

COLLEGE OF COMPUTING SCIENCES & INFORMATION TECHNOLOGY
FACULTY OF ENGINEERING

COMPUTING VISION

VOLUME 8

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IDEA FACTORY
A VOICE OF AN EFFORT

A STUDENT MAGAZINE

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD, U.P.

www.tmu.ac.in

VISION



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

MISSION

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



FOCUS



In our quest to make the university an ultimate 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

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

Research : Foster research orientation in students and faculty in basic and applied areas in all its disciplines

Good Governance: Bring transparency and accountability in university operations.

Consultancy Services: Take academic proficiency to corporate and community by providing cost effective solutions

Entrepreneurial Culture: Nurture entrepreneurial capabilities to accelerate growth .

People: Make Teerthanker Mahaveer University a preferred destination for work and study .

Sports and Culture: Provide ample opportunities to develop sportsmanship and love for culture and national heritage .

Social Relevance: Position it self as a catalyst in social change .

MESSAGE



Shri Suresh Jain
Hon'ble Chancellor
Teerthanker Mahaveer University
Moradabad

I am heartily elated to know that the Faculty of Engineering and College of Computing Sciences and Information Technology (FOE & CCSIT), Teerthanker Mahaveer University, Moradabad, is going to publish the forth coming issue of its quarterly magazine "Computing Vision" Volume:8, Issue:1. I wish that the effort of FOE & CCSIT in this regard will achieve its objectives through the demonstration of various facets of cultural, literary, sports, social and club activities. I am confident that the magazine would pave the way for holistic development of students stepping towards responsible and accountable citizens of India. I extend my whole hearted support to all the members of FOE & CCSIT for such an endeavour.



MESSAGES



Shri Manish Jain
Hon'ble Group Vice
Chairman Teerthanker
Mahaveer University
Moradabad

I have a great pleasure in conveying my best wishes to the Faculty of Engineering and College of Computing Sciences and Information Technology (FOE & CCSIT), Teerthanker Mahaveer University, Moradabad, on the release of this spectacular new issue of their quarterly magazine "Computing Vision" Volume:8, Issue:1.

Good things remain good only because they are always scarce. I am glad to pen for this wonderful magazine as an appreciation of the commendable efforts put forth by the FOE & CCSIT. This magazine has added value to their constant efforts. I am sure that the magazine is providing constant opportunities to the students for showcasing their creativity. I welcome all our new entrants to TMU family. Through this message, I wish them "All the very Best" for their future endeavors and hope the students of FOE & CCSIT bring more laurels to the college on the whole. I take this opportunity to extend my best wishes for the success of the magazine.



Shri Akshat Jain
Hon'ble Executive Director
Teerthanker Mahaveer
University Moradabad

It is a matter of immense pleasure to learn that the Faculty of Engineering and College of Computing Sciences and Information Technology (FOE & CCSIT), Teerthanker Mahaveer University, Moradabad, is bringing the new edition of its quarterly magazine "Computing Vision" Volume: 8, issue:1. Today we live in a world where change is riding an accelerated pace and we need to pause and reflect on the entire education system. I firmly believe that students must be taught how to think, not what to think. A college is a place where students begin to learn lessons of life. As educators, we need to incorporate such activities that help the all-round development of each child. The biggest challenge we all face today is to prepare our students for a globalized world. In our busy schedule of preparing the young minds for the global market, we often ignore the fact that each student has his own individuality and special skills. We, educators being facilitators should always encourage each student to develop in their special field of interest. We should realize the fact that all the students do not have the same talents

and so each one will achieve success differently. A college magazine helps record the curricular to and extra-curricular journey of the college and provides an opportunity to the students showcase their talent and expose their creative potential alongside academic and curricular inputs. Co-curricular and extracurricular activities help shape the overall personality of a student. I appreciate the Director, faculty members and all the students for such a laudable effort. I extend my warm wishes to the Director, Faculty members and students to continue this journey on the road of excellence.



Prof. Raghuvir Singh
Hon'ble Vice Chancellor
Teerthanker Mahaveer
University , Moradabad

I am delighted to know that the Faculty of Engineering and College of Computing Sciences and Information Technology (FOE & CCSIT), Teerthanker Mahaveer University, Moradabad, is going to publish the forthcoming issue of its quarterly magazine "Computing Vision" Volume:8, Issue:1. "The mind is not a vessel to be filled, but a fire to be kindled." said Plutarch. In this regard, the most important aspect we could derive from the stupendous effort is to bring out the various technical and analytical skills of the budding engineers. I wish that the "Computing Vision" establishes to be a flint to fire the enthusiasm and excite the minds of the students for many intrusive innovations. Success of this effort to bring out "Computing vision" on regular basis is the result of dedicated teamwork put in by all concerned. I am glad to pen for this wonderful magazine as an appreciation of commendable efforts put forth by the team since its launching. The efforts taken to bring about innovative content is appreciable. I express my compliments to all worthy members of FOE & CCSIT for their valuable efforts in bringing out this issue. I wish them all triumph!! extend my whole hearted support to all the members of FOE & CCSIT for such an endeavour.



Prof. (Dr.) Rakesh kumar Dwivedi
Director & Principal
FOE & CCSIT
Teerthanker Mahaveer
University Moradabad

"Vision without action is a daydream, and action without vision is a nightmare. Your heart is free, have the courage to follow it ." is rightly quoted by Melchor Lim. With the same courage and proud, I am extremely elated to apprise that the "Computing Vision" a regularly issued quarterly magazine, is the mirror of reflecting remarkable actions carried out time to time by the Faculty of Engineering and College of Computing Sciences and Information Technology (FOE & CCSIT), Teerthanker Mahaveer University , Moradabad, in the persuasion of its vision. Mr. Joel Barker also said, "Action with Vision is making a positive difference." And the milestone of this positive difference set by "Computing Vision" is commendable. Success of this effort to bring out "Computing vision" on regular basis is the result of dedicated team work put in by all concerned. I am confident that the faculty and students will contribute their ideas in making the current issue of "Computing Vision" Volume:8, Issue:1 more flourishing. I express my compliments to all worthy members of FOE & CCSIT for their valuable efforts in releasing this issue I wish them all triumph!



HARIYALI TEEJ- 2ND AUGUST, 2022

Faculty of Engineering and College of Computing Sciences & Technology organized an annual cultural fest jointly under the name 'Hariyali Teej-2022' at LT2 on 2nd August 2022 at 11.30am. After reunion of FoE & CCSIT, all students have performances shown by all streams of students (Science, Engineering & Technology) were commendable. Talent of college students made everyone surprised and stunned.

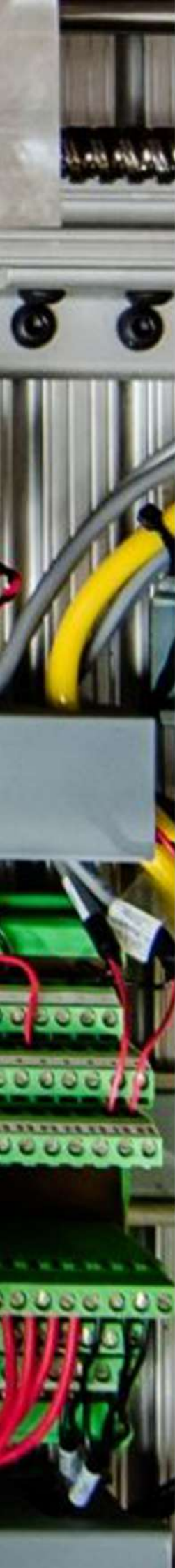
The event was started with lamp lightening by the Chief Guest and dignitaries. In the dignitaries, Associate dean of TMU, respected Dr Manjula Jain, Joint Registrar of TMU, respected Dr Jyoti Puri, and Principal of FOE & CCSIT, Prof R K Dwivedi made their kind presence. The chief guest Winner of Title Mrs. Asia Komal Gandhi, Social Worker, graced the event. The event had non competitive programs in schedule in various categories i.e. Mehndi, Dance, Rangoli and Games. All the participants actively participated and performed very well. Gifts were given to all participants. All guests appreciated the event a lot and made their gracious presence whole day. Momento were presented to all guests. The whole event was conducted and coordinated by Shikha Gambhir, Cultural coordinator (CCSIT) and Ms Neha Anand Cultural coordinator (FoE). Dr Sonia Jayant, Dr Zareen Farooq, Dr. Gulista Khan, Dr. Garima Goswami, Ms Marriyam Tahira, Ms Humera Siddhiqui, Ms. Neeraj Kumari, Ms. Anu Sharma and other members of cultural committee All faculty members and students admired, applauded and enjoyed the event

REPORT ON THE SEMINAR ON INTELLECTUAL PROPERTY RIGHTS CONDUCTED ON 04TH AUGUST 2022

An online seminar on intellectual Property Rights was conducted at Faculty of Engineering, Teerthanker Mahaveer University, Moradabad on 04/08/2022. The seminar was jointly organized by Faculty of Engineering in association with Indian patents office under the flagship of Kalam Program for Intellectual Property Literacy and Awareness (KAPILA) and National Intellectual Property Awareness Mission (NIPAM) programme, an initiation of Ministry of Education's

Innovation Cell (MIC) and All India Council for Technical Education (AICTE), Government of India. The seminar was an initiative to create awareness about IPRs, especially patents and copy rights among faculty members, to guide researchers/inventors in respect of patenting their inventions & to provide insight into practical applications of IP such as patent drafting, patentability search and freedom to operate search, validity/invalidity search, and evidence of use analysis. Around 100 participants attended the seminar through online mode. Participants were welcomed by moderator Ms. Neha Anand at 11.00 am. The seminar was commenced with a prayer to Almighty God. Prof. R K Dwivedi, Principal FoE proposed inaugural address. He expressed his views on the topic "How to





