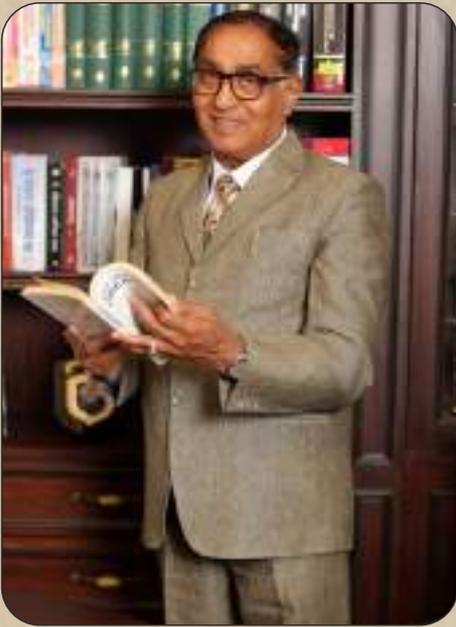TMU

computing
VISION

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Faculty of Engineering & Computing Sciences

Teerthanker Mahaveer University, Moradabad, UP

www.tmu.ac.in

Message From Hon'ble Chancellor, TMU

Shri Suresh Jain
Hon'ble Chancellor
Teerthanker Mahaveer University

"We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet" – *Swami Vivekananda* This spirit should guide our intent and actions in shaping the destiny of the college and the same is being followed by Faculty of Engineering and Computing Sciences, TMUWith these solid foundations in the letter and spirit and the worthy guidance of the visionary Director FoECS, Prof. R K Dwivedi, the latest edition of the magazine 'Computing Vision' has been materialised.

Students who thrive in our programmes are passionate about their subjects. Many are recognised nationally for scholarship, research, and public engagement, and make original and substantial contributions to their disciplines. Our graduates have been become idea-leaders who drive our global future by advancing discoveries, broadening knowledge, fostering entrepreneurship, protecting and sustaining our natural environment, and developing new technologies. Computing Vision is a salute to not only our worthy alumni, students currently pursuing their courses, but also the success backbone in the .

form of Director, faculty members and other staff striving to take the college to new and greater heights we believe that our earnest attempt should be towards upholding academic integrity, accountability, sustaining open and transparent systems, and being sensitive to social responsibilities and this is possible only through a collaborative, shared, and consultative work culture. Building on the strong foundation of the college, let us all strive for cautious, consistent, and catalytic improvement in the overall development, paving way for innovative ideas and thinking. Let us all invoke the blessings of Lord Mahaveer as we march ahead and gear up to myriad managerial, economic, societal, and environmental challenges. Extending my best wishes for the success of the forthcoming issues of the magazine 'Computing Vision'.

Message From Group Vice Chairman , TMU

Shri Manish Jain

GROUP VICE CHAIRMAN,
Teerthanker Mahaveer University

The success of TMU is not sheer luck but a result of clear focus, vision and determination. We had a vision of excelling in the genre of education system and the rankings awarded by various prestigious organisations to our institute are the testimonials to this fact. Our strong foresight helps us to adapt ourselves quite easily to the changing environment, compete with others and make a mark of our own. Each member of TMU has been working diligently and the priority has been to nurture, educate and craft remarkable professionals.

This has been achieved through capacity building in technical and soft skills, in order to make them capable of competing with peers in the corporate. TMU has been facilitating and promoting academics and research in emerging studies and Computer Applications. This mission provides the foundation for translating dreams into reality of visionaries by providing value based quality education for students to all sections of the society and to make higher education an effective instrument for socio economic transformation of the Nation. TMU is dedicated to produce global management executives of the 21st century and it has created niche by providing quality innovative Programmes in an industry oriented professional erudition. We urge to produce competent and competitive mindset to fulfill the aspirations of the students and to blend the work experiences of executives with modernized curriculum in management. TMU not only emphasizes on quality education but also accentuates on inculcating values and skills to become better citizens under the aegis of Corporate Social Responsibility series.

We observe Corporate Social Responsibility with very strong objective to develop our students as a responsible citizens and highly evolved members of society who will be having willingness to give back to society more than they receive. We believe student should be connected with roots and develop the sensitivity to understand the problems and issues related to underprivileged stratum of society.Our alumnus is true example of our intellectual capital. The consistent and stellar placement record of TMU is a result of extraordinary exposure and experience that students get at TMU and the fact that we nurture here not just able managers but future citizens of the world.

Finally, we believe that you would take pride in our institute as we are known for imparting energy, erudition, academic achievements and devotion to duty. Our standards are challenging and we are dedicated to help you meet those standards. We will judge our success as an institution by how well you succeed in realizing your potential as a scholar and in your future professional stint.

Message from Mr. Akshat Jain

Mr. Akshat Jain

Esteemed Member
Board of Governance T M U

We all are proud that Teerthanker Mahaveer University has been changing the lives and lifestyles of thousands of students from different parts of the country and abroad. We can humbly claim to have added professionalism in the lives of students during these years and will continue to do so in the years ahead.

I am happy to know that Faculty of Engineering & Computing Sciences is bringing out the next edition of their college magazine "Computing Vision" in continuity for a long period which is yet another milestone in its curricular and co-curricular activities in addition to the numerous achievements of the institute hope the magazine will bring creative talents to the students of the institutes.

I take this opportunity to congratulate the college team for their efforts for regular publication of magazines and commitment towards value-based quality teaching and unstinted efforts put in to ensure that each student is cared for in the college. On this occasion, I convey my good wishes to the whole team of the college in their endeavours.

Message from Hon'ble Vice Chancellor

Prof Raghuveer Singh

Hon'ble Vice Chancellor
Teerthanker Mahaveer University

Nurturing creativity and inspiring innovation are two of the key elements of a successful education, and a college magazine is the perfect amalgamation of both. Providing ample opportunities in engineering education is one of the most fundamental obligations we owe to our students because in "Teerthanker Mahaveer University" (TMU) we are driven by the belief that every student deserves a high quality education. I am glad to know that Faculty of Engineering and Computing Sciences is bringing out the College Magazine "Computing Vision". The college magazine is a forum which can aptly be used for recording events, fond memories and creative writing. It harnesses the creative energies of the academic community, and distils the essence of their inspired imagination in the most brilliant way possible. I am sure that this edition of magazine will be informative and resourceful. The college has vigorously on giving its budding talents a new path and attitude in order to make them capable of facing the real world challenges. No doubt this creative endeavour will bring out an array of artistic and scientific expressions with distinct individual signatures. I convey my good wishes to the principal, students, faculty and staff of the college in their endeavours. Hope this magazine proves to create dynamic bond between the faculty and student.

Message from Prof. R. K. Dwivedi

Prof. R.K.Dwivedi
Directror & Principal
FoECS, TMU

At the outset, I wish to extend my earnest greetings for a very happy, healthy, peaceful and prosperous New Year to each and every member of Faculty of Engineering & Computing Sciences fraternity including students, faculty, staff and their families. I wish for your well-being and aspire that the coming New Year 2022 will bring more laurels in good spirits to your family and friends.The arrival of the New Year, on one hand, is the most appropriate time to rejoice the endeavours and the achievements of the bygone year and on the other, to actuate the direction in which we want to move ahead for creating a better tomorrow.

