hectare (more than 142,086 acre) of agricultural land, it also provide flood control. Construction of Dam began in 1961 and it was completed in 1974. The Francis turbine use for electricity generation.

They explain the height of Dam is a 128 m and 630 meter long Earth and rock-fill embankment dam with 10,000,000 m<sup>3</sup> of fill. The Dam's spillway is controlled by five gate and has maximum discharge of 8467 m<sup>3</sup>/s. To support the reservoir elevation, there is 72 meter tall saddle dam on the reservoir area 2.5 km to the northeast on the Chui Sot River. The reservoir created by both dam has a 2247x106 m<sup>3</sup>. The surface of reservoir is 79.31 km<sup>2</sup> and a catchment area of 3134 km<sup>2</sup>. The power station at toe of dam contain three 66 MW Francis turbine generators and design hydraulic head is 84.4 m. On downstream of dam is a over 6300 km of canal supported by three barrage and 82 km of main feeder canal



## Report on Alumni Talk Series Date: 25th May 2022

Department of Civil Engineering, Faculty of Engineering, TMU Moradabad organised an online Alumni Talk Series on zoom on 25-05-2022 for B.Tech and Diploma students of Civil Engineering.

The key speakers of the event were our alumni, details are as follows:

1. Mr. Saurabh Jain (2014-2018), Manager at Testbook Edu Solutions Pvt. Ltd., Mumbai (Testbook.com)
2. Mr. Nitin Joshi (2008-2012), Regional Service Manager at Ultratech Cement – M.P. Region
3. Mr. Aqueel Abbas (2009-2013), QA Engineer at Al Mutawa Holding Company, Saudi Arabia
4. Mohd. Mahir (2013-2017), Owner at Mahir and Bros., Moradabad
5. Mr. Mayank Jain (2010-2014), Owner at Ceekay Associates Pvt. Ltd., Rampur
6. Mr. Anmol Jain (2013-2017), Country Head Realtime Biometric Ltd., New Delhi

The session was started with welcome by Session moderator Mr. Siddharth Mathur to all the alumni. This session was organized by the Event Coordinator Mr. Siddharth Mathur, Assistant Professor and Faculty members of Department of Civil Engineering with the aim to develop and maintain long term relationship between college and alumni.

In his introductory speech Prof. R. K. Dwivedi, Respected Director FoE, discussed the need to organize alumni talk Series. Prof. Dwivedi said that the alumni of the college are the role models for their respective juniors. This type of meetings are very useful for transferring the knowledge through Alumni and social commitment between the college and student. He expressed happiness for overwhelming response from the alumni in a short span of time.

Prof. R K Jain, HoD, Department of Civil Engineering emphasised that our alumni are the one of the prime stakeholders of the department and there should be a strong bond between alumni and department forever. Prof. Jain emphasised that this year we have started a new program – B.Sc. (Hons) Environment & Sustainability, which has a strong relevance in today's scenario. He also informed that very soon the college will organise an offline alumni meet for better interaction. Mr. Saurabh Jain thanked the college and the department for what he is today. He said that continuous efforts towards your goal will definitely take you there.

He explained about the various career options after graduations in public as well as private sector areas. He also suggested that the students should focus on core areas of Civil Engineering during their graduation and also focus on their communication skills.

Mr. Nitin Joshi said that it was only because of guidance and mentoring of his teachers that he has risen to this level in corporate. He said that hard work and consistency are key of success in life. He emphasised on spending the four years of graduation to gain the most of practical knowledge and experience.

Mr. Aqueel Abbas, discussed about his struggle for having the job in core companies after graduation. He also suggested that the students should know about the softwares being used in your field.

Mohd. Mahir focused on the practical implementation of whatever you have learned during your student life. He said that students need to have an entrepreneurial mindset and strong will power. You need to start from a small level and then grow steadily and consistently.

Mr. Mayank Jain advised to take the studies very seriously. In your career you might face many hurdles which you can sail through easily if you had invested your time wisely during the graduation.

Lastly alumni answered queries raised by their juniors and made session an interactive one. The formal vote of thanks was delivered by Dr. S R Ali, Associate Professor.