Present the start-ups and Technology Innovation to Potential funders”. He wonderfully explained the topic by connecting it with the story of samundra Manthan. He elaborated the importance of asking Why. On getting the answer of this Why, How comes. This Why and How guide us to proceed a head in the direction of setting a goal and achieving it. He quoted many famous start-ups and how they came into existence. He encouraged the participants to develop interest in the area of innovations. Hon’ble Vice Chancellor, TMU Prof. Raghuvir Singh elaborated on “Intellectual Property Rights: Significance for Career Researcher. During his address he emphasized the importance of IPR and its relevance in these times and its necessity for the advancement in research and development in India. He stated that it is never too late to start a good thing. One need to be firm enough. Problem is only 10% and 90% is how we respond to it. There lies the problem in the world but there is nothing which does not have a solution. We need to have creativity and problem-solving skills which lead us in the direction of Innovation. President Institution's Innovation Council -TMU & Associate Dean Prof Manjula Jain provided her valuable insights on the topic ‘Role of IPR in Innovation Management for Academia Industry Collaborations’. She narrated the story of royal courts and their Navratana. She talked about their intellect and connected it with IPRs. In the modern world, intellectual property rights have a significant influence on international trade and indigenous trade of every nation. With the advent of digitalization, there are high chances of creative ideas being stolen by any third party, without any prior permission. The importance of intellectual property protection fluctuates in a different part of the world. Almost every country which depends on international trade is taking strong measures to protect their intellectual property rights. Strong IP laws make a huge contribution to both the overall economy of the country and their respective state. Intellectual Property rights have added the intrinsic value to all kinds of products, as unique creation and ideas are becoming a more and more important aspect of any business. The resource person Mr. Raj Kumar Meena provided his deep insights on Intellectual Propriety Rights. He opined, “Ideas give us innovations in science. Ideas give us the impetus to make the world better for everyone. Ideas give us the power and the means to overcome Without ideas, we would be nowhere. We would have no inventions, no morals, no beliefs. No one would dream, to be successful, or even have hope. A lot of ideas are what make us human. In many ways, they help make up the backbone for our lives. Where would we be without our spine? we’d be dead and/or immobile. Without ideas, humanity would’ve either died out already or would be at a stalemate. Ideas can, indeed, be quite intoxicating, whether they are good ideas or bad ones. They invoke strong passions and spark revolutions. He discussed, in details, about patent, their drafting, their filing part, their publication procedure. He explained about copy rights and trade mark. He provided all the details related to the title of the seminar be it small or big. Dr. Aditya Sharma, Registrar TMU extended heartiest congratulations and rendered his blessings for the success of the event. The seminar was concluded at 1.30 pm with a vote of thanks by Dr. Vipin Kumar. The seminar was highly informative to students, teachers and research scholars. Faculty and students from other departments, colleges, universities and research institutes from different parts of India participated in the seminar. Thus, seminar provided valuable awareness and insights on the various aspects of IPR.

GOSWAMI TULSIDAS JAYANTI

The birth anniversary of Goswami Tulsidas Ji was celebrated on 04 August, 2022 in LT-2, College of Computing Sciences and Information Technology-CCSIT, Teerthanker Mahaveer University, Moradabad. The program was inaugurated by Director and Principal of FoECS, Prof. Rakesh Kumar Dwivedi by lighting the lamp and garlanding the photo of Goswami Tulsidas Ji. This program was organized with the aim of making all the people of the society better their lives by learning from the life philosophy of Goswami Tulsidas ji and his immortal creations. All the faculty and staff members present on this occasion bowed down to Goswami Tulsidas Ji by remembering him passionately. Prasad distribution was also done at the end of the program. The program was anchored by Dr. Sonia Jayant, Assistant Professor, Department of Humanities. FOECS Director and Principal Prof.

Rakesh Kumar Dwivedi, while remembering Goswami Tulsidas ji, discussed in detail about his philosophy of life. He said, Tulsidas ji had a vision of God. Lord Shri Ram had immense grace on him. All the compositions of Tulsidas ji have only one theme - devotion to Maryada Purushottam Lord Shri Ram. Tulsidas ji presented his devotional spirit in melodious songs. There is a wonderful balance of tone and volume in all of his verses, soratha, couplets, chaupaiyan, etc. that teach us that if we establish balance in our life,

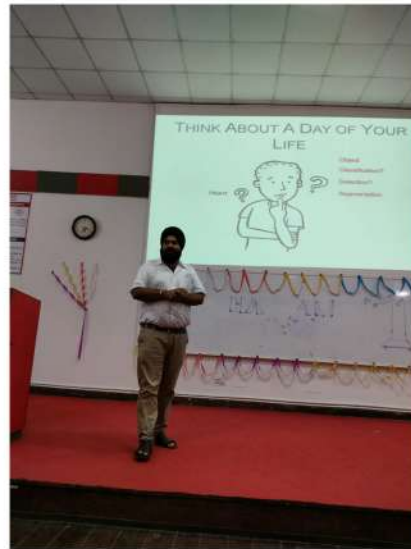
then all problems can end automatically and our life also becomes beautiful. could. Prof. Dwivedi said, Tulsidas ji's compositions are a source of inspiration in themselves, which are very beneficial in the development of human personality. Maryada Purushottam Shri Ram is the ideal of everyone who proves that even by staying in dignity, we can overcome the difficulties of life. Goswami Tulsidas ji connected the entire human race with the ideals of Shri Ram through Ram Bhakti.



Prof. Dwivedi, while paying tribute to Sant Shiromani Tulsidas ji for inspiring the entire human race through Shri Ramcharit Manas, extended his warm wishes to all on Tulsidas Jayanti. At the end of the program Dr. Sonia Jayant expressed gratitude to all.

SESSION ON COMPUTER VISION USING OPENCV

A Session has been organized on "Computer Vision using openCV". which has been taken in two parts. In Part 1 (17-08-2022) Mr. harjinder Singh covered the basics of image processing using opencv library. He discussed the various algorithms for edge detection, brightening the images, corner detection algorithms, face detection, Number plate detection. he also demonstrated the use of Open cv library by applying various algorithms on images. The demonstration also includes the use of Deep Learning in object detection using ANN, CNN models. In part 2 (20-08-2022), Mr. Rupal Gupta demonstrates some of the practical hands on with Deep face library, media pipe library and streamlit. It was completely a practical session.



SESSION WITH INNOVATION AND START UP ECOSYSTEM ENABLERS FROM THE REGIONAL LEVEL

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD
INSTITUTION'S INNOVATION COUNCIL (IIC)
FACULTY OF ENGINEERING

is organising
SESSION WITH INNOVATION AND STARTUP ECOSYSTEM ENABLERS FROM THE REGIONAL LEVEL

Speaker
MR. MAHENDRA GUPTA
Chief Executive Officer
Institute Incubation Foundation

Jointly supported by:
MCCY, CoA & AIES Engineering College, Ghazipur

Join on Zoom
Meeting ID: 853 436 4419 | Passcode: Innovation

Aug 17 (Wednesday), 2022 | 11:00 AM onwards
Participants will get an E-certificate

Objective :To create awareness amongst the students on Innovation Ecosystem by transforming new ideas into reality through access and financial investment and on how to create the ecosystem.

Report: Under the Aegis of "The Ministry of Education Innovation Cell", Government of India and Institution Innovation Cell of Teerthanker Mahaveer University organized Online Session titled "Innovation and Start up Ecosystem Enablers from the Regional level" on 17 August 2022.

Mr Pradeep Kumar Verma, Host of the event, welcomed Dr. Manjula Jain, Associate Dean Academics, President IIC, TMU, Moradabad and Dr. Gitanshu, Convener IIC, TMU, Moradabad and other internal members of IIC, TMU and invited Dr. Manjula Jain to speak few words regarding the event. Dr. Manjula Jain,



President IIC-TMU and Associate Dean gave introductory address and described about the importance of Innovation and Start-ups. The resource person for the program was Mr Mahendra Kumar Gupta, Founder, Udyamita Sanskar Foundation, CEO-INurture Incubation Foundation (a not-for-profit technology business incubator) Jointly Supported by: MeitY, Gol & ABES Engineering College, Ghaziabad, addressed the gathering and delivered different key points about Start-up ecosystem. Mr Gupta discussed innovation ranking, Global entrepreneurship Index 2019, India's 100 Unicorn. He briefed about innovation-Startup & entrepreneurship ecosystem, cash flow quadrant and differentiated between tradition business and startup. He also discussed how to launch a start-up. A total of No. of 100 Faculty members, Research Scholars and Students participated in the Online Session and got benefitted. During the session, there was a healthy interactive session by clarifying doubts of the participants regarding innovation and Start-ups. Key highlights of the session: •How to develop business funding •Generating funds through sponsors, market •How to expand existing business •Thorough study of all resources before starting business or entering market Mr Pradeep Kumar Verma, hosted the session and proposed vote of thanks.

REPORT ON ESSAY COMPETITION TO CELEBRATE “AZADI KA AMRIT MAHOTSAV”

To celebrate 75 years of Indian Independence “Azadi ka Amrit Mahotsav”, Faculty of Engineering Organized Essay Competition on 17.8.2022 at in LT2. Students of various Institutes/ Departments of TMU registered for the event. Topics for Competition were: (1) Pre-India: India Before the Rule of the United Kingdom, Transformation Brought by the British in India (2) Famous Indian Freedom Activists (3) Indian Economy Under British Control (4) Women's Contribution to India's Independence (5) Independence Day Victory (6) All British Rulers have different Mindset. The participants showed up their knowledge about Indian History, Various Freedom activities, Women's Contribution in India's Independence, Independence day Victory and about different mindsets of British victories. Total 55 students participated in the event. The competition was to encourage students to enhance their thinking and writing skills and to judge knowledge India. The essays were judged by Ms. Neha Anand, Ms. Indu Tripathi and Dr. Sonia Jayant (Faculty of Humanities Department). The toughest job for the judges was to find out winners for the completion but few participants were chosen as they put their efforts and hard work to be the winner.

Prize Distribution was held at 3 PM in LT2 on same day. First prize was given to Leeza Chauhan, BCA(A) 2nd year and Labiba Ali, BCA CTIS 2nd year. Second prize was given to Khushi Chahal, B.Sc. Math 3rd year. Third-prize was given to Anjali Tyagi.



REPORT ON 5 DAYS FDP ON RECENT TRENDS IN ENGINEERING & TECHNOLOGY

5 days FDP was organized on Recent Trends in Engineering & Technology in LT5 from 18 Aug to 24 Aug 2022. On day 1 Dr. Rohit Gautam delivered the lecture on topic Tribological studies on Copper Based Composites, He narrated that Due to rapid advancement in the new technologies in last decade, and the demand of high strength, low cost material for tribological application pushed the researchers for exploration. Copper has excellent electrical and thermal conductivities, high ductility, and ease in machining, supreme corrosive resistance, cheaply available at moderate price. These inherent characteristics

attract the researchers for investigating the copper-based material for high strength tribology application material. However, on the contrary, it is a soft material with low hardness having poor resistance towards wear, low tensile strength. These features restrict the use of copper as a sole material in advance tribo applications. Copper has been observed by the several researchers to show severe plastic deformation and abrasive wear due to its low hardness and low strength. Graphene oxide and MoS₂ are the 2D materials, which has similar structure and properties, because they form shear junctions at the interface easily sheared off. MoS₂, a widely accepted solid lubricant which have lamellar structure with the tendency to form thin lubricous film easy to shear at the interface causes low friction and wear. Graphene is another potent solid lubricant which have layered structure containing of sp²-hybridized carbon atoms. Many researchers have a strong view to use it in tribo applications because it has some exceptional mechanical properties and low shearing ability. Owing to super-specific strength and large specific surface area it ensures upright properties as well as formation of good interface with reinforcement with in the matrix and thus it facilitates the great extent of transfer of load and also improves the toughness. However, 2D based materials are sensitive to processing parameters like consolidation pressure, sintering temperature, processing technique, etc, which has been highlighted in some of the recent studies. Effect of sintering temperature (850 °C to 1050 °C) on the microstructure, mechanical and the tribological properties on Ti-6Al-2Sn-2Zr3Mo1Cr-2Nb-Si alloys reinforced as Graphene Nano Plates were synthesized by spark plasma sintering (SPS) route. Sintering temperature plays a vibrant role to determine the microstructures, thus the mechanical and tribological properties are also governed by this. GNPs/Ti6Al4V composites via SPS route, and they also reported that the composites form a strong interfacial bonding and shows an optimum balance between ductility and strength. Studies on mechanical properties of plasma treated graphene/copper composites, found that graphene and Cu matrix shows good interfacial bonding causes effective load transfer and hence the mechanical properties has improved. Effect of increase of preparation temperature of the graphenenanosheets reinforced in metal matrix composites by discharge plasma sintering technology. It was reported that, preparation temperature has a pivoted role in deciding the governing mechanism owing to these mechanical properties of GNPs/Al composites increases. Effect of sintering temperature on the microstructure and mechanical properties on the Ti based composites containing 0.6 wt.% reduced graphene oxide (rGO) sheet prepared by using discharge plasma sintering technology. sintering temperature of the composites increases relative density and compactness of the composites are showing a better improvement and sintering temperature also plays a vital role in the local as well as in the grain boundaries distribution of rGO in the synthesized composites.