The year 2021 was, undoubtedly, an unprecedented year due to COVID-19 pandemic and we, for sure, missed the pleasant physical presence of our dear students in the campus almost 3-4 months of the year. Notwithstanding the testing times, the institute lingered committed to keep the momentum going on all the fronts while adhering to the safety precautions.Our students marked their footprints of success into all sectors including government, private or public to serve the nation in numerous capacities. The competent faculty members along with the State of The Art infrastructure in conjunction with Value Addition and Internship programme evolved them as true technocrats and entrepreneurs with skill and personality to proffer solutions to the challenges prevailing across the globe. The year 2021 recorded a consistent improvement in our institute's ranking. The college has been ranked on National Level by CSR-GHRDC, Data Quest, Digital Learning.. Further more,the college received a 4-Star Performance rating for undertaking various activities prescribed by Ministry of Education's Innovation Cell to promote Innovation and Start-up. FoECS acted as Nodal Centre for Toyacathon. Many events added more glory to the prestige of the college notable among them are National Educational Conclave, Toycathon, 4 weeks WEDP financially,6 weeks TEDP sponsored by DST.

I acknowledge and appreciate the efforts put in by all stakeholders for their continuous support and congratulate them for adding badge of appreciation to the Institute and hope that this will continue in the years to come.

It is my firm conviction that we should not be satisfied and rest on what has been accomplished in the yester years thus far since there are always greater heights to be conquered. As we are ready with open arms to embrace the New Year, I urge my FoECS family to move ahead with determination to converge all our expertise and make the best and utmost use of the power of technologies for the sustainable development of the Institute and Society at large. The year ahead may bring new challenges but I own full confidence that we will continue to shine more in this journey with continued support and unified efforts.

Hope 2022 would see enhanced levels of creations, innovations, and research output coming out from FoECS.

I once again extend my warm greetings to all of you on the advent of the New Year 2022.

Collaborative Business Engagement with NVIDIA

Technology is the future of education and thus key to transformation. NVIDIA and TeerthankerMahaveer University intend to collaboratively work together and take a step forward to embrace this future wholeheartedly.

Nvidia Corporation is an American multinational technology company incorporated in Delaware and based in Santa Clara, California and is in the business of providing graphics processing unit (GPU) based technologies with specific expertise in Artificial Intelligence (AI) and Deep Learning.

Technology has been a boon for the field of education, acting as an agent to enable accessibility and advancement through research and development. Technological aids have made learning interesting and students encouraged.

Shri Suresh Jain, Hon'ble Chancellor, TeerthankerMahaveer University, Moradabad, a multi-faceted educationist and a true philanthropist, strongly advocates for promoting job-oriented higher education and keeps articulating his vision for the future of an educated India. He said that this MoU will be a milestone for the students and faculty members of Teerthanker Mahaveer University, Moradabad to make their valuable position on a Global Platform. He opines, "Today we are on the fringe of a technological revolution that transmogrifies the way we live, work, and co-exist as a society. As an intelligent generation, we own the best minds and technologies at hand to turn over a new leaf of humanity. He further

adds, "This, beyond the shadow of doubt, will set us on the trajectory on the way to make real offerings to the creation of a friction-less society in the years to come. **"Education leads to transformation." says the Chancellor of the university, Shri Suresh Jain.**

Shri Manish Jain Ji, Group Vice Chairman, Teerthanker Mahaveer University, said that we are committed to provide holistic education to our students and the University is continuously collaborating with National & International standards for skill in demand learning tools and mechanisms. He extended warm wishes on aforesaid venture and stated that the university leaves no stone unturned to ensure the quality of academic programmes and excellence of teaching, learning, and research, aimed at raising every student's employability quotient, manifold.

Shri Akshat Jain Ji, the Esteemed member of TMU society, has made extraordinary efforts to get this world-class opportunity at the TMU campus. ShriAkshat Jain has a wide visionary mission to incorporate all advance technical pedagogy and learning tools into the University curriculum. He believes that new-age technology will be the only solution for future growth and challenges. He said that we are ready to provide novel solutions to society with the help of this centre of excellence in the field of Artificial Intelligence and Deep Learning. He congratulated and conveyed best wishes to the TMU fraternity for the effective utilization of this MoU.

"TMU has adopted all this in its functioning and works beyond just building awe-inspiring physical infrastructure by developing a campus culture that treasures skilled learning providing better opportunities, enhancing proficiency and superiority of our students." says **Vice Chancellor TMU, Professor Raghuvir Singh.**

टीएमयू में प्रौद्योगिकी शिक्षा को मिलेगा नया आकाश

"I am confident that these initiatives shall sufficiently groom the students to acquire the required competencies to smoothly sail through their journey of personal and professional life." says **Founder Vice Chancellor TMU, Professor R. K. Mittal.**

Mr DeepuTalla, Vice President and General Manager of Embedded and Edge Computing, NVIDIA, informed that with the help of this MOU, the students, faculty members and beneficiaries of TeerthankerMahaveer University will be trained for AI and deep learning change in every industry across the globe.

Prof. Rakesh Kumar Dwivedi, Director, FoECS, TMU, informed that this centre of excellence has highly advanced features such as NVIDIA Maxwellarchitecture cores, delivering over 1 teraflops of performance, 64-bit CPUs, and 4K video encoder/decoder capabilities, unmatched power efficiency at under 10 watts.

Dr Aditya Sharma, Registrar,TeerthankerMahaveer University, congratulated to entire TMU fraternity for this extraordinary achievement. He said that AI and deep learning knowledge at this CoE would surely enhance the high package job opportunities for the students.

टीएमयू में प्रौद्योगिकी शिक्षा को मिलेगा नया आकाश

IBM Cap Distribution 9 July, 2021

College of Computing Sciences and Information Technology distributed IBM Cap to B.Tech CSE- IBM students and Instructors. During this event, students got highly motivated regarding academics. Prof. Dwivedi interacted with the students and elaborated on the importance of being active, interactive in academics. He stated that the college days are the most crucial days of the life since these are the days that shape the career of a student. This is the time when teaching and learning which are confined into four walls of the class rooms are not enough. Students need to go extra mile to achieve the desired success. College of Computing Science and Information Technology endeavors to transform students into future ready professional. In total, 25 beneficiary students & 50 administrative staff got involved in this distribution process. The cab distribution process was carried out successfully by joint efforts of TMU- IBM. Dr. Rajeev Kumar Programme Coordinator of B.Tech IBM and Associate Prof. CCSIT proposed vote of thanks at the end of the event.

YOUNG CHEMICAL TALENT : ALUMNI TALK SERIES

Alumni of Chemistry Department gathered in virtual mode to motivate and accelerate the students. The program started with Maa Saraswati Vandna, the goddess of wisdom , learning, art and care. On behalf of the department of chemistry, Dr. Asim Ahmad welcomed Prof.R.K. Dwivedi, Director and Principal with motivating words. He added that Prof. Dwivedi is working towards connecting young Minds to strive towards success and achievements. As most of the students were asking the importance of Alumni's meet, Dr. Asim Ahmad told them in nut shell that alumni are the brand Ambassador of the university

Dr. Asim Ahmad invited the Alumni's to share views for the department . Mr. **Ankur Raj** from Western University, Sydney, Australia **Mr. Annirudh Siddarth** NIT , Jaipur, **Mr. Naman Verma** and **Miss Anshu Chauhan** pursuing M.Sc Chemistry from TMU After this Dr. Asim Ahmad invited Chief guest **Professor R. K. Dwivedi** , to bless the Alumini. Professor Dwivedi smartly connected and congratulated every one to have prestigious places like , IIT, Bombay, IIT, Delhi, ONGC etc. He had heartfelt satisfaction and expressed happiness. Dr. Asim Ahmad invited **Miss Manali Sharma** for vote of thanks.