Glimpses





## Report on Freshers cum Farewell Programme,

Students from Department of Civil, Electrical, Electronics and Mechanical, Faculty of Engineering, Teerthankar Mahaveer University, Moradabad, have successfully arranged a Freshers cum Farewell programme, on ground floor in engineering block dated 25/05/2022 under the Mentorship of Mr. Amit Kumar, Assistant Professor.

Programme is inaugurated by our respected Director, Prof. Rakesh Dwivedi who took part in Swaraswati Vandana. His words of wisdom and encouragement have motivated students enormously.

Prof. RK Jain, Head of Civil Department wished good luck to the final year students for their future. He also motivated students by sharing his own experience in his life.

Students have demonstrated several activities including Solo and Group Dancing, Ramp-walk, Singing and several other exciting activities.

Participated students have been awarded for their performance, judged by Dr. Himansh Kumar and Dr. Alka Verma. They have also arranged a wonderful lunch session.

Finally, Department awarded students with various title. Gift was given to the students as token of love by the department. Then students have thoroughly enjoyed DJ party.

The whole programme was organized by maintaining discipline with the help of our faculties, mentors and staffs from college. Thus, an environment of enthusiasm was experienced by every student and was memorable event for all the department.



## Principal Excellence Award ceremony organized at CCSIT of Teerthankar Mahaveer University

Highlights:

- Consistency, Commitment and Continuity is the mantra for success: Prof. RK Dwivedi
- There is no lift to success, you have to climb stairs: Shri Navneet Vishnoi
- Students of CCSIT stunned after receiving Principal Excellence Award
- Principal Excellence Award to 118 students from 16 programmes including 69 girl students
- Principal gave citation to the first place students and their parents
- 40 toppers got academic excellence certificate and medal along with citation
- 40 students secured the second place and 38 students secured the third place
- Principal encouraged top 10 college toppers to excel in future



Principal Excellence Award ceremony was organized on 27th May, 2022 in the Lecture Theatre (LT-2) of College of Computing Sciences and Information Technology (CCSIT). The program was inaugurated by the Principal of CCSIT, Prof. Rakesh Kumar Dwivedi and Result Coordinator Shri Navneet Kumar Vishnoi by lighting the lamp in front of the statue of Maa Saraswati.

In this award ceremony, on the basis of the odd semester results for the session 2021-22, following total 16 programs BCA, B.Sc. (Hons)-CS, BSc-Animation, B.Tech.-CSE, B.Tech.-AI-ML-DL, B.Tech.-IBM, B.Tech.-TCS, MCA, M.Tech.-CSE, B.Tech.-DS, B.Tech.-CTIS, B.Tech.-AI, B.Tech.-CTIS, BCA-CTIS, BCA-MAWT and BBA-BM&C were received Principal Excellence Award. This award was given to 118 students from 16 programmes, out of which 69 were girl students. A total of 03 students securing 1st, 2nd and 3rd position in each program were selected for this Excellence Award. A total of 40 students (13 boys & 27 girls) who secured first position were given academic excellence certificate and appreciation letter along with medals and their parents were also given an appreciation letter by the principal.

Academic Excellence Certificates were awarded to 40 students (19 boys & 21 girls) who stood second and 38 students (17 boys & 21 girls) who stood third. College Principal Prof. Rakesh Kumar Dwivedi has announced the top 10 college toppers – Arslana B of BCA third semester, Vaishnavi Gupta of MCA first semester, Ashi Jain of BTech-CSE fifth semester,

Anshika Sharma of MTech-CSE 1st Sem., Dipanshi Jain of MCA 3rd Sem., Nitisha Saxena of BCA-CTIS 1st Sem., Harsh Kumar of B.Sc-Animation 1st Sem., Shreya Gupta of B.Tech-CSE 7th Sem., B.Sc Hons-CS of 3rd Sem. Ritika Katyral and BCA 5th Semester Aarushi Jain and appreciated their excellent performance and encouraged them to do similar performance in future also.

Prof. Rakesh Kumar Dwivedi said, the objective of Principal Excellence Award is to prepare the students to face the challenges of the world in future, provide them the right direction and identify the difference between success and failure Prof. Dwivedi said, students, teachers and parents are at the vertex of tripod and cooperation & coordination between these is very helpful in the all-round development of the students.