On day 2 Dr.Gopal Gupta, gave the lecture on topic Advanced Topics in Statistical Learning. DrGopal very nicely presented the basics of R programming tools for analysing a large sample of data. On day 3 Dr.PankajGoswami, gave lecture on Concepts of AI in emerging technology. During his session, DrPankaj Kumar Goswami explained the Artificial intelligence. He addressed that Artificial Intelligence is defined as the ability of a digital computer orcomputer-controlled robot to perform tasks commonly associated with intelligent beings. AI is also defined as, "An Intelligent Entity Created By humans" Capable of Performing Tasks intelligently without being explicitly instructed. Capable of thinking and acting rationally and humanely. A layman with a fleeting understanding of technology would link it to robots. he would say that Artificial Intelligence is a terminator like-figure that can act and think on its own.



can we be sure it can continue to behave that way? We can base the human-likeness of an AI entity on the: Turing Test The Cognitive Modelling Approach The Law of Thought Approach The Rational Agent Approach Dr Goswami concluded his session with the note that every technology , now needs an active incorporation of AI. On day 4 Mr. Pradeep Kumar Verma, gave lecture on Entrepreneurship. He shared various achievement of TMU in the field of Entrepreneurship and various initiatives of IIC. He also shared the details of Internal and external Hackathone. On day 5 Dr. Mukesh Kumar, Mathematical model of cryosurgery of prostate cancer, he narrated an interactive tool to assist in cryoablation therapy through computer modeling, simulation, and visualization. He also told about CryoSim, a software package, accepts a set of acquired and processed three-dimensional ultrasound images, then models heat diffusion (formation of the iceball) based on numerical approximation of the heat equation and knowledge of the thermal properties of the underlying tissues. He said Results of cryoexperiments were found to be significantly similar to those generated by CryoSim. Therefore, CryoSim provides a viable technique for predicting the outcome of cryosurgery, and establishes a platform for future automation of cryosurgery. On Day 6 Dr. Sunkalp Goyal, gave lecture on Nano Structure Materials. Program was coordinated by Dr. Gulista Khan , Dr. Vipin Kumar, Mr. Prashant Kumar and Ms. Neha Anand.

FDP- FCCMI (22 TO 26 AUGUST 2022)



The FDP entitled as “Foundation of Cognitive Computing: Machine Intelligence (FCCMI-2022)” has successfully completed on date August 26, 2022 and accomplished its goal. Speakers from reputed Universities were invited to share their knowledge on a variety of domains such as- Medical Imaging, Wireless Sensor Network, Natural Language Processing, Speech Processing and Cloud Computing. The speakers presented core concepts of related domains to build understanding and then linked it with current research advancements and opportunities. The FDP was beneficial for the understanding of Machine Cognition and its applications using Machine Learning and Deep

earning. Our faculties, research scholars, post graduate and undergraduate students have participated enthusiastically and have taken maximum benefit from it. The FDP focuses on Cognitive Systems that sits at the intersection of computer science, linguistics, philosophy, and psychology. It is the study of the systems that enable people to think, and can help artificially in human decision making process. The advantage such systems are an advanced level of artificial systems in which something like cognition is accomplished. The entire designed FDP, covers most important and in-demand scientific work of the 21st century that governs every organization, business, and government is hoping to benefit from. The aim of the FDP is enable faculties, scholars and students to understand characteristics of data and utilizing them for knowledge representation. As data never speak for themselves the tools (ML and DL) and techniques will help to design effective cognitive systems for the use of common people. As a learner, the FDP provides hands-on research experiences that will equip you to work at the outer limits of scientific understanding, pushing to increase knowledge of those aspects of human nature that have proved most resistant to scientific explanation. FDP Coordinators: Prof. (Dr.) Saurabh Kumar Srivastava Dr. Namit Gupta

MACHINE TRANSLATION

The goal of Speech to Speech Machine Translation (SSMT) is to take as input speech in one language and automatically ‘dub’ it to generate as output, a translated sentence with the same meaning spoken in another language. The presentation covered the project related to speech that explored if MT preserves the intent of the sentence to maximum what extent. This will mean analysing the model’s output on original text in a language and a translated version . The entire presentation covered the basics of Speech Analysis,

the model's output on original text in a language and a translated version. The entire presentation covered the basics of Speech Analysis, Machine Translation, and Text to Speech module. The results were discussed related to analyse the transferring capability of the speaker intent across in SSMT and truly 'complete' the goal of translation. The presentation covered the basics of Machine Learning, Natural Language Processing and basics of Machine Translation concepts. Prof. (Dr.) Saurabh Kumar Srivastava



The poster features logos for TMU Business Incubation Centre and the Institution's Innovation Council (IIC) at Teerthanker Mahaveer University, Moradabad. It includes a portrait of Dr. Kalyana Chakravarthi Thirunagari, the speaker, and details about the session on August 22, 2022, at 11:00 AM onwards. The session is organized by the Faculty of Engineering and offers an e-certificate to participants.

REPORT ON SESSION ON LEAN START - UP & MINIMUM VIABLE PRODUCT / BUSINESS ”

Objective: To make the participants aware about the idea of Lean startup. **Report:** Under the Aegis of “The Ministry of Education Innovation Cell”, Government of India and Institution Innovation Council, Teerthanker Mahaveer University organized Online Session titled Lean Start-up & Minimum Viable Product/Business on 22 August 2022. Mr Pradeep Kumar Verma, Host of the event, welcomed Dr. Manjula Jain, Associate Dean Academics, President IIC, TMU, Moradabad and Dr. Gitanshu, Convener IIC, TMU, Moradabad and other internal members of IIC, TMU and invited Dr. Gitanshu Jain to speak few words regarding the event. Dr. Gitanshu, Convener IIC-TMU gave introductory address and described about the importance of Innovation and Start-ups. The resource person for the program was Dr. Kalyana Chakravarthi Thirunagari, Chief Advisor & Co-Founder, Startcore Technologies & Visiting, Professor & Coach – ELT, Hyderabad, addressed the gathering and delivered about different key points about Lean Start up and MVP. Minimum Viable Product or MVP is a development technique in which a new product is introduced in the market with basic features, but enough to get the attention of the consumers. The final product is released in the market only after getting sufficient feedback from the product's initial users, He said. The speaker briefed the attendees about meaning of start-ups with examples and the methodology to be adopted for lean start-ups. He also explained the difference between Minimum Viable Product and Minimum Marketable Product with the help of example of Facebook & Amazon. He also discussed about Mumbai dabbawalla. Since 1890, Dressed in white outfit and traditional Gandhi Cap, Mumbai Army of 5,000 Dabbawallas fulfilling the hunger of almost 200,000 Mumbaikar with home-cooked food that is lug between home and office daily. For more than a century our team have been part of this grime-ridden metropolis-of-dreams. Dr Kalyan also took a case study about ID Venture owned by P C Mustafa. ID Fresh foods is a food products company based in Bangalore, India. The company manufactures a range of fresh foods including Idly/Dosa Batter, Parotas, chapatis, curd, and paneer. A total of No. of 100 Faculty members, Research Scholars and Students were participated in the Online Session and got benefitted. During the session, there was a healthy interactive session by clarifying doubts of the participants regarding session theme. Mr Pradeep Kumar Verma, hosted the session and proposed vote of thanks . **Outcome:** Learning Outcome: The participants were able to understand about the concept of lean up start-up, the relevance of the methodology of lean start-ups and got aware about Minimum Viable Product and Minimum Marketable Product.



CISCO ITN V7.0 FACULTY DEVELOPMENT PROGRAMME (FDP)

Six week Faculty Development Program on 'Computer Networking (CCNA ITN v7.02)' was organised by College of Computing Science and IT, Teerthankar Mahaveer University, Moradabad from 24th August 2022 to 30th September 2022. The FDP was initiated with an inaugural session on 24th Aug 2022 in specialised NVDA Lab. The keynote address was delivered by Prof (Dr) R K Dwivedi (Principal, CCSIT, TMU). In his address he highlighted the need of organising the FDP under Cisco Networking Academy of TMU. He said that to enrich the faculty members and to give them more practical exposure towards the networking domain such an FDP was essentially required. He highlighted the fact that our institution is successfully running Cisco Networking Academy since 2010. He appreciated the efforts of Dr Priyank Singhal for being the certified trainer of Cisco and the coordinator of academy for this achievement. The teachers should have burning appetite for learning then only they can deliver their best to their audience. With these words he wishes success to all the participants of FDP. The trainer and coordinator of FDP, Dr. Priyank Singhal in his address gave exposure to the participants about the details of the Cisco Networking Academy learning portal, the course content and the simulation tool Packet Tracer. He said that the FDP will help participants to learn how the latest concepts in networking can be applied practically and what all domains are available for career building once anybody gets connected to Cisco Learning Platform. He focused that the area of networking is evolving at faster pace. The latest concepts and technologies like Cloud Computing, Fog Computing, Programmable Networking, Cyber Security and many more have their roots connected to Computer Networks. During the FDP, the participants completed the Cisco Certificate Course - ITN v7.02, in which there were 17 modules. The structure and curriculum of this course was very well arranged and gave complete theoretical and practical knowledge, anyone can learn from it using proper guidance from the instructor on Cisco Networking Academy platform. Dr. R K Dwivedi conveyed his blessings and appreciation to the participants for successfully completing the FDP .