MoU with TCS iON for Industry Honor Programme

The representatives of TCS iON visited TMU campus for signing Memorandum of Understanding (MoU) with Teerthanker Mahaveer University on July 16, 2021.

The key features of the newly introduced programme under MoU are:

1. The syllabus includes 11 new courses of Industry Honor Program (IHP). The syllabus is received and is under revision.
2. The industry experts will teach 11 courses whereas other specialized courses will be taught by TMU.
3. Two internships will be provided in industry. Normally it is one for other courses.
4. The premium placement portal will be available. Normally, it is available for IIT, IIIT and IIM passouts.
5. Industry projects will be provided for hands-on experience.

टीएमयू के छात्रों के लिए खुले जॉब के वैश्विक द्वार

टीएमयू ने टीसीएस से किया करार

टीएमयू के छात्रों के लिए खुले जॉब के वैश्विक द्वार

एमओयू क्लास रूम टीचिंग को करेगा फिर से परिभाषितः सुरेश जैन

Alumni Talk Series: July 17, 2021

Alumni Talk Series were organized by FoECS, Teerthanker Mahaveer University wherein Head CCSIT talked about 20 years of Achievements. **Mr.Priyank Singhal, President, Alumni Association,** elaborated on the importance of this talk.

Shraddha Madan who passed out from TMU in 2006 with MCA said, "the path of success is filled with obstacles, you will find lots of these obstacles along the way but one should never give up, never hesitate. It doesn't matter how many times you fail just practice and keep working towards your goals. This is the fact that you learn from your each failure. Only hard work and determination will help you succeed". The scope of IT field is growing everyday, Madan assured that if you work hard you will surely achieve all of your goals. She invited TMU students in Diosai Solution / Deosai LLC Company for internship in Digital Marketing and Quality Assurance. Miss Madan expressed her views in FoECS's Online Series Talk organised by Mr Harjinder Singh.

Resource Person **Shri Sanjeev Bhatt** stated that, "Respect your culture and nation, then we can achieve our goals. Have believe in yourself and respect for yourself, only then one can achieve goals. If you do not have any programming skills, then you may also have a good tester if you are not social, you may be a good programmer, but if you have everything, then you can surely be a good teacher."

Candor Software Pvt. Ltd. Noida's director **Mr. Ravi Prakash** said, "you should know how you wish to bring a change in your life. Just make changes in the work style and it can also be a positive opportunity towards success. Freshers coming out from the colleges after completing their degree courses are like raw materials. Evidently Freshers can learn anything".

Resource Person **Miss Priya** said, "Always keep yourself updated with everything. A break can never stop you, infact it can give you a fresh mind and new perspective. Learn from where you can learn. You should always keep yourself updated. Just go online, find anything, get educated. Never be afraid".

Director FoECS **Prof. Rakesh Kumar Dwivedi** said, "The level you have reached in the professional world, it is remarkable in itself. The goal might be difficult, but it is essential to treat your work like worship.If you keep working hard, you will surely get the success you deserve. You have proved this by your own success". He said, the main purpose of this event is to connect students to successful alumni like you, so that they can make their careers successful with benefits from your experiences. He said, it's reunions like these that taught me how people come with several layers of success. It is said, we should never judge a book by its cover. Dr. Ashendra Kumar Saxena,HoD CCSIT, highlighted all the achievements of last 20 years to all the participants, President of the Alumini Association, Shri Priyank Singhal, welcomed all the alumni to the Alumini Talk Series and told them about the concept and importance of Alumni Talk Series. He said, through this talk, the existing students can learn about corporate world experiences from alumni.

At last Vice President of the College Alumini Association expressed gratitude to everyone. On this occasion, about 125 alumni and students connected online including Miss Hina Hashmi, Miss Swati Vishnoi, Miss Shikha Gambhir, Mr. Jyoti Ranjan Labh, Mr. Vineet Saxena, Mr. Navneet Vishnoi etc.

Workshop on Legal and Ethical Steps Involved in Planning Startups

Institute Innovation Council of College of Computing Sciences and Information Technology organized a Webinar on **"Legal and Ethical Steps Involved in Planning Startups"**. 108 participants were present during the event that included 72 students, 25 faculties and 11 external candidates. Event was started by describing the theme of the webinar and Resource person was welcome by briefly reading its profile.

Director of the institute **Prof. (Dr.) R. K. Dwivedi,** delivered the welcome address in which described about the institute and recent achievements done in the field of innovation. After which he discussed about the startups and common challenges such as IPR management, Data protection, Trade Secrets, Contract mgmt. etc. He ended his address by giving the example of Noida Based Startup that used the emblem and national flag without taking prior approvals, due to which it was never made to the market

Resource person for the webinar is **Prof. (Dr.) V. K. Goswami, Ex- Wing Commander & Vice Chancellor, President of Peace and Environment Foundation**. He began the address by brief discussion on Entrepreneurs and in which way they are assets to society and Nation. An Entrepreneur is job giver instead of job seeker, he boost the economy of country from its innovative products and services. Startups are important as they are backed by the innovative ideas and give youngsters a platform to show their potential. He gave the example of Microsoft, Facebook, Reliance and Tata Foundation that was established by a single or group of person as small venture and today they become market giants. He discussed about the various moral or ethical values an entrepreneur must possess to make the startups to be established as successful venture. The entrepreneur must have high intentions, sincere effort, intelligent direction, courtesy and courage. Human values are must be at paramount for the optimization and sustenance of startup or for a good entrepreneur. He discussed about the various types of legal entities through which startups could be legalized. He discussed the advantages and disadvantages for each of the entity. Then he provides the set of steps to be followed in establishing new venture and also different the laws or their compliance required. Finally he also provided the brief overview on intellectual property rights and how they can help in the economy of nation. At last the session was opened for questions from the participants that were handled by the resource person and answers were given.

Jain Alumni meet SANJOG-2021

Jain Alumni meet SANJOG-2021 was organized at zoom platform for FoE on 24-7-2021
Around 50 Jain alumni participated with full of enthusiasm.
To begin with **Dr R K Jain** welcomed **Director Dr R K Dwivedi** and all participants. In his speech, Dr R K Jain described the achievements of FoE in past few years and highlighted Jain scholarships scheme to the participants.

Director FoE welcomed all the participants and appraised them about Jainism and insisted them to be college ambassador.

Alumni students Saurabh Jain, Rajat Jjain, Nitish Jain, Parag Jain, Akshay Jain also spoke on the occasion and recollected old golden memories with institute & Faculty members.

Workshop on Prototype Design and Validation

Institute Innovation Council of College of Computing Sciences and Information Technology organized a Webinar on **"Prototype Design and Validation".** More than 140 registrations was done by faculty and students both from the inside and outside. Total 99 participants were present during the event that included 69 students, 25 faculties and 05 external candidates. Resource person for the webinar was Prof. Ramesh Chandra Panda, Dean Research & Development Cell, Synergy Institute of Engineering and Technology, Dhenkanal, Odisha.

Resource person was introduced and welcomed by **Dr. Megha Sharma,** Associate Professor, CCSIT, TMU. Resource person began his address with design and its importance with respect to develop market fit products. He discusses about the design types and various design practices followed in the corporate world. He also discusses about various tools for designing that includes physical and computer tools both. Then he describes about one of the projects undertaken by him and his team where they monitor TDS level of underwater using IoT and Artificial Intelligence tools. He discussed about how the potential of innovation is improved by using latest information technology. Then he discussed about the benefits of prototype design and validation for the startups as they are able to apply for IPR for their product or service, second to lure investments for their startups and help them to find whether product is acceptable in the market or to help in change in design.