He said, "Girls are pioneers in their performance which shows that they are excellent performers in their assigned tasks. Prof. Dwivedi said, this type of result analysis motivates those who perform well. He said, 3 C- Consistency, Commitment and Continuity is the mantra of success. Prof. Dwivedi said, the institute recognizes 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 on the basis of the performance of the students in the previous academic semester and the CPI, which includes a Certificate of Academic Excellence to the student, Medal for securing the highest marks in the class, to the students and their parents. Congratulating all the toppers on their achievement, Prof. Dwivedi motivated the second and third toppers to win the race and secure the first position next time. Appreciating the efforts put in by all the faculty and staff, he congratulated and extended his warm wishes to all the students for their bright future.

Result Coordinator Mr. Navneet Kumar Vishnoi while encouraging all the students to excel, said, there is no lift for success, you have to climb the stairs. Success is not the result of spontaneous combustion. For this you have to warm yourself. He Said, our words may inspire you, excite your thoughts, but it is only the work you do that really brings you closer to your dreams. So do not sit and wait for the opportunities to come, rather get up and get engrossed in your work to achieve the goal.

## Farewell of BSc-Animation – Sayonara(27 may 2022)

Akshat and Dipanshi became Mr and Miss Farewell Farewell of B.Sc-Animation organized in FOECS of Teerthankar Mahaveer University

Farewell of BSc-Animation - Sayonara was organized at Faculty of Engineering and Computing Sciences-FoE&CCSIT, Teerthankar Mahaveer University. Earlier, the Director and Principal of FoECCIS, Prof. RK Dwivedi, Program Coordinator of Animation Shri Jyoti Ranjan Labh inaugurated the Farewell - Sayonara by lighting the lamp in front of the statue of Maa Saraswati. Farewell - Akshat Singh was crowned Mr and Dipanshi Mittal as Miss Farewell in Sayonara while Tarun Tyagi Mr Nauti and Aashi Saini were crowned Miss Gross. Director and Principal, FoECCSIT, Prof. RK Dwivedi said, animation Department is growing with the passage of time. The Animation Department is the beauty of this institute which gives a different identity to the institute. Along with their studies, Animation students are also doing freelance working and internship with their talent. Finally he blessed the final year students for their bright future. The second year was conducted by Sunidhi Rastogi and Khushi Agarwal.

The program started with the song. Nadeem of the second year gave a scintillating performance on the mashup song. The atmosphere music from the mash up song was done by May. Second year Sahil also gave a scintillating rendition of the poetry of his seniors. Second year's Apoorva and final year's Tarun Tyagi stunned everyone with standup comedy. A Saree Wearing Game was also organized during Sayonara, in which girls were dressed in sarees by boys and boys by girls. Which Aashi and Akanksha in the girls, Karan and Shobhit in the boys. In the end, tiles and gifts were also given to all the seniors. Anchoring was done by Varun Singh and Farheen Saheed of First Year. Dr. Shambhu Bharadwaj, AR Mr. Manish Tewari, Mrs. Shikha Gambhir, Mr. Pradeep Kumar Gupta, Mr. Ankur, Mr. Satendra Rathi, Mrs. Inderjeet Jeet etc. were also present in Farewell - Sayonara.



## Prize Distribution Ceremony of Annual Sports Meet “SPARDHAA-2022”

May 6th, 2022 was a big day at College of Computing Sciences & Information Technology (CCSIT), Moradabad. The day marked ‘The Annual Sports Meet “SPARDHAA-2022” Prize Distribution’ and the day began by seeking the blessings of Almighty followed by a welcome address. Prof. R.K. Dwivedi, Principal of the college presided over the function.

More than 500 students from various programmes were participated in various sports- Box Cricket, Football, Basketball, Kabaddi, Badminton, Table Tennis, Chess and Track & fields events. It was a day full of enthusiasm and energy as winning was the spirit of the day for every participant. The wild cheering of the teammates in the stands fuelled up the atmosphere with encouragement and motivation.

On the occasion, Prof. R.K. Dwivedi congratulated the winning teams and encouraged all the students to take part in the games and other co-curricular activities whenever and wherever organised. He said that the difference between winning and losing may be of fraction fraction and those who could not be the winners today should continue to strive for excellence. Trophies, medals and certificates were presented to the winners.

The Annual Sports Meet came to an end by the declaration of the meet close by the Principal.