FACULTY DEVELOPMENT PROGRAM ON EMERGING TECHNOLOGIES

Speakers

Title: Nvivo Tool Description of talk: Nvivo Tool is used for qualitative and mixed-methods research. Specifically, it is helpful for the analysis of unstructured text, audio, video, and image data. Used for the analysis of interviews, focus groups, surveys, social media, and journal articles. Use Case: Sentiment Analysis, Customer's Product Reviews, Hate Speech Detection and many more. Speaker Name: Mr. ANIL SHARMA Organization: CCSIT TMU Email Address: anil.computers@tmu.ac.in Biography of Speaker:



Mr. Anil Sharma is working as Assistant Professor in College of Computing Sciences & IT, Teerthankar Mahaveer University, Moradabad, India. He holds BTech and MTech in CSE from Maharishi Dayanand University and Netaji Subhas University of Technology Delhi. He is pursuing PhD degree

in Computer Science & Engineering from Guru Gobind Singh Indraprastha University, Delhi, India. He has an experience of 3 years in IT industry as ERP consultant and more than 10 years as academican. He has published and presented 31 research papers in reputed international journals and conferences. He has authored one book on Information System Management and holds three Indian patents. He is a reviewer for reputed Scopus, Web of Science and SCI journals International Journal of System Assurance Engineering and Management (Springer), International Journal of Intelligent Computing and Cybernetics (Emerald Publishing), IET Collaborative Intelligent Manufacturing (Wiley Publication), Journal of Sensors (Hindawi), Journal of Intelligent & Fuzzy Systems (IOS Press), International Journal of Services, Economics and Management (InderScience) and many more. He is a member and reviewer for professional body Internet Society Delhi Chapter. His research interests include natural language processing, artificial intelligence, big data, rough set theory, information retrieval and semantic web technologies.



IIC REGIONAL MEET 29 AUGUST 2022

VENUE: DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW





IIC Teerthanker Mahaveer Universty was invited and nominated for participation at IIC Regional Meet at Dr. APJ Abdul Kalam Technical University, Lucknow, Uttar Pradesh on 29th August 2022. IIC poster of activities, events and achievements were displayed in the Poster gallery. The meet was attended by Dr. Geetanshu Dawar, Convener IIC-TMU, Pradeep Kumar Verma Assistant Professor FoE, Rajendra Prasad Pandey Assistant Professor CCSIT. IIC-TMU was called for IIC poster presentation and NISP presentation. All the members registered for the program and attended the inauguration ceremony. The Inauguration ceremony was graced by distinguished dignitaries like Dr Abhay Jere, Chief Innovation Officer, AICTE, Dr Deepan Sahu, Assistant Innovation Director, Ministry of Education, Dr Pradeep Mishra, Vice Chancellor, AKTU. After lighting of lamp, the dignitaries shared their insights on innovation, entrepreneurship. They threw light on various schemes of IIC such as NISP, YUKTI, ARIIA, KAPILA. In a very short span of time, the Institutions Innovation Council (IIC) has become a successful model for HEIs to build, streamline, strengthen and drive campus innovation and startup ecosystems in India. Moreover, the IIC network has turned out to be instrumental in building intra and inter-institutional partnership and cooperation which has sped up the IP generation, innovation and startup outputs from academic institutions by improving I&E awareness level, trained human resource and pre-incubation/incubation facilities in HEIs. Citing India has ranked 46 in the Global Innovation index and 3rd largest country with HEIs next to USA and China, he was very enthusiastic about the growth of India in the field of Innovation and startup. Dr Sahu highlighted on the importance of Amrit Kal in our country and contended that we need to be more focused towards skill based development rather that accumulating degrees. He was steer clear about the action oriented focus of the IIC and insisted that a robust networking can only make us successful. The inaugural function was also graced by Dr Abhay Jere, Chief Innovation Officer. Dr Jere was quite focused about the objective of IIC, NISP. He expressed his concern for the risk of low quality innovative work and warned the gathering against this. He made his point clear that while recommending a project, an idea, we should be more responsible about the feasibility of the project. Professor Pradeep Kumar Mishra, Vice Chancellor, AKTU was also present in the inauguration ceremony. He encouraged the students and faculty members for creating a platform of original thinking, and collaborating environment. The meet was attended by Government and non government colleges across North region. IIC convenors, startup founders, innovators, faculty members from various institutions were gather in the meet. The meet proved to be an eye-opener for the delegates,

“PRESENTATION OF START-UPS DEVELOPED & LINKAGE WITH INNOVATION AMBASSADORS” DATE: AUGUST 31, 2022

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD
INSTITUTION'S INNOVATION COUNCIL (IIC)
FACULTY OF ENGINEERING

is organising
Session on

“Presentation of Start-ups
developed & linkage with
Innovation Ambassadors”

Speaker

Mr. Rajendra Prasad Pandey
Founder
Gavya GauMitra Pvt. Ltd
Govt. of India Recognized Startup

Venue LT-2 FoE

Aug 31 (Wednesday), 2022 | 2 PM Onwards
Participants will get an E-certificate

Objective: To enlighten students and faculties about Start-up Journey with the moto of from waste to wealth. Under the Aegis of “The Ministry of Education Innovation Cell”, Government of India and Institution Innovation Council, Teerthanker Mahaveer University organized Online Session titled Presentation of Start-ups developed & linkage with Innovation Ambassadors on 31 August 2022. Mr Pradeep Kumar Verma, Host of the event, welcomed Dr. Manjula Jain, Associate Dean Academics, President IIC, TMU, Moradabad and Dr. Gitanshu, Convener IIC, TMU, Moradabad and other internal members of IIC. The resource person for the program was Mr Rajendra

Prasad Pandey Founder, Gavya GauMitra Pvt. Ltd, Govt. Of India Recognized Start-up (<https://www.gavyagaumitra.in>) delivered a talk on “Presentation of Start-ups developed & linkage with Innovation Ambassadors” on August 31, 2022. Gavya GauMitra Private Limited, established in the year 2021 is a company of trustworthy and strong fair business

values. They have been meeting supplies relating to many varieties of Dhoop Cones, Cow Dung Diya, Cow Dung Religious Coin etc. They deliver an array of amazing quality products keeping the religious values in our mind nationwide. Operating from Moradabad, Uttar Pradesh the organization have become one of the known names for our products because of its quality handling. Their experts are working hard towards internal and outside business events with high piety. They keep on maintaining friendly relationships with our customers and keep them capable of the delivering variance of the range. Their business unit, supplies the product line at very accurate pricing. As a quality policy, They deliver customer completion to the highest level and supply quality products. Also, we believe in developing long term relationships with our clients over limpidity easy & moral business practice.

USP	Company's Products
<ul style="list-style-type: none"> ☒ HiCustomer-centric approach ☒ Timely delivery ☒ Strong logistic approach ☒ Exceptional warehouse facility ☒ Competitive pricing policy ☒ Severely adhere to the quality assurance parameter ☒ gh-quality products 	<ul style="list-style-type: none"> ☒ Cow Dung Dhoop Cones ☒ Colored Cow Dung Diya ☒ Cow Dung Diya ☒ Cow Dung Powder ☒ Cow Dung Religious Coin ☒ Sambrani Cup ☒ Gavya Guamitra Panchagavya Dhoop Cones ☒ Gavya Guamitra Sambrani Cup

Gavya GauMitra Private Limited also provides training to learn about making the Cow Dung Products such as manure, papers, shampoos, toothpaste, shaving creams, teas, incense sticks, sunscreens, face washes, and bio fertilizer's cow dung cakes, diyas, and flower pots. Based in Moradabad, Uttar Pradesh (India), They are offering affordable and cost-effective services for their clients. This session was conducted under Institution's Innovation Council (IIC) and the main aim was to encourage students as well as faculties for start-ups. IIC is MHRD initiative which will play an instrumental role to drive innovation and start-up ecosystem at campus. More than 100 students and faculties were participated. Learning Outcome: The participants were able to understand the journey of start-up.

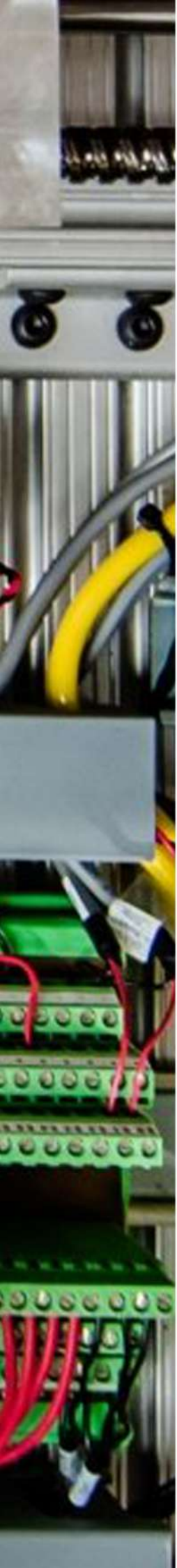
05-09-2022 - DASLAKSHAN MAHAPARV, CCSIT



Uttam Sanyama Diwas was celebrated on sixth day of Paryushan festival at TMU Auditorium by CCSIT. Teerthanker Mahaveer University, Moradabad's College of Computing Sciences and Information Technology-CCSIT organized Uttam Sanyam Diwas celebrations on the sixth day of Paryushan Parv on 05-September, 2022. Uttam Sanyam Diwas celebration organized at TMU Auditorium were inaugurated by TMU Honorable Chancellor Shri Suresh Jain, GVC Shri Manish Jain and FoECS Director and Principal Prof. (Dr.) Rakesh Kumar Dwivedi,

First Lady Mrs. Bina Jain, Mrs. Richa Jain, Mrs. Ritu Narang, Mrs. Vidhi Jain, Head of Department Prof. Ashendra Kumar Saxena, Proctor Dr. Shambhu Bhardwaj, cultural coordinator of Paryushan Parv Mr. Aaditya Jain by garlanding the statue of Goddess Saraswati and lighting the lamp in the dignified presence. While on the one hand the students won the hearts of all with the enchanting dance performance of the invocation, on the other hand, the students tied the knot through group dance on many religious