Participants greatly admired the session specially the area where the resource person shows his innovation and how they finalize the design. Session was fruitful for young innovators as they were able to know that not the idea but its prototype help in getting funds. Finally short question session was held and anchor closes the session with vote of thanks.

SETU-2021: Alumni meet of Department of Civil Engineering

Civil Engineering Alumni meet SETU-2021 was organized at International Level on Zoom platform at Department of Civil Engineering, FoECS on 26-7-2021 56alumni from India and abroad participated with good intentions and objectives.

To begin with **Prof S R Ali** welcomed all participants in the capacity of programme Coordinator. In his speech, Dr Ali highlighted the achievements of Civil Engineering Department since its inception in year 2008 and asked to few alumni to share their experiences. **Mr Nitin Joshi** from Ultratech Cement (MP), **MrAzeem,** a colonizer, **Mr Aqeel Abbas** from Saudi Arabia etc have shared their experiences and views.

Then Dr Ali requested **Prof (Dr) R K Dwivedi** (Principal and Director FOECS)to share his views and give blessings to our Alumni. He discussed his experiences and the objectives of this alumni meet with participants and rendered his blessings. He also asked them to associate with the university as brand ambassador.

Alumni Talk Series "Samvaad"

The Alumni Talk Series **"Samvaad"** was organised by **Faculty of Engineering and Computing Sciences-FOECS,** Teerthankar Mahaveer University, Moradabad on 07th August 2021.

The Samvaad was organised in virtual mode through Zoom platform. In the beginning of the event, **Dr. Priyank Singhal** (President - Alumni Association, CCSIT) welcomed everyone stating the purpose of organizing "Samvaad" i.e. to connect the current students of the college with the old students so that they can learn from their experiences in shaping their career better.

and must always keep the spirit of never say die. He suggested the students to read a famous book - **'How to Stop worrying and Start Living?'**. One of the students asked which language is better among java and python. On this he answered that both programming languages are good in their respective use. Python is better for machine learning and whereas Java is good for object oriented application development.

Mr. Abhinav Bajpai is working as Architect/Lead at IBM, Gurugram. He put focus on the fact that in IT field hard work is the key to success.
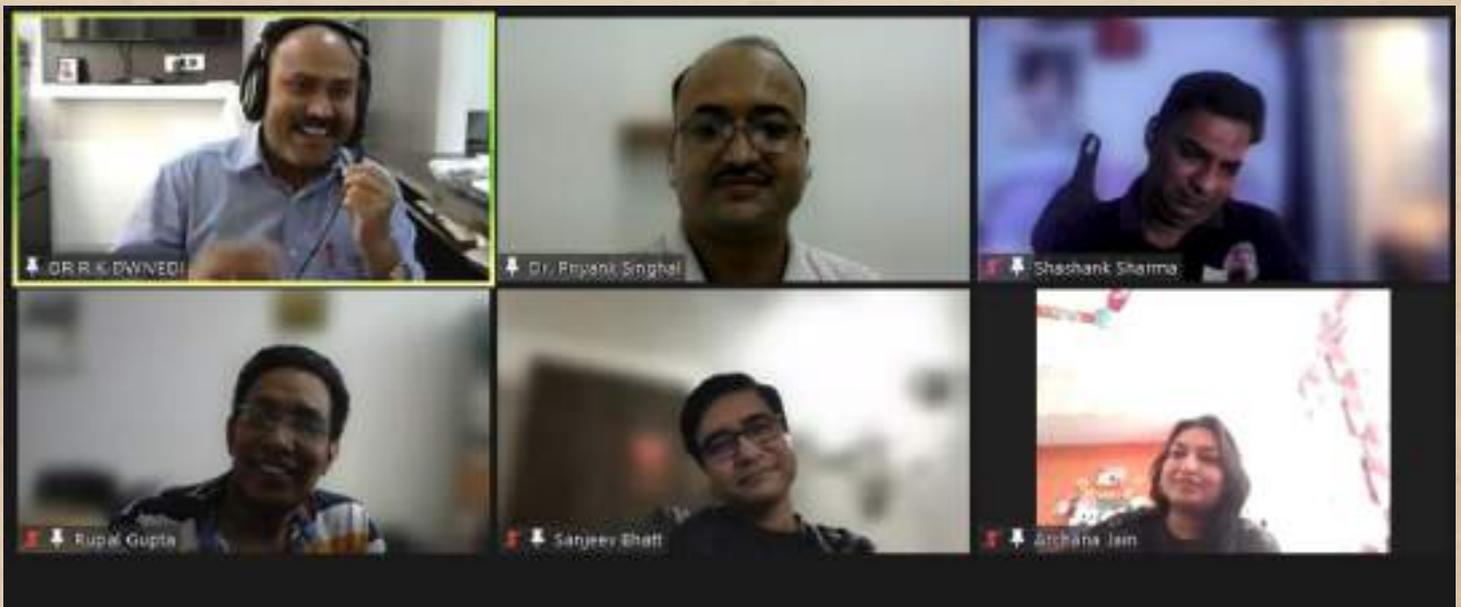
The Samvaad alumni talk series was graced by the virtual digital presence of four distinguished Alumni speakers - **Mr. Saurabh Agarwal** (MCA 2002-2005 batch), **Mr. Abhinav Bajpai** (MCA 2003-2006 batch), Mr. Shashank Sharma (MCA 2004-2007 batch) and Ms Archana Jain (MCA 2007-2010 batch).

Mr Saurabh Agarwal is currently working as Senior Technology Architect, Infosys, Bangalore. In his address ,he emphasized that we must change as the world is changing at a faster pace. The world of information technology is changing and many new programming languages are coming up fast. He told the students to keep themselves updated, keep learning new skills, should also learn alternate skills

Smart work is really essential in IT, but one must not use short cuts to get successful. One must have the learning attitude as a student to become a smart worker. Learning new skills in IT is important as the knowledge acquired will be helpful in providing meaningful solutions to the clients. He suggested that one must never hesitate to ask questions. Everything has its pros and cons but one has to focus on the positive aspects and should follow smart work.

Mr Shashank Sharma is working as a Manager Technology at XOR labs pvt ltd. at Greater Noida. He told that student life is an important part of life for anyone as the individual learns so many new things.

Alumni Talk Series "Samvaad"

To achieve one's goals and dream he suggested the smart technique. He elaborated **SMART as S- Specific, M - Measurable, A - Achievable, R - Realistic, and T - Time limit.** He told students to make strong base in the IT world by smart work. According to him engineers are not careless nor they are alert, they stand somewhere in between. One must have good confidence about what has been learnt, what you know and what you can learn. He advised that before heading for Big Data and Hadoop one must have sufficient knowledge of programming languages like C, C++ and Java.

Ms Archana Jain is currently as owner of Happy Moments Craft, she is also active as a YouTuber. She has previously worked with TCS as Assistant Advisor. She strongly recommended to students to work on their soft skills. Soft skills will help students for their entire life. She has been actively used her YouTube channel for her Happy Moments Craft and to spread awareness about recycling to waste material to create decorative handicraft. She shared her corporate experiences and advised students to set a goal for themselves.

At the end of the program, **Mr. Rupal Gupta** (Vice President - Alumni Association, CCSIT) thanked everyone including logistics supports team headed by **Mr Manoj Gupta**. The program was successfully anchored by **Ms Khushi**, student of BCA.