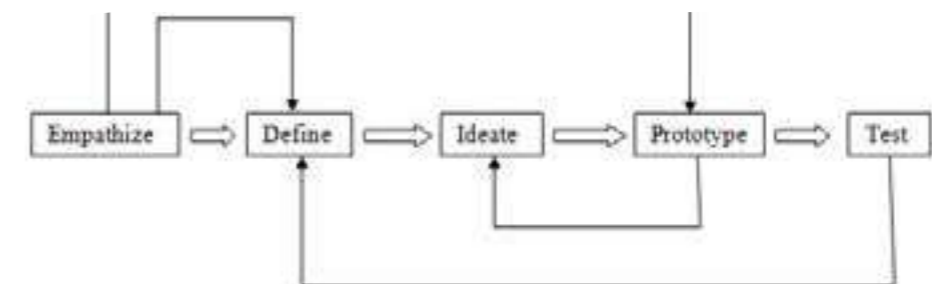
There goes saying that, some people dream of success, while others wakes up and work hard to achieve it.

## Design Thinking: New Innovative Thinking for New Problems

Design thinking is an iterative and non-linear process. This simply means that the design team continuously uses their results to review, question and improve their initial assumptions, understandings and results. Results from the final stage of the initial work process inform our understanding of the problem, help us determine the parameters of the problem, enable us to redefine the problem, and, perhaps most importantly, provide us with new insights so we can see any alternative solutions that might not have been available with our previous level of understanding.

Design thinking is a non-linear, iterative process that consists of 5 phases:

1. Empathize
2. Define
3. Ideate
4. Prototype
5. Test





Shri Navneet Vishnoi

You can carry out the stages in parallel, repeat them and circle back to a previous stage at any point in the process—you don't have to follow them in order. It's a process that digs a bit deeper into problem-solving as you seek to understand your users, challenge assumptions and redefine problems. The design thinking process has both a scientific and artistic side to it, as it asks us to understand and challenge our natural, restrictive patterns of thinking and generate innovative solutions to the problems our users face.

Design thinking is essentially a problem-solving approach that has the intention to improve products. It helps you assess and analyze known aspects of a problem and identify the more ambiguous or peripheral factors that contribute to the conditions of a problem. This contrasts with a more scientific approach where the concrete and known aspects are tested in order to arrive at a solution. The iterative and ideation-oriented nature of design thinking means we constantly question and acquire knowledge throughout the process. This helps us redefine a problem so we can identify alternative strategies and solutions that aren't instantly apparent with our initial level of understanding.

Design thinking is often referred to as outside-the-box thinking, as designers attempt to develop new ways of thinking that do not abide by the dominant or more common problem-solving methods—just like artists do. The design thinking process has become increasingly popular over the last few decades because it was key to the success of many high-profile, global organizations. This outside-the-box thinking is now taught at leading universities across the world and is encouraged at every level of business.

NEWS





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	Poojitha Kaurish MCA Jaro education <b>8.46 Lakh</b>		Shreya Gupta B.Tech (CSE) Wipro <b>7.00 Lakh</b>

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**B.Tech** 2nd Year Lateral Entry (CSE) Data Science (TCS Industry Honour Program)

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**B.Tech** Cloud Technology & Information Security (CTIS)  
**B.Tech** Data Science  
**B.Tech** 2nd Year Lateral Entry (CSE) Data Science, CTIS  
**BCA** Mobile Applications & Web Technologies  
**BCA** Cloud Technology & Information Security

**SCHOLARSHIP**

- FOR JAIN STUDENTS:
  - Exemption upto 100% in Tuition fee for entire duration of the programme.
  - Exemption upto 40% in Hostel fee (rooms with common bath only) for entire duration of the programme.
- FOR SPORTS ASPIRANTS: Exemption upto 100% in Tuition fee for meritorious sports aspirants.
- FOR OTHER STUDENTS: Exemption upto 50% in Tuition fee for meritorious students of entry level only.

**Collaborative Partners**

TMU, PNB A/C # -3942002100004339  
IFSC Code - PUNB0394200

**SUNDAY OPEN**

Education Loan

**ADMISSION OFFICES** NH-24, DELHI ROAD, MORADABAD (U.P.)  
 Email: [admission@tmu.ac.in](mailto:admission@tmu.ac.in) | [9571831171](tel:9571831171) | Admission Helpline : 1800-270-1490