DASLAKSHAN MAHAPARV

songs. During the short play "Bhakti Ki Shakti", the students mesmerized everyone with the spirit of devotion with a very fine performance of their theatrical art. Naman Jain of BTech-CS II year, who played the role of Maharaja in the short drama Bhakti Ki Shakti, and Arpita Srivastava, BTech-CS first year, who played the role of Princess Maina Sundari, were adjudged the best performer. It was anchored by Prachi Jain of BBA II year and Ananya Mathur of BCA II year. Director and Principal, FoECS, Prof. Rakesh Kumar Dwivedi, while welcoming everyone, told about the many characteristics of Jainism and its followers. He said that even though Jain religion followers are few in number in India, they have a huge role in making India prosperous. They have a very important contribution in the economy of India. Their literacy rate is around 94 percent. Jains live life in the spirit of co-existence. Prof. Dwivedi said, Daslakshana Parv shows us the true way of living life. Today, on the sixth day of Paryushan Parv, on the best abstinence day, we all should take a pledge of restraint in our lives. With patience we can make our life successful. He wished everyone a very happy and prosperous Paryushan parv. The short drama Shakti of Bhakti was based on Princess Maina Sundari's unwavering devotion to God, whose story is as follows - A king had two daughters, Maina Sundari and Sur Sundari. Maina Sundari believed in Jainism whereas Sur Sundari never believed in the principles of Jainism. The king asked his two daughters about the marriage and said that he would get the same bridegroom as he wanted. Sur Sundari nodded yes to her father. Maina Sundari said that the bridegroom which is in my destiny, he will get it. On this the king got angry and asked his minister to find a patient groom for Maina Sundari. The ministers found out that King Sripal had become leprosy and was in the forest giving the palace to his brother. There were 700 other people with him. They were also lepers. The king got Maina Sundari married to King Shripal. However, the king later repented. She started serving her husband, King Shripal. One day she went to a Jain temple and met Maharaj there. When she told him about her husband, Maharaj said that this is the result of the deeds of previous births. King Shripal had spit on the Jain monk, that is why he had become leper. Then Maharaj told the method of Siddha Chakra Mahamandal Vidhan. Maina Sundari performed this ritual faithfully. The ritual water was sprinkled on King Sripal and his companions. On the eighth day all 700 people including King Shripal became disease free. Later, King Shripal also won his royal palace by fighting. He told that women do not get salvation in Jainism. He has to come in the form of a man, then he attains salvation. In the process Maina Sundari attained salvation. The members of the jury - Mrs. Ritu Narang and Mrs. Vidhi Jain, declared B.Tech-CS II year Naman Jain, who played the role of Maharaja, and Arpita Srivastava of B.Tech-CS 1st year who played the role of Princess Maina Sundari. Selected Performer as best performer. Mudit Jain, Naman Jain, Anshika Jain, Prashuk Jain, Shachi Jain, Arpita Srivastava, Chirag Jain, Samyak Jain, Anant Jain, Mayank Jain, Lakshya Jain, Mayank Jain, Charitra Jain and Daksha Jain played a very important role in the power of devotion. During the invocation Sonal Jain of BTech-CS (AI-ML-DL) third year, Ananya Jain, Shraddha Jain of BTech-CS (AI-ML-DL) final year and Divyanshi Jain and Riddhi Jain of BTech-CS first year performed and won everyone's heart with a scintillating dance performance. Trupti Jain, Sonam Jain, Yashvi Jain, Divya Jain, Ashwini Jain, Vidushi Jain, Anvi Jain, Yashi Jain, Hirdesh Jain, Divyansh Jain, Arjav Jain, Abhinav Jain, Sambhav Jain, Adarsh Golcha, Aadi Jain, Rishi Jain, Ayush, Nipur, Anant Jain, Amitesh and Bhumi Jain tied the knot. Yashi Jain and Aastha Pandey of B.Tech-CS II year and Piyush of BCA II year enthralled everyone by singing melodious songs on Na Koi Hai Na Koi Tha Zindagi Mein Tumsere Siwa Mere Guruvar... Arjav Jain, Arihant Jain, Aniket Jain and Paras played an important role in technical cooperation. At the end of the program, Mr. Aditya Jain, Cultural Coordinator of Paryushan Parv expressed his gratitude to all. On this occasion, Anchoring and Stage Coordinator Dr. Sonia Jayant, Mrs. Nikita Jain, Mrs. Shikha Gambhir, Mrs. Humera Akil, Mrs. Maryam Tahira, Mrs. Anu Sharma, Mrs. Swati Chauhan, Mrs. Pragati Jain, Dr. Sandeep Verma, Mr. Rupal Gupta, Mr. Navneet Vishnoi, Shri Mohan Vishal Gupta, Shri Amit Singh, AR, Shri Manish Tiwari, etc., including all the teachers and students were present.



13-07-2022-GURU PURNIMA MAHARSHI VED VYASA JAYANTI



FoECS and iNurture Education Solutions Pvt. Ltd. celebrated Teacher's Day at TMU, Moradabad on 5th September, 2022. Program was started with lamp lightening by Principal & Director Dr. Rakesh Kumar Dwiwedi, HOD Dr. Ashendra Saxena. On this occasion, Director FoECS motivated students by his speech. He told the importance of Teachers in students' life and their duty towards each other. He said that teachers need to take responsibility of students' overall development and not some specific subject only. IT mentor Dr. Himanshu Sharma said that discipline plays important role in students' life and Management Program Coordinator Dr. Neeraj Gogia compared life of teachers with candle, which consumes itself and gives lights to others. Program was hosted by Priyanka from BBA (Brand Management) and Areeba from BCA (CTIS). Students gave wonderful performances in dance, singing, drama and played fun games with teachers. Labiba, Gufrana, Kumkum, Mahi and Manika gave dance performance. Sangeet and Prashant participated in singing. Alisha, Shivang and Sahil palyed drama. Students Coordinators were Labiba, Rishabh Jain, Ilma, Abhishek kr. Shukla, and Keshav Saini. Programme was graced with the presence of Dr. R.K. Dwiwedi, Director and Principal of FoECS, Dr. Ashendra Saxena, Dr. Himanshu Sharma, Dr. Neeraj Gogia, Dr. Shambhu Bhardwaj, Mr. Manish Tiwari, Mrs. Anu Sharma, Mohd. Saleem, Dr. Sandeep Saxena and all faculty members.

TEACHER'S DAY AT CCSIT



ANANT CHATURDASHI PUJA BY FACULTY OF ENGINEERING ELECTRICAL ENGINEERING DEPARTMENT

Electrical Engineering Department, FoE celebrated Anant Chaturdashi puja with full enthusiasm and holistic feel. Professor R K Dwivedi, Director FoECS, Dr Garima Goswami HoD EE and Dr Pankaj Kumar Goswami HoD EC took part in puja. The event was coordinated by Mr Anshumaan Sharma and all Electrical Engineering Department. After puja, sweets (Prasad) were distributed to all members attended the puja. Professor Dwivedi said that for holistic development of students such kind of pious environment is very necessary.



“TWO DAY TALK SERIES ON SUSTAINABILITY” UNDER SAC,IEEE UP SECTION “UP COLLABORATE” INITIATIVE

Title: “Two day talk Series on Sustainability” Date: 11 Sep & 13 Sep Start time:11 AM
End Time:12 PM Type of Event: TECHNICAL Description of Event: The Objective of this event was to make awareness about achievement of Sustainability with IoT and Blockchain Agenda: to make collaboration of Jaypee Institute of Information technology, Noida, under the partial sponsorship of IEEE UP section SSAC committee “UP Collaborate” initiative.

Speakers - 1.Title: Prof Description of talk:Speaker Name: (dr.) Rakesh kumar Dwivedi Organization: CCSIT ,TMU Email Address: principal.computers@tmu.ac.in Biography of Speaker:Prof (Dr.) R K Dwivedi is the Director and Principal of Faculty of Engineering & Computing Sciences, Teerthanker Mahaveer University, Moradabad. He has 25+ years of academic experience. His research interest is in the field of Satellite Digital Image Classification and in Wireless Sensor Networks. He has earned his Ph.D. degree in the area of Digital Image Processing from Indian Institute of Technology Roorkee. Published 22 Patents and more than 100 research papers in high impact indexed journals. He is serving as IEEE Executive committee member in IEEE UP Section-R10 .

Speakers 2.Title: Assistant professor (Sr. grade)Description of talk: Speaker Name: Dr Hema Nagarajan Organization: JIIT ,Noida Email Address:hema.n@jiit.ac.in Biography of Speaker:Dr Hema is Assistant professor(Sr grade) in JIIT,Noida, She has been actively involved in various academic, technical hub and administrative activities during her teaching career. She has guided 8 M.Tech thesis and 100+ Major projects to UG students. She is also faculty advisor for “Microcontroller Based System and Robotics” technical hub.Highlighted projects developed under her guidance mainly includes autonomous system and smart systems like puzzle solving robots, quad-copters, smart homes, sign language interpreter, robotic arm, android mobile phone controlled robotic arm, traffic light simulation, weather data analysis and estimation, Driver Sleep Detection and Warning System, automatic garbage collector and classifier, Robo-Gardner, gesture and voice controlled robots, automated 3-D printer and automated irrigation using various climatic sensors.

Speakers 3.Title: Associate professor Description of talk: Speaker Name: Dr Shalini Ninoria Organization: CCSIT,TMU Email Address: drShalini.computers@tmu.ac.in Biography of Speaker: Dr Shalini Ninoria, She is Associate professor in CCSIT, TMU and having 16 years of Academic and research experience, she is having various research papers published in Reputed conferences and journals.

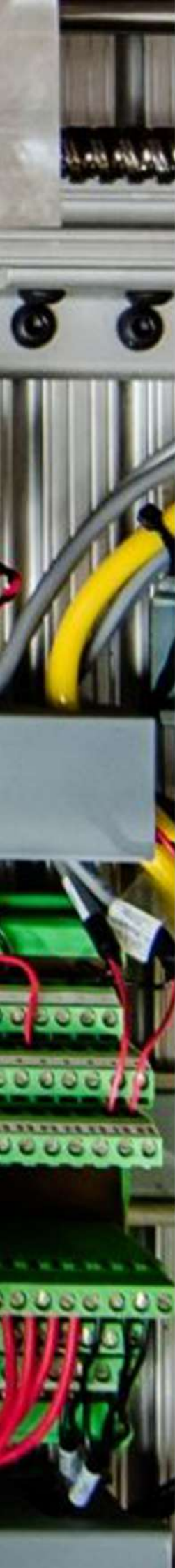
The screenshot shows a Google Meet interface with a grid of participants. The participants visible are:

- Dr. Gaurav Verma
- Nancy Soni
- Dr. Hema Nagarajan
- Sangeet Sharma - Vidiaris
- SHRUTI KALRA
- Apoorv Kaushik
- Navaneesh Mishra
- 73 others

A notification at the bottom left states: "Somya Sethi and Saba Parveen can now join this meeting".