HaryaliTeej-2021

The event "HaryaliTeej" was celebrated on 11th Sep 2021 on the occasion of Teej Festival. Teej is the generic name for a number of Hindu festivals that are celebrated by women. Haryali Teej and Hartalika Teej are welcomed in the month of Monsoon and are celebrated primarily by girls and women, with songs, dancing and prayer rituals. The monsoon festivals of Teej are primarily dedicated to Parvati and her union with Shiva.

FOECS celebrated this day by having various cultural performances like Singing, Dancing, Mehandi & Rangoli, etc. Students enjoyed the event. Near about 50 students participated in the event. Event was started by Lamp Lighting by holy hands of Director & Principal, FoECS, TMU, **Prof. Rakesh Kumar Dwivedi** & Chief guest of the event, **Dr. Prerana Gupta,** Senior Psychiatrist, TMU. She recently received the honor of Mrs.India 2k20 on a big platform. She motivated girls for various activities & groomed their confidence to achieve everything in life.

Event was coordinated by Cultural Coordinator, Mrs. Hina Hashmi, and Mr. Rahul Rathore & cultural team.

National Webinar on Research, Innovation, and Ranking

**(MIC Driven Activity for Quarter-4)
as the part of one-year celebration of
National Education Policy 2020 (NEP 2020)**
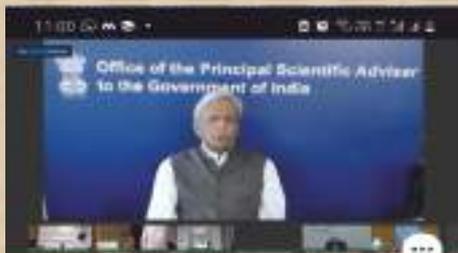
"Under the flagship of Ministry Of Education Government Of India and MoE's Innovation Cell (Government Of India), Under the IIC program, MIC organized MIC Driven Activity for Quarter 4- National Webinar on Research, Innovation, and Ranking as the part of one-year celebration of National Education Policy 2021 (NEP 2021). Dr. Rajkumar Ranjan Singh, Hon'ble Minister of State for Education and External Affairs, Govt. of India was the 'Chief Guest' for the program while Prof. K. VijayRaghavan, Principal Scientific Advisor, Govt. of India graced the even as 'Guest of Honor'.

SEMINAR ON FINANCIAL & INVESTMENT PLANS

:   A seminar on Financial and Investment Plans was organized by **Punjab National bank Manager, TMU Campus Moradabad** to make the teaching and non-teaching staff aware of TMU on 18th August 2021.

Manager PNB told the staff members about different financial and investment plans running by PNB and Star Health. They discussed many schemes and clarified the doubts of the audiences. They emphasized on health plans. Other official shared that today's life is very uncertain and we should concentrate more on health issues rather than wealth issues. He suggested to take health plans. He discussed many health plans. A few members had already these plans but maximum did not have. Then he discussed the benefits of Systematic investment plans and also told about some tax schemes offered by PNB. Dr. Shambhu Bhardwaj proposed vote of thanks .

Fusion-Department of Physics

The program started on 13th August 2021 at 3.30 pm with more than 70 participants.

Dr. Diptonil Banerjee, on behalf of Department of Physics welcomed guiding source and speaker, Prof. (Dr.) R. K. Dwivedi, Director & Principal, FOECS and alumni of UG & PG Programmes.

The resource person and speaker of the event **Prof. (Dr.) R. K. Dwivedi,** Director & Principal, FOECS shared his motivational views and blessed alumni of the Department of Physics to accelerate the gaining efficiency in understanding the correlation between science and technology for the benefit of human beings.

"Due to second phase of COVID-19, we planned to conduct this online" said Prof. Dwivedi and later he added that the fusion platform would give advanced information and make you well connected with your former department. He also said that department has been provided cooperation to every students as well as alumni to touch the highest level of knowledge in associated fields and explained the meaning of the quote "Network and Net worth" to the alumni. In connection with this, he quoted, "An organization's alumni are the reflection of its past, representation of its present and link to its future", and said that alumni are the brand ambassadors of every institution and also the significant stakeholders. .

Followed by his speech, some alumni introduced themselves:

Ms. Surbhi Chauhan, alumnus said that at present she is doing PhD from NISER, Bhuvneshvar, before joining the PhD, she cleared JEST and GATE national exams then joined the PhD in the field of advanced materials.

In sequence with this, Mr. Pradeep Kumar, alumnus said that at present he is doing PhD under the supervision of Prof. K-L Chen in the department of Physics from NCH Univ. Taiwan.

Mr. Bhanu Pratap Singh, alumnus said that at present he is doing M.Tech. in IIT, Delhi. He got chance there after obtaining good rank in GATE 2021 Exam. He said curriculum of B.Sc. (Hons.) Physics helped him to achieve his goal.

A few alumni shared their views and suggested many solutions for the betterment of the department.

In connection with the schedule, Dr. Diptonil Banerjee welcomed Head, Department of Physics, Dr. Amit K. Sharma, for sharing the infrastructural advancement, resources and progress of the department.

During his speech Dr. Sharma shared progress of the department and described all the small details of the department like library, laboratory facilities, Wi-Fi connection, Training and Placement cell, faculty details, current research activities, publications etc. He also added the information related to educational visits, upcoming and

completed national and international conferences/webinars as well as different in-house activities like science day celebration, fresher/farewell party etc.

It is matter of pleasure for the department that till now around 45% alumni got a State/ Central jobs as of field of interests; 35% alumni are pursuing higher degree from repute institutions/Universities at National & International levels and rest 20% are in queue for the preparation and hope that they will also do their best in future.

At last, Dr. Sharma again thanked all the alumni for giving their precious time and sharing their views and suggestions. In turn, alumni also appreciated the program conducted by the department and said that they also overjoyed a lot and expected that such kind of events will also be organized in future again and again.

The event was formally concluded by Dr. Vishnu Prasad Shrivastava by giving formal vote of thanks.

Director's Interaction with B.Tech CSE Students on College Achievement

On Aug 16th & 17th 2021 Principal, CCSIT **(Prof) Dr. R.K.Dwivedi** interacted with all the students of B.TECH(CSE) through online mode to share the college achievement during the COVID-19 Pandemics. Session was equally supported by the HoD, **Dr. A.K Saxena** and programme Coordinator, **Mr. Rupal Gupta.** During the session, College achievement of Smart India Hackathon-2020 winning by two teams of CCSIT awarded with Rs. 1 Lakh each for the team was highly appreciated. New Collaboration of TCS-iON industry for B.TECH programme in Data Science from coming academic year was introduced. Information about Wipro Certified trainers from college was shared to the students. The information that CCSIT was remained one of the Host institutions of "Tycothon" event organized by AICTE was also shared. In the same event total five teams were selected for final round in online/offline mode at different host centres across the country.

Session was followed by sharing of the placement status of the current batches of CCSIT by the placement cell of the college. Further information about various college activities/events like IIC Ranking, FDPs & Conferences organized, patents published etc were shared with the students.

Principal CCSIT, Prof. R. K. Dwivedi concluded the session by saying that during COVID-19 Pandemics Institute worked and performed efficiently. In the same way students must also understand the gravity of the academics and learn for their bright career. Principal CCSIT motivated and wished the students of final year to perform well in the coming placement drives. The information of 15 days BOOTCAMP was also shared by CTLD Department for aptitude and soft skills to assess final year students for their placements.

Boot Camp 25th August 2021

Teachers' Day Celebration by BCA Students

Students of **BCA** organized **Teacher's day celebration** on 06/09/21 at LT2 of CCSIT Campus. Event started was with lamp lightening and sarswati vandana in front of statue of Goddess Maa Saraswati. Principal of FOE&CS, **Prof. Rakesh Kumar Dwivedi** delivered an inspirational speech along with sharing the information about the origin of Teachers day by remembering **Dr Sarvepalli Radhakrishnan ji**. Students planned few games for teachers like Musical Chair, Balloon passing game etc. **Dr Shambhu Bhardwaj** and **Miss Nisha** were the winners of each game. Students distributed few titles to teachers. The title 'Laughter of the Day' was given to **Mr. Harjinder Singh** and the title 'Most Stylish teacher' to **Dr. Zareen Farooq** were given. Students gave honored to faculty members by giving them gifts along with good snacks at the end of the program.

Engineer's Day Celebration @ FOECS

Engineer's Day was celebrated on September 15, 2021 to commemorate the birth anniversary of Bharat **Ratna awardee, Sir Mokshagundam Visvesvarayya** who was born on September 15, 1861, in Muddenahalli near Chikkaballapur. As a tribute to him, one of the country's greatest engineers for his outstanding contribution to society, the day was celebrated very well at FOE&CS, Teerthankar Mahaveer University in Moradabad

A significant number of TMU students, dignitaries, and staff members were present for the celebration. The commemoration was inaugurated by energetic & dynamic **Prof. (Dr.) R.K.Dwivedi,** Director & Principal (CCSIT). In his welcome address about the greatest engineer. He inspired students.

Dr. Ashendra, HOD (CCSIT), Dr. Shambhu Bhardwaj, Proctor (CCSIT), Ms. Anu Sharma, iNurture Course Coordinator, Mr. Manish Tiwari, Assistant Registrar (CCSIT), and Mr. Vikas Verma, Mentor, iNurture lighted the lamp with Vandana for Goddess Saraswati.

Mr. Vikas Verma delivered a speech emphasizing on the importance of exceptional contribution by the country's best engineers to society. The students and faculty members found the oration very fascinating and educational. Students planned the event with dance and music. The students, dignitaries, and staff members all had a great time and contributed to the event's success.

PRAYUSHAN PARV 2021 FOECS PARTICIPATION

On 10th of September, the first day of **Paryushan Parv** that is **Uttam Kshama**, CCSIT, TMU performed the function on the theme of **Bahuroopi Bhramgulaal**. The function started with the welcome of the chief guest and the Honorable Chancellor with other dignitaries. After lighting of the lamp ceremony, the program started with a beautiful **Mangala Charan** and proceeding by the act of Bahuroopi Bhramgulal that included various small performances like dances in between act in which different expressions of human beings were depicted like anger, valor, humor, jealousy, fear, malice, rage etc.

Bhram ghulal was a multi-faceted person who was capable of taking any form and was a great friend of the prince of Tapan Nagar. As a result of his talent, he earned a lot of prestige in the city. They are so lost in their nature that they have no idea of their reality. For the entertainment of his prince friend, sometimes he would become a dancer and sometimes he would became a mascara. One day he killed the prince in the form of a lion. In order to take revenge, the king asked him to discourse as a Digambar Muni. This disguise done in humor becomes the only way for Brahma Gulal to choose salvation and he actually took Digambari Muni Diksha. It was full thrilling and entertaining act performed by the students of CCSIT. At last great dance performed by the boys mesmerized the audience. All the participants were awarded with the token of appreciation and the three students got the prizes for the best performance of the event.

18 Sept. 2021, this was **9th day of Paryushan Parva known as "UttamAakinchanya".** CCSIT TMU Moradabad celebrated this event as a cultural night and theme of the event was **"Anuvrat Ki Mahima".**

The event started with the welcome of Honorable Chancellor Sir and his family, chief guest of the event Dr. Ajay Pant Medical Superintendent, Medical College TMU, and Judges of the event **Dr. R. N. Krishnia Director** CTLD, **Dr. AnuragVerma** Principal Pharmacy College TMU Moradabad. Then all the dignitaries were invited for the lamp lighting. A beautiful dance in the form of manglacharan and a drama with the title "Anuvrat Ki Mahima" was performed by students of CCSIT and narrated by **Mr. Aaditya Jain**, Assistant Professor CCSIT, TMU. In Jain community anuvrats are the list of rules that need to be followed by every human being for internal peace and satisfaction. These thoughts teach us the actual objective of life. In the drama a person who was a Chandal by his profession had taken an oath in front of Jain Muni, that on every chaturdashi he will never kill any life. Due to sudden incident King of the Podanpur ordered chandal to kill the king's son. But due to anuvratchandal disobeyed the orders and hence hurt the king's ego. Kind gave death penalty to the chandal but God saved his life. And chandal and his ahimsa anuvratwere praised by everybody in Podanpur. After this, one group dance was performed by students of College of Pharmacy that mesmerized the audience. All the final year Jain students received a memento as their final memory of the CCSIT student journey.

At the last all the participants were awarded by the token of appreciation and the three students got the prizes for the best performance of the event. Every one enjoyed and appreciated the performances of the students. Vote of thanks was given by **Mr. Aaditya Jain**

2ⁿᵈ National Conference on Materials and Devices

The applications of materials in the form of devices had always attracted the man kind for their economic progress and social well-being in any country and indeed the world as a whole. The scope of the national conference on materials and devices is to support research communities by empowering Professor, Scientists, Researchers, Students and Business Delegates to regularly meet and discuss topics with frontrunners in the field of materials and their recent findings. The challenges encountered in the research problems and to explore the possibilities of the new collaborators with top academicians and scientists from the field of materials and their applications in the form of devices was also the theme of this conference. This conference had one aspect for sharing of knowledge and providing the platform to explore and learn new researchers in their respective area of research interest.

DAY-1

Inauguration Session
· Started late from its scheduled time by 30 minutes and at the end we were delayed by 60minutes.
· The group B.Sc& M.Sc. students of Department of Physics performed Saraswati Vandana at the stage podium.
· Chief Guest and Guest of honor shared their views and blessed all to accelerate the research and development for the benefit of human beings.

Conference Sessions: (Session-1 & 2)

• ·**Prof R.K. Sharma** (Former Director-SSPL and Key Note speaker of NCMD-2021) has delivered his lecture on "Attaining Self-Reliance in Materials and Device Technologies" and motivated new researchers.

• ·**Session -1** was Chaired by Dr. K. Pandey from University of Allahabad, Prayagraj whereas session-2 having two parallel sessions. The parallel sessions were chaired by Dr. Rajesh Mishra from KEC, college of Engineering, Ghaziabad and Dr. Diptonil Banerjee from TMU, Moradabad respectively and hence conducted the conference smoothly.

• · Key-note session – Two Plenary talks presented by Prof. U.P. Singh from KIIT, Bhubaneswar and Prof. NeelamSrivastava from BHU, Varanasi respectively in the session-1 & 2. Prof. Singh elaborated on the third generation photovoltaic materials and their devices in the form of thin film materials. Prof. Srivastava explained her work which was recently patented and she is looking for its commercial production. She is able to produce very low cost humidity sensor to absorb room humidity which will be the substitute of costly air conditioners.

• ·One of the eminent speakers from National Physical Laboratory, New Delhi, Dr S. Kumar, presented his work and explored the preparation of electronic materials with the laser beam epitaxial methods and the devices based on such materials.