conference on Quality Initiatives in Technical Education'. From 2018-19 Faculty of Engineering has been continually organizing Induction Program as per the guidelines of AICTE we have included various sessions in Induction Program schedule like Yoga, Sports events, Ice Breaking Activities, Interaction with Mentors, Faculty members, Principal, Management officials, Tour to city, Talent Hunt, Poster competition, Cooking competition, Mehndi competition along with refreshers sessions on Ancient studies, Physics, Chemistry and Mathematics and few sessions on new technologies like Big Data, IoT, Cloud etc. On the first day of Induction Program that is on 12th Sep, 2022, Ms. Neha Anand gave the students a warm welcome. She introduced all the mentors with the students. The students were provided with the necessary guidance and were made comfortable by each mentor. They were assured that they could approach any faculty with their query. In the second session interaction with the proctor, exam cell coordinator, women cell Coordinator and AR were executed timely. These Coordinators informed students about the exam ordinance and told about various rules and regulations to maintain the discipline in the campus. Another Session was taken on Scope of Smart Engineering taken by Dr. Rahul Sharma, Assistant Professor in EC Department. He explained students about the current scenario of automation, machine learning, self- assessments and explained the requirements to be a good engineer. On Day 2: 13th Sep 2022 Session on Library rules and Usage was done and it was taken by Dr. Vineeta Jain and her team. Dr. Vineeta explained that the primary purpose of the library orientation is to let students know about the resources that will contribute to their studies. In second Session pre-assessment test of first year students was taken. Questions were related to Physics, Chemistry, Mathematics, and English. The Event was organized by Dr. Varun Kumar Singh and Ms. Indu Tripathi. After it University tour was planned wherein students visited indoor stadium, Jinalaya, university auditorium, e-lobby where different facilities were available, such as food court, ATM, Stationery shops, e.t.c. The students also visited Sewage treatment plants and water harvesting plants. On Day 3: 14th Sep 2022 Dr. Sunkulp Goel took the first session on Nanotechnology in our daily life. The newcomers were made aware by this unique topic. In the series Dr. Diptonil Ban





argee sparked the second session on “Nature Mimicry in Basic and Applied Science.” He explained that the human body is the most complicated laboratory that scientists have dealt with so far. Not only that, nature works so systematically that one of the most sophisticated automation has failed to achieve a similar amount of accuracy. On Day 4: 15th Sep 2022 Principal Interaction were planned along with introduction with all Head of Departments, Dr. Rakesh Kumar Diwedi, Principal of FOE, commenced the session. He warmly welcomed the new students and explained all about college and University. Sir encouraged students to produce a spark in themselves. He further told the key to nurturing the spark in setting reasonable goals, balance, and take it seriously. He further introduced the first-year coordinator and gave a virtual tour of the college and university. In second session, the students played different Ice Breaking activities. They enjoyed playing musical chairs, Balloon human race, Antakshri, and adding an adjective before their names. All the students enjoyed these activities thoroughly. Students gave their full attention and appreciated the session. Day 5: 16th Sep 2022 Fifth day was about the session on Human values was taken by expert. He explained about five central basic human fundamental values are expected of all human beings: Love, Truth, Right Action, Peace, and Non-Violence. This session ended with a positive mindset. Ms. Neha Anand conducted the next session on Positive attitude and teamwork. She explained that Teamwork is the collaborative effort of a group to achieve a common goal or to complete a task most effectively and efficiently. Day 6: 17th Sep 2022 Yoga session was planned on 6th day of Induction. Dr. Manu Mishra & Mr. Prashant Kumar, sparked the session. Dr Mishra explained the students about the importance of Health and YOGA in one’s life. He encouraged students to produce a spark in themselves. Another session on same day sparked by Dr. Garima Goswami (HoD of Electrical Engineering). She explained introduction & importance of electrical engineering. Day 7 On 19th September, 2022, interactive session was delivered by Dr Zareen Farooq, Associate Professor from the Department of Humanities. The students interacted with one another through various activities. The next session on the topic “General Chemistry” was conducted by Dr Varun Kumar Singh. Dr Singh told basics of General Chemistry in which the students took interest. The last session was of ERP session by Mr Puneet Agarwal. The aim of the session was to explain the students with ERP system of the university. Day 8 On 20th September, 2022, the first year students went on a trip to Raza library (Rampur) that is very famous and worth to be visited. The visit was enjoyed by all the students. They stored lots of learning, scenes and memories through this excursion. The students were accompanied by the first year coordinator, Mr Umesh Singh and mentors of respective classes. Parallel activity was planned for students ‘cooking without fire’. Approximately 30 students participated in the same. The five teams participated in making various food items (Sandwiches, Dahi-Bhalla, Clustard, and chocolate stuffing. Day 9 On 21st September, 2022, Dr Purna Gupta, a renowned Doctor and Associate Professor of the Department of Psychiatry delivered (Mrs. India 2021) lecture on ‘Stress Management’. She filled the keenness in the students through her constructive guidance for managing the stress. She advised them how to maintain their work–life balance by keeping some regularity and discipline in their life. Next session was delivered by Dr Asim Ahmad, Professor from the Department of Chemistry on the topic ‘Chemical reactions’. Further in continuation session was taken by Mr Rupal Gupta to make the student familiar about IIC, EDC and SIH. They motivated the students to participate in these on regular bases. Day 10 On 22nd September, 2022, Session was taken by Dr. R.N. Krishnia, Director CTLD on soft skills. In second half Dr Pankaj Kumar Goswami talked on the value added short term courses and told the students about the significance of these courses along with their applicability in their life. Day 11 and 12 23rd and 24th September, 2022 various indoor and outdoor sports events were scheduled by Sports Coordinator Mr Prashant Kumar. Outdoor and Indoor stadium, well-equipped with games facilities fascinated the students. They played indoor and outdoor games of their choices. The groups of the students were made for volleyball, badminton, Table Tennis, cricket etc. All the students performed and enjoyed

“INNOVATION/PROTOTYPE VALIDATION – CONVERTING INNOVATION INTO A START-UP”

DATE: SEPTEMBER 13, 2022

Objective: To enlighten students and faculties about innovation/prototype Validation (How Innovation can be converted into a start-up). Under the Aegis of “The Ministry of Education Innovation Cell”, Government of India and Institution Innovation Council, Teerthanker Mahaveer University organized Online Session titled “Innovation/Prototype Validation - Converting Innovation into a Start-up” on 13 September 2022. Mr Pradeep Kumar Verma, Host of the event, welcomed Keynote speaker Prof. Sarabjeet Singh Bedi, Dr. Manjula Jain, Associate Dean Academics, President IIC - TMU, Prof R K Dwivedi,

, Principal, Faculty of Engineering and participants. The resource person for the program was Prof. Sarabjeet Singh Bedi Professor & Head, Department Computer Science & Information Technology, M.J.P. Rohilkhand University, Bareilly India delivered a talk on “Innovation/Prototype Validation - Converting Innovation into a Start-up. Prof. Bedi started his session with importance of innovation in the success of Start-ups. Due to the high level of competition, demand is fundamental for differentiating ideas. Whether through the introduction of new services, products or processes, either through significant improvements in the existing market. It is increasing the impact of innovation the success of a company, whatever its size. Many people still feel a little lost at the beginning of his journey entrepreneur and do not understand what the importance of innovation and how they can change the course of your business. Innovation is defined as the ability of individuals, companies or even nations to explore ideas of different and successful way adding value to the market, governments and society. Prof Bedi talked about creativity and Innovation. Creativity, is the ability to create. It's about enjoying the mind to manage different ideas. Anyone can be creative, whatever the context in which it is inserted. In a business environment, creativity can help in the task management, performance improvement of the working team and the creation of quality products. Innovation, is to develop business ideas into something useful and practical for society. In other words, it is the process of converting theory into action. And this is where creativity is distinguished from innovation: the action. To be creative, an individual must be able to present new ideas while, to be innovator, this needs to act on those ideas. He also talked about types of innovation. First one Incremental Innovation (or continuity) is the most common type of innovation and it is to find ways to improve products, services or processes that already exist in the market. Here, the solutions are not created from scratch but by introducing small changes to existing ones, focusing on aspects that enhance its value. An innovation Continuity brings less risk to the entrepreneur, however, requires a strategic approach and aimed to ensure that these changes are valued by customers. A good method to get opportunities innovation incremental is conduct a search together customers, identifying what they value most in their products or services and what aspects is that they would like to see improved. Second one Innovation radical (or breakthrough) gives the breach of fundamental principles already adopted in the market for the creation of entirely new markets and industries. That is, a product, service or process never seen before is built from scratch and placed on the market in order to completely replace the previous solutions or responding to a necessity where there was a solution. An innovation Disruptive brings several advantages to an entrepreneur, which highlights its unique participation in a new market leaving its pioneering brand, a considerable increase in profit of the business and its ability to innovate continuously. However, this type of innovation is the most difficult, time-consuming and usually involves a greater financial investment. Prototype solution should be specific, measurable, attainable, Realtime in time line, he added. He talked about checklist of steps from innovation to start-up. Checklist key points are Market research, business plan, decision, working with like minds, choose co-founder wisely, secure appropriate funding, a mentor followed by an accelerated program.



TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD
INSTITUTION'S INNOVATION COUNCIL (IIC)
FACULTY OF ENGINEERING

is organising
Session on
"Innovation/Prototype Validation -
Converting Innovation into a
Start-up"

Speaker

PROF. SARABJEET SINGH BEDI
Professor & Head
Department Computer Science &
Information Technology
M.J.P. Rohilkhand University, Bareilly
Join on 

Meeting ID: 833 5597 0225 Password: Startup

Sep 13 (Tuesday), 2022 | 03:30 PM Onwards
Participants will get an E-certificate



ROLE OF ADMIXTURES IN CONCRETE

Date: 14/09/2022

Department of Civil Engineering organised a one day technical webinar on the Role of Admixtures in Concrete for the students of B. Tech Civil IV, III & II year and Diploma Civil III & II years successfully via MS-Team on 14/09/2022. This webinar started with the welcome speech of Mr. A. K. Pipersenia (HOD, Civil Engg.) in which he welcomed the keynote speaker of the webinar Mr. J. K. Ravi, Technical Manager, Tremco CPG India Pvt. Ltd and Euclid Chemical and Prof. (Dr.) R. K. Dwivedi, Principal, Faculty of Engineering, TMU, Moradabad. He described this meet as one of the industry-academia meets to bridge the gap between academics and the

industry. He said that admixture is an important constituent of concrete added during concrete mixing to modify the specific properties of green or hardened concrete such as workability, durability, or early and final strength. Concrete industry and admixture producing chemical industries like Tremco CPG are working together and achieving new heights by creating value-added innovative products. He asked the students to be attentive and use this opportunity to learn from industry expert. Professor RK Dwivedi, Principal of the college, greeted the guest speaker and applauded the department to conduct this webinar and hoped for more such value-added seminars or workshops in the future for the benefit of our students. He urged the students to get inspiration from the properties of concrete. All constituents of concrete are ineffective individually but when they are put together create a strong bond and do wonders. So students must work together as a team to make a name of the family, institute and nation. This Webinar provided the opportunity to the students to know about the admixtures and their use in concrete. All faculty member of the department Prof (Dr) RK Jain, Mr Ankit Kumar, Mr Siddharth Mathur, Mr Ashish Simalti, Mr Amit Kumar, Ms Nisha Sahal, Ms Nikita Garg and Mr Ankit Varshney attended the webinar. Mr Ankit Kumar presented vote of thanks at the end of the webinar. Ms Nikita Garg conducted the program.

The poster is for a webinar titled "ROLE OF ADMIXTURES IN CONCRETE" organized by the Civil Engineering Department, Faculty of Engineering, Teerthankar Mahaveer University. It features three speakers: Prof. Rakesh KR Dwivedi (Advisor), Er. J. K. Ravi (Keynote Speaker), and Mr. A. K. Pipersenia (Convener). The event is scheduled for 14th September 2022 from 11:00 AM to 12:30 PM. The organizing members listed are Prof. R. K. Jain, Mr. Ankit Kumar, Mr. Ankit Varshney, Mr. Ashish Simalti, Mr. Amit Kumar, Mr. Siddharth Mathur, Ms. Nisha Sahal, and Mrs. Nikita Garg. Logos for TMU, Teerthankar Mahaveer University, and Tremco are also present.