• ·Invited Speaker from University of Delhi Dr. Ajay Gahlot, from AKS University, Satna, MP, presented their research contributions in session-1 and Dr. ShardaSundaram from University of Allahabad, Prayagraj and Dr. Arvind Kumar from University of Delhi, contributed in Session-2 and Invited Speaker.

• ·Other invited speakers shared their views on different materials like Ionic liquid which is an ionic conducting liquid used for increasing the conducting of the insulating synthesized polymers to increase its conductivity in a solid form.

• ·17 research students also presented their finding.

2nd National Conference on Materials and Devices

Technical Session-3

- Started on scheduled time at 10:30AM. After lighting of the lamp in front of MaaSaraswti.

- **Dr. Manjula Jain** was the guest of honor of second day of the conference. She addressed the conference virtually.

- Key-Note Speaker **Prof. S. A.Hashmi** from Department of Physics and Astrology, University of Delhi, started his lecture 20 minuts late as per schedule. He explained physics of super capacitor materials and energy storage devices based on such materials.

- **Professor Bhattachary**a delivered his plenary talk in the area of polymer electrolyte materials and the radiation effects on it.

- The Session -3 was conducted in three parts chaired by **Dr. Nitin Jadhav** (Vidya Pratishthans Kamalnayan Bajaj Institute of Engineering and Technology Baramati), **Dr. Rashmi Mittal** (MMU, Deemed to be University, Mullana, Ambala) and **Dr. Amit Saxena** (Department of Physics, SVIS, S V VV, Indore) respectively along with supporting members Dr. AD Tripathi, Dr. **Amit Gangwar** and **Dr. Vishnu Prasad Srivastava** among the organizing members for the smooth conduction of the conference.

- Conference Sessions-4 was chaired by **Dr. G.N. Pandey** (Amity University, Noida) with supporting member **Dr. Alok Kumar Gahlot.**

- Plenary speaker **Prof. A.K. Chaudhary** described in details about the materials for high frequency generators. His talk was very basic and informative for the research students as well as PG students.

- There were 07 Invited Talks on day-2 under session-3 & 4. All invited speakers had shared their views on different materials like Solar Cell, Crystal structures, fuel cells, batteries, super capacitors, nano materials, DSSC, photonics and materials for frequency oscillators.

  Two Sessions were conducted.

  One Key-Note talk, 2 Plenary talk and 7 invited speakers shared their research contributions in NCMD-2021.14 research students participated for oral presentation.

BATTLEGROUND MOBILE INDIA TOURNAMENT

BGMI Gamophobia Activity was held on 24 to 25 September by Faculty of Engineering and Computing Science . B.Sc. Animation department was the organizer of this event. Event started by lighting the lamp in front of MaaSaraswati by respected Prof .R. K. Dwivedi, Director, FoECS, TMU and Dr. ShambhuBharajdwaj, proctor, FOE,TMU and faculty members.

Prof. R.K.Dwivedi, Director and Principal, FoECS showered his blessings for the activity. He opined,**"Besides the study we should also be involved in such kind of activities by which we could know the latest information about the technology."** It's very necessary to connect with the technology in present era.

On 24th September, we conducted league round in which 100 participants took part in two shifts of 50-50. We selected 25 participants from both. On 25th September, we conducted semifinal and final round. We selected top 3 participants. **Dipanshu** B.Sc Animation 1st year got 3rd rank, Pryas Jain B.tech CS 1st year got 2nd rank and Priyank ChauhanB.Sc Animation 1st year got 1st rank in this tournament. Whole event was hosted by **Shrusti Jain** and **Apoorv Mittal**.

At the end of this event Principal Sir motivated students, he said, **"Such kind of activity is necessary for our mental health and peace but we should remember our priority that is our study."**
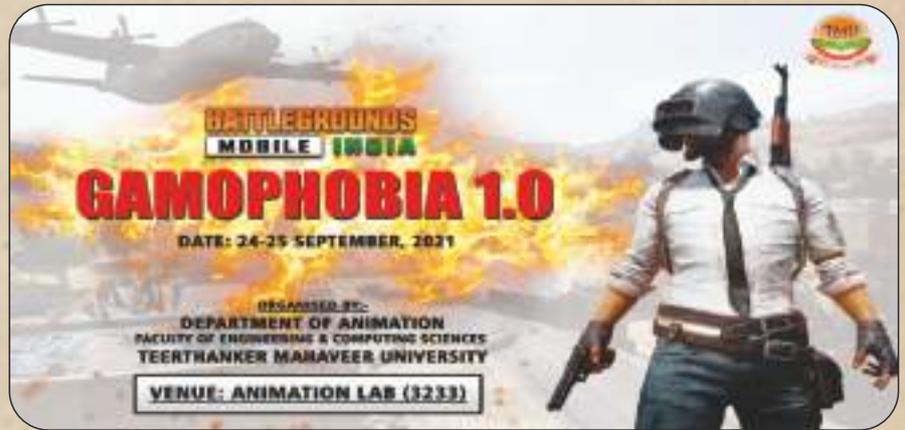
NSS DAY CELEBRATION: 24th Sep.,2021

FLAG MARCH PLANTATION, YOGA SESSION & TALKS, Talks

टीएमयू में राष्ट्रीय सेवा योजना दिवस पर रोपे गए पौधे

SHAHEED UTSAV: 29th Sep.,2021

BHAGAT SINGH

प्रश्नोत्तरी प्रतियोगिता में छात्रों ने किया प्रतिभाग

From faculty's pen

Innovation by Design

   Innovation is what drives the world forward. It is what heals illnesses, protects individuals from danger, and makes life easier, more efficient, and more enjoyable. However, innovation does not just happen. It takes a catalyst, and one of the most robust catalysts for innovation is design. It moves an idea smoothly along its journey from a simple insight to a tangible, marketable product or service. Design provides the focus and structure that innovation so badly needs.

What Is Innovation By Design?

Innovation by design is the utilization of a designer's methods and sensibility to address the needs of the consumer. Along with this design-driven approach, strong business strategy and technological feasibility are used to create both market opportunity and customer value. Basically, the goal is to solve more complex problems with the methodology of a designer. One of the key steps of innovation by design is engagement with consumers. Prototypes are created, and then tested, and then refined. It is essential to do this because it minimizes the risk of product or service failure.   It is this part of the design process that ensures profitable, popular, and revolutionary innovation.

By: Pradeep K Gupta
Department of Animation CCSIT

Alumni Talk Series "Samvaad" 28th September, 2021

During next session of the event, the distinguished Alumni speaker was Mr. Sanjeev Bhatt. He is currently working as Associate Director with L&T Pvt Ltd., Pune, heading a team of 70 plus Manufacturing IT professionals. , he talked about how moving far away from home helped him grow as a person and that getting displaced far away was a blessing in disguise. He was humble enough to let us know that even he had a few months phase in which he was homesick but he kept going on and soon he got adjusted pretty well. He told the students a story from his early days as an employee about how when he was working in a small company, he got a one month notice and people around him tried to bring him down and right at that moment he swore to himself that he will never treat an employee like how they treated him. He answered a student's question about Cyber Security and elaborated on how if one wants to build a career in Cyber their networking skills should be competitive enough to make it through a career.

Mr. Sanjeev also talked about Artificial Intelligence and how AI is changing rapidly and whatever is being said about it now won't be true in next 6 years. Amazon and Flipkart are using Artificial Intelligence to make AI fashion models and putting clothes on them. We got to learn that AI can generate figures that can wear our desired clothing. But still it would take AI almost a decade to think like a fashion designer or approx. 6-7 years to even get close to it. He also discussed about Cloud Technology and how it will change the future. He told many aspects that included - Cloud is a more compatible approach, anyone can just buy a cloud subscription and upload all their essential data on the cloud, Cloud Tech being more and more famous each year makes it the future of storage techniques and it is corrupt-proof, one wouldn't need to worry about getting their hard disks corrupted by rough usage over time. Since cloud services have their entirety on the web.

Many college alumni Mr Rupal Gupta, Mr.VineetSaxena, Mr.Harjinder,Ms.HinaHashmi, Mr.Amit Singh and other faculty members were present in the programme.

Prof. Rakesh Kumar Dwivedi, while explaining the importance of this program, encouraged the students to listen to the ideas of the college alumni and learn from their experiences with enthusiasm. He said that they can learn from their experiences and achieve success in the corporate world. He appreciated the efforts made by the college alumni association with the hope that they will continue the tradition of organizing such programs in future also.

At the end of the program, Mr. Rupal Gupta (Vice President - Alumni Association, CCSIT)thanked everyone including logistics support team headed by Mr Manoj Gupta. The program was successfully anchored by Mr. Saad, student of BCA.

Alumni Talk Series "Samvaad" 28th September, 2021

Alumni Talk Series **"Samvaad"** was organised by Faculty of Engineering and ComputingSciences-FOECS, TeerthankarMahaveer University, Moradabad on 28th September 2021. **Dr. Priyank Singhal** (President - Alumni Association, CCSIT)welcomed everyone stating the purpose of organizing "Samvaad" i.e. to connect the current students of the college with the old students so that they can learn from their experiences in shaping their career better. The talk series was specially organised for the new entrants of session 2021-22 with the vision that they will know about their senior alumni who are doing well in the corporate world and to know their insightful corporate experiences. Such interactions will help the new students to create a better path for them to be successful. **Samvaad** alumni talk series was graced by the virtual digital presence of two distinguished Alumni speakers - **Mr Mohit Bajaj** (BCA 2007 - 2010 batch) and **Mr. Sanjeev Bhatt** (MCA 2002 - 2005 batch).

Mr Mohit Bajaj is working currently as cyber security expert. He is currently working as IT officer (Ministry of Health & Family Welfare, Govt. of India) and he deals in Cyber Crimes in India & Laws Related to them. He completed his MCA, LLB and LLM as well. He talked about how he studied at the level of IIM and with people from Harvard and yet none of those people could enlighten him like TMU's capable faculty did. He has attained one of the top ranks in his MCA entrance which he dedicated to the teachers of TMU who taught him. TMU has helped him strengthen his foundation which later helped him in life. His first job was of a Navigation Pilot in Indian Navy. But unfortunately he couldn't pursue it due to a medical accident. He emphasised on few important aspects like - IT is the future whether it is government or private sector, C++ is a great programming language to build your command on, Digital Marketing and Cyber Crime has a huge scope in the times ahead, India needs to tighten our currently weak Cyber Crime laws and there is a need to spread awareness about Cyber-crime.

Induction Program-2021

Induction Program - 2021 was organized for the newly admitted students of all the programmess in the CCSIT , Teerthanker Mahaveer University , Moradabad. Director and Principal, FOECS, **Prof. Rakesh Kumar Dwivedi** said that during this three-week long induction program, many academic, cultural, yoga, games, alumni including top officials of TMU and Heads of Departments of various departments of FOECS, coordinators and professors of various programmes including expert talks on various subjects. Various programs like dialogues, etc. were organized. During the Students Induction Programme, expert talks on various topics were presented by the professors. A balloon game based on the theme of team structure, team building and contribution was also organized for the newly admitted students in which all the students participated with enthusiasm and joy. All the newly admitted students were also given a tour of Herbal Park, Moradabad. Prof. Dwivedi thanked all the Heads of departments, coordinators, coordinators of the organizing committee, **Prof. Ashendra Kumar Saxena and Dr. Shambhu Bhardwaj** expressed heartfelt gratitude to the members of the organizing committee, all the professors, staff and all the newly admitted students of the first year.

TMU Vice Chancellor **Prof. Raghuveer Singh,** during his interactive session, while motivating all the budding students said, only hard work can make you a better person. A lot is about to change in you. You can enjoy this journey of yours or cursing everyone. One who works hard always stays healthy. Drop by drop it fills the pitcher. Our role is only to guide. You have to study yourself. What you do today decides your future. You develop confidence in yourself by coming to college. You learn to communicate with and cope with people. College is a place where you learn how to deal with people Be a good human not a robot. Be humble Stay away from arrogance, jealousy, deceit and laziness etc. He congratulated Director of FOECS, Prof. Rakesh Kumar Dwivedi and his team. Prof. Singh extended his warm wishes to all the newly admitted students.

Induction Program-2021

Dr. Aditya Sharma, Registrar, TMU, while briefing all the newly admitted students about the vision, mission and infrastructure of the University, said, TMU has all kinds of advanced facilities for the all round development of the students. . Taking advantage of these facilities, he called upon everyone to study hard and diligently and make their life successful along with career. Dr. Sharma extended his warm wishes to all the students for their successful life and career. **Dr. Manjula Jain**, Associate Dean Academics, TMU, explained in detail about the University Framework, Choice Based Credit System-CBCS, Research, Patenting, Entrepreneurship, Incubation and TMU Innovation and Start-up Cell. He said, the main objective of TMU Innovation and Start-up Cell is to provide impetus to innovative and entrepreneurial ideas and to create a vibrant and conducive startup culture which will be an incubator for successful start-ups as well as entrepreneurship and innovation. culture will be promoted. Dr. Jain extended his warm wishes to all the newly admitted students for their excellent success in life and career. TMU's Admission Director **Shri S P Jain** called upon all the newly admitted students to imbibe human values and said that there is a need to pay attention to the small things in life and learn from them. Always respect parents, teachers and gentlemen. Be honest to yourself. Follow self-discipline. Importance of soft skills and aptitude, development of soft skills, brain and its functions, memory power, causes of memory loss, power of concentration, activities, distraction during expert talk by **Dr. RN Krishnia**, Director, CTLD Reasons, etc., gave in-depth information about the topics.

PLAY ACTIVITY

He extended his warm wishes to all. **F**oECS Director **Prof. Rakesh Kumar Dwivedi** said, today there are many career opportunities available in the field of Computer Science. He explained in detail about the current trend of technological advancement- RFID, sensor, smart tech, nano tech, moving wheel of technology- tagging, feeling, shrinking, thinking, internet of things- application of IoT and technical challenges and big data . **Prof. Ashendra Kumar Saxena,** HoD, CCSIT, gave information about the academic calendar, discussed in detail the topic of how the students can get success in life. Proctor **Dr. Shambhu Bhardwaj** explained the rules and regulations of the university, culture of the college, working pattern and environment, proctorial board, anti-ragging committee, disciplinary rules, procedure for issue of books from the college library and library, scholarship form and its procedure and provided information about transport, etc. Placement Assistant Director **Mr. Vikram Raina** talks about training and placement scenario in TMU, meaning of training and placement, types of training, importance of training, how to improve skill set, what is placement, what is placement process, How to do registration of placement how to improve your personality, campus placement pattern, eligibility criteria, how to prepare for placements in companies like Infosys, TCS, Wipro and IBM, etc.