Speakers Title: Role of High-Performance Admixtures in Concrete Description of talk: The keynote speaker, Er. J.K. Ravi, Technical Manager, Admixtures started his talk with the introduction of the Tremco CPG India and its products. Then he described the significance of admixtures and properties of different types of admixtures. He elaborated at length the challenges in concrete technology especially serious compatibility issues between various components within the concrete. At the end he described Euclid Product range of admixtures. He expressed his gratitude for inviting him as keynote speaker. Speaker Name: Er. J.K. Ravi Organization: Tremco CPG India Pvt. Ltd. Biography of Speaker: Technical Manager Tremco CPG (India) Pvt

Ltd. Er J.K. Ravi is a qualified postgraduate in Civil Engineering. He is experienced in the field of construction chemicals for 25+ years. He started the career at DON CONSTRUCTION CHEMICALS as Marketing and Technical and gained experience in the industry by associating with company like CHRYSO INDIA.



ENGINEER'S DAY (15-9-2022):



Guest lectures by two eminent personalities To celebrate Engineer's Day at Faculty of Engineering . Speakers Title: 1.Green building materials 2. Operation and maintenance of Water treatment plants and sewer treatment plants Description of talk: Speaker Name: 1.Er Anurag Agarwal 2.Er Munna Sing Organization:1.Director, Paramparaa Group of companies, Moradabad 2. Retd. Executive Engineer , Jal Nigam, Moradabad Email Address: Biography of Speaker: Image in .jpeg format: Er Munna Singh: 40 years experience in Water Supply and sanitation both,, Execution, operation and Maintenance of Water treatment plants and sewer treatment plants Laying of pipe lines in urban-and rural areas both and Laying of Sewer line in urban areas up to 1800 mm NP3 pip Er Anurag Agarwal: B.Tech in Civil Engineering (1996-2000) (IET, LKO) M.Tech (Building Science & Construction Management) (IIT Delhi)Worked Project Engineer (2001-2003) LURGI-German MNC. Established " National; Infrastructures" for Infrastructre in2008. Built canals/NH-9/SH-35/SH-49/ Joya Toll/City roads. Established Green Building construction-Moradabad in 2018

BLOOD DONATION CAMP REPORT



Teaching, non-teaching staff and students of Teerthanker Mahaveer University, Moradabad donated blood on 18/10/2022 on the birth anniversary of the Hon'ble Prime Minister Shri NarendraModiJi. There was a notable presence of Director of TMU Hospital and Research Centre Shri Vipin Jain and Director of FoECS Prof R K Dwivedi at Blood Donation Camp. On the inauguration of the camp, Mr. Jain said, the students of FoECS have done a noble cause by donating blood. He remembered the slogan of Netaji

Subhash Chandra Bose. Prof.Dwivedi, while talking about the PM's hard work, dedication and patriotism, said, it is a matter of good fortune for our college to have the celebration of Prime Minister's birthday. In the Blood Donation camp, 49 people donated blood and earned great merit. 10 faculty members were also among those who donated blood. out which 09 from FoE, 01 were from CCSIT. Apart from this, 38 students donated blood. Those who donated blood were Tanishk Jain, Arihant Jain, Priyanshi Jain, Ankit Kumar, Nisha Sahal, Prashant Kumar etc.



ALUMNI TALK SERIES "SAMVAAD"

17TH SEPTEMBER , 2022

Alumni Talk Series "Samvaad" was organised by College of Computing Science and IT, Teerthankar Mahaveer University, Moradabad on 17th September 2022.Samvaad was organised in blended mode both online and offline. 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. Samvaad alumni talk series was graced by the physical and virtual presence of four distinguished Alumni speakers - Mr. Sandeep Kr. Sharma (M.Tech 2012-Passout), Mr. Mohd. Shahnawaz (M.Tech 2016-Passout), Mr. Naman Badkul (B.Tech 2021-Passout) and Mr Aditya Jain (B.Tech 2021-Passout). Mr Sandeep Kr Sharma is currently working as Cloud Engineer, Telgoo5 Corporation. In his address he emphasized that awareness of technology is necessary before using it. The world of information technology is changing and many new programming languages are coming up fast. He told the students to start focussing on practical rather than theory. According to him success is achieved not by money or position but by earning respect which has to be earned. Mr. Naman Badkul is working as DevOps Engineer at Nagarro. He suggested to explore every new technology available in the market and choose the one that best interests the students. Students can learn about technologies by meeting industry experts often and knowing the current trends in technologies. He encouraged students to take part in hackathons and other competitions with the support of the college and also work on aptitude for better campus placements. Mr Aditya Jain is working as Software development engineer at Pleased.com. He started his session by suggesting students to go for effective internships to get a prior experience on how industry works. He encouraged students to have short term goals in order to achieve long term goals. He asked students to be unique in skills and not blindly follow the crowd. He also insisted students to take care of physical and mental health along with focussing on career. Mr Mohammad Shahnawaz is currently as Project Engineer at Silicon Pvt. Ltd. He strongly recommended to students to start building mini and major projects. It will help in building up confidence in working on real life problems. According to him having an idea is important but presenting it is also important. He suggested students to have teamwork spirit which can help in corporate world. The entire session was coordinated by Ms Maryam Tahira, Assistant Professor and Member of Alumni Association, CCSIT. At the end of the program, Mr. Vineet Saxena (Assistant Professor, CCSIT) thanked everyone including logistics support team headed by Mr Manoj Gupta. The program was successfully anchored by Mr. Divansh Mishra from B.Tech IBM.

VISHWAKARMA POOJA



Date: 17-Sep-2022 Start time: 10:00 AM End Time: 12:00 PM
Type of Event Holy event

Saturday, 17-09-2022, the birth anniversary of Lord Shri
Description of Event:

Vishwakarma was celebrated with pomp and gaiety in the Faculty of Engineering College of Teerthanker Mahaveer University. During the program, equipment and machines were worshiped in the workshop and Havan was organized. After this, worship of Lord Shri

Vishwakarma ji was done and wished for prosperity. In the program Principal Professor Dr. Rakesh Kumar Dwivedi, Head of Mechanical Department Dr. Himansh Kumar, faculty members of Mechanical Engineering Department, staff, and students were present.

CANCER AWARENESS BY QUITTING TOBACCO

It was twelfth day of the first-year Induction programme. Ms Indu Tripathi was there to greet all the dignitaries in observance of Quit Tobacco and Cancer Awareness Program. The two main speakers were Dr Rajat Saha and the respected Principal College of Computing Sciences & Information Technology. Certified Medical Oncologist Dr Rajat Saha works as the Associate Director-Medical Oncology at Max Super Speciality Hospital in Patparganj, New Delhi. The Principal CCSIT put emphasis on the need of quitting smoking. How quickly is the younger generation becoming addicted to tobacco? It is a matter of great concern. How do we need to be aware of this and avoid it? He further emphasised this perspective of quitting tobacco. The key speaker Dr Rajat Saha discussed how to focus on future endeavours that would be successful and what to undertake in parallel. He started his talk by putting the question “Do we want to change”? Then he talked about the depth of reach of tobacco in our society. He classified his talk into four main agenda points- understanding tobacco, pathology of tobacco cessation (addicted towards it), and cessation. Dr Saha further added that Nicotine doesn't cause cancer; other chemicals cause cancer. Nicotine is a substance which makes a person addicted to something. Tobacco is nothing but a collection of several chemicals. According to Dr Saha, Smoking does not typically begin until the mid-40s, but rather in the adolescent or early 20s. Starting any addictive substance will be a decision that will change your life negatively. There will be many distractions, but this (Tobacco) one is particularly risky. The condition SMF (submucosal fibrosis), which can cause cancer and impending respiratory issues, was discussed. Dr Saha went into length on the value of stopping smoking/consuming tobacco and the procedure for doing so. Quitting is easy but staying abandoned is difficult. A doctor must be consulted before withdrawing from the reach of tobacco because it will result in aberrant behavioural and health issues. Government cannot outlaw smoking, but we can in our families and with our friends. He discussed the numerous cancers brought on by smoking. I CAN CARE is an app created in the hospital where he assists with the addiction to tobacco. 92% of attempts are successful, and extensive care is provided while treating patients with addiction to tobacco. He summed up his talk with the slogan “Save Youth, Inspire Youth”. The Principal CCSIT congratulated and thanked NSS Team led by Mohd Saleem. Ms Indu Tripathi and expressed gratitude by presenting a souvenir as a token of affection to key speaker Dr Rajat Saha. She also thanked other prominent authorities of CCSIT like HoD, The Proctor along with all faculties presented at the event.

Date: 23/09/2022 Start time: 02:00 am End Time: 04:00 pm

Type of Event: NSS DAY CELEBRATION

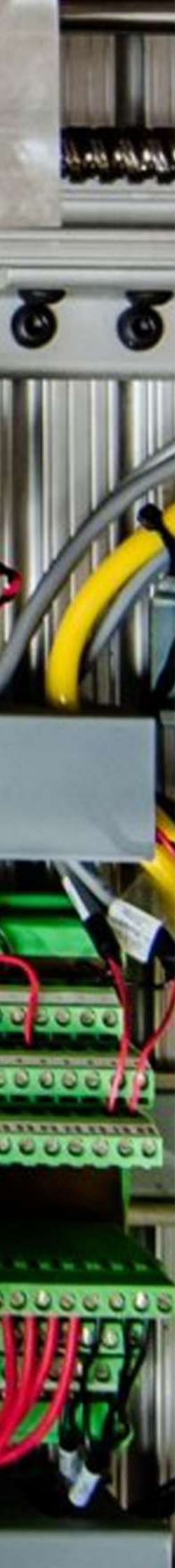


Description of Event:

A tree plantation program was organized at Faculty of Engineering of Tanker Mahaveer University on NSS day, along with this awareness campaign was also conducted by the students of NSS here in which students of different disciplines

gave many presentations. In this program, more than 100 students of different branches of B.Sc and B.Tech participated. All the students gathered at one place and roamed the





university campus and planted tree at a designated place by Mr Rupal Gupta. In this program a play was presented by the students on the disease spread by tobacco, due to which the student's life is harmed by the students. This program was organized by Dr Abhinav Saxena, Faculty of Engineering's NSS Coordinator, in which the students described the natural needs through posters after the plantation. The winners of the poster competition were Vaishnavi and Tanisha. The program was successful. Vanshikha Agarwal conducted the program. Apart from the students, Dr Abhinav Saxena, Dr Diptonial Banerejee, Dr Asim Ahmed, Dr Ajit Kumar, Mr Umesh Kumar Singh, Mr Bhagwan etc. were present in the program.

5 DAY WORKSHOP ON YOUTH EMPOWERMENT AND SKILLS (YES+) BY THE ART OF LIVING

Date: 27/9/22 to 1/10/22

The Youth Empowerment and Skills (YES!+) Program for youth is designed to prepare students in higher education for facing challenges with strength and integrity. It provides the skills they need to set and achieve goals and perform to their full potential – in their studies, home, and work. The course nurtures skills and talents and fosters human values in the youth. Practicing the knowledge & techniques talked in the course effectively brings about profound and sustainable, attitudinal, and behavioural changes.

DAY 1 The Workshop started with a welcome note by Dr. Alka Verma (Event coordinator, Associate Professor in ECE Deptt.) to The Art of Living team of Shri Rohit Agarwal, Shri Doshant Verma, Ms Deepti Agarwal, Ms Mani Mishra and Ms Rimpny. The workshop was started with students giving their introduction to each other in the view of overcoming their hesitation. Mr Rohit Agarwal started the workshop with a brief guidelines of the workshop making student realize the importance of this workshop followed by brief guidelines about rules and regulation to be followed in the 5 day workshop. It was clearly stated that to qualify for the YES plus workshop attendance is mandatory for the all the 5 days. Some games were conducted which was very much enjoyed by the students. A breathing technique "Victory on Breathe" was taught to students which energized their system.

DAY 2 The workshop started with a homework review by Shri Doshant Verma followed by a learning activity (in form of game) and dance which was enjoyed by all the students. They were briefed about the Sudarshan Kriya, which they experienced also. Sudarshan Kriya uses specific cyclical, rhythmic patterns of breath to bring the mind and body into a relaxed, yet energized state. Its effects have been studied in open and randomized trials, both in healthy and health compromised populations. Research suggests that SKY reduces depression, anxiety, PTSD and stress. It has also been shown to curb addictive behaviours and substance abuse. It significantly increases feelings of well-being, optimism and mental focus and improves emotion regulation. In addition, SKY is associated with enhanced cardio-respiratory function, antioxidant status and immune system function. The practice has even been shown to impact gene expression in short and long term periods, suggesting that the effects of SKY span all levels of the physiology from the DNA within our cells to organ systems. Viewed together, the wide range of documented benefits suggest that SKY may be an efficient tool for rapidly strengthening the mind-body complex

Day 3 The day started with some knowledge points by Shri Rohit Agarwal which basically made student realize that awareness is very much required to achieve their goal. A game was conducted with motivated them to "BE 100%" in every work they do. Breathing exercise followed by Sudarshan Kriya was once again performed by students, Day 4 The day started by discussion of the homework and later on knowledge points were shared to students which are the KEYS to SUCCESSFUL life. Students were given home instructions as to how to perform Kriya in their home.

Day 5 The day again started with a brief discussion of the homework by Shri Rohit Agarwal. A game activity was also performed by students. All the knowledge points were again revised. These knowledge points and game activities empower students with soft skills such as interpersonal relations, decision making, time management, team skills, communication and leadership, which raises the employability factor. To enhance the students' mental and physical prowess - concentration, focus, overall health and fitness; make them more dynamic, innovative and entrepreneurial in nature. The Five Knowledge points are the essence of this workshop. At the end of the workshop, students shared their experiences in presence of Principal FoE, Prof. (Dr.) Rakesh Diwedi. Later, Principal Sir also expressed his few words and was thankful to the Art of Living team for their efforts. The workshop ended with a vote of Thanks from Dr. Alka Verma to Art of Living members
Agenda: Youth empowerment skill workshop :



THE BHAKTI MAHOTSAV

iNurture Education Solution Pvt. Ltd and CCSIT celebrated NAVRATRI - The Bhakti Mahostav of at TMU Moradabad on 30th September,2022.Program was started with lamp lightening before Mata Durga by Principal & Director Dr. Rakesh Kumar Dwiwedi, Dr. Ashendera Saxena, Dr.Anish Gupta, Dr. Himanshu Sharma and Dr. Neeraj Gogia. On this occasion, Director FoECS told the role of mother in our life. He said that mothers always protect their child. A child finds himself in safe zone when he is with his mother; the same vibes comes to us when we worship Maa Durga. He motivated students for doing hard work with the positive vibes and obey their parents, teachers and elders. He gave many examples from the life of lord Rama and Laxmana for living an ideal life. He motivated students for working on themselves and make better version of them so that they can give their vital contribution in the development of India.He said that a person should keep contributing in the growth of society as that is the purpose of human life. Dr. Anish Gupta sir told that bowing before God gives strength a person to stand before all the difficulties. He also focused on importance of earning good knowledge and investing it for the betterment of others. He motivated students for focusing on their study and becoming a resourceful person.Dr. Neeraj sir told us a beautiful poetry related to Navratri and Dusserha. He suggested students to be enriched with skills but not to have arrogance, as it harms them as well as others. Even Ravan also had to face the consequences of arrogance and lost his own life.Program was hosted by Anshika Gupta from Btech AI 4thPrachi Jain and Priya from BBA-BM&C 2nd year.

Winners were Anshu Priya (B.Tech 3rd Year) 1st Position, Abubhav Jain (BCA 2nd Year)-2nd Position, Satakshi Sharma (B.Sc-FS 2nd Year) 3rd Position in solo Dancing, Divyansh (BCA-MAWT 1st Year), Kanishka (Polytechnic-CS) 1st Position, Labiba (BCA-CTIS 2nd Year), Kumkum (BBA-BMC 2nd Year) 2nd Position, Ritik, Sejal, Divya and Hooria (BCA-CTIS 1st Year) 3rd Position in Group Dance.

Vanshika Tripathi (B.Tech 1st Year) 1st Position, Mohd. Sumeer (BCA-CTIS 1st Year) 2nd Position, and Tanu Gupta (BCA-CTIS 1st Year) 3rd Position in Solo Singing.

Sarvagya, Bhavesh, Pushkar and Kavyansh (B.Tech-IBM 4th Year) 1st Position, Arman and Noman (BCA-CTIS 1st Year) 2nd Position, Sangeet & Team (BCA-CTIS 2nd Year) 3rd Position in Group Singing.



24-09-2022
CHANCELLOR'S LUNCH
FOR NBA LUNCH



ACHIEVEMENTS

राष्ट्रीय प्रत्यायन बोर्ड

एन.टी. ई.टी. टॉवर, एन.टी. ई. ई. रोड, नोएडा, उत्तर प्रदेश, राणा प्रियंका, एन.टी. ई. ई. रोड, नोएडा-201303
NATIONAL BOARD OF ACCREDITATION
 4th Floor, East Tower, NBCC Place, Bhopal Parkside Marg, Raigata Vihar, Lodhi Road, New Delhi 110003



Dated: 12-09-2022

F. No. 35-186/2021-NBA

To
 The Principal
 Faculty of Engineering,
 Delhi Road, NH-24,
 Moradabad-244-001,
 Uttar Pradesh

Subject: Decision on appeal against non-accreditation to the UG Computer Science & Engineering program offered by Faculty of Engineering, Delhi Road, NH-24, Moradabad-244-001, Uttar Pradesh.

Sir,

This has reference to Appeal dated 06-07-2022 filed by Faculty of Engineering, Delhi Road, NH-24, Moradabad-244-001, Uttar Pradesh against non-accreditation to the UG Computer Science & Engineering program of your Institution communicated vide NBA's letter of even number dated 09-06-2022.

2. The Appeal was considered by the Appellate Committee of NBA in its meeting held on 16-08-2022. The recommendation of the Appellate Committee was considered by the Competent Authority in NBA. Based on the decision taken, accreditation status of the program is given in the table below:

Sl. No.	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier-I January 2016 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. upto 30-06-2025	Accreditation status granted is valid for the period indicated in Col 5 or till the program has the approval of the Competent Authority, whichever is earlier

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for 3 years. Faculty of Engineering, Delhi Road, NH-24, Moradabad-244-001, Uttar Pradesh should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above so as to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status.

5. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to Faculty of Engineering, Delhi Road, NH-24, Moradabad-244-001, Uttar Pradesh as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

Chand Contd./...

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903
 Website: <http://www.nbaiind.org> | Email: membersecretary@nbaind.org



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John
 Executive President



Prof. Rakesh Kumar Dwivedi
 Principal, FoE, TMU

The college, since inception, has been proffering an education system which incorporates-professionalism, dedication and honesty. The state-of-the-art infrastructure, the qualified and dedicated faculties, well equipped laboratories, and consistent and fruitful alliance of our collaborators have helped in achieving this ranking and making us a well synchronized member of the professional learning community that pars the excellence norms of the day. On this dazzling achievement, the college expresses heartfelt gratitude to everyone associated. We wish to soar higher and higher in coming future! Sincerest Appreciation and gratitude to All Stakeholders!



HIGHLIGHTS OF SMART CONFERENCE 2022



स्मार्ट टेक्नोलॉजी ने बदली ट्रांसपोर्ट मैनेजमेंट की सूरत

तीर्थकर महावीर यूनिवर्सिटी में केन्द्रीय मंत्री नितिन गडकरी ने 11वीं स्मार्ट इंटरनेशनल कॉन्फ्रेंस में ग्लोबल परिवहन विभाग की उल्लेखियता



केंद्रीय मंत्री, परिवहन एवं परिवहन प्रवाह विभाग, भारत सरकार के उपायुक्त प्रमुख के रूप में नितिन गडकरी ने 11वीं स्मार्ट इंटरनेशनल कॉन्फ्रेंस में ग्लोबल परिवहन विभाग की उल्लेखियता व्यक्त की। उन्होंने कहा कि स्मार्ट टेक्नोलॉजी का उपयोग परिवहन प्रणालियों को अधिक कुशल बनाने के लिए है। उन्होंने कहा कि भारत सरकार का लक्ष्य है कि 2022 तक स्मार्ट परिवहन प्रणालियों का उपयोग करने में सक्षम बन जाए।

गडकरी ने कहा कि स्मार्ट परिवहन प्रणालियों का उपयोग करने के लिए हमें स्मार्ट इंफ्रास्ट्रक्चर, स्मार्ट सिटी और स्मार्ट परिवहन प्रणालियों का उपयोग करना चाहिए। उन्होंने कहा कि भारत सरकार का लक्ष्य है कि 2022 तक स्मार्ट परिवहन प्रणालियों का उपयोग करने में सक्षम बन जाए।

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टीएमयू की इंटरनेशनल कॉन्फ्रेंस स्मार्ट-2022 में जुटेंगे विश्व के आईटी विशेषज्ञ

मुद्रादाबाद | तीर्थकर महावीर यूनिवर्सिटी, मुद्रादाबाद के कॉलेज ऑफ कम्प्यूटिंग साइंसेज इन्फॉर्मेशन टेक्नोलॉजी-सीसीएसआईटी में दिनांक 16-17 दिसंबर, 2022 को सिस्टम मॉडलिंग एंड एडवांस्मेंट इन रिसर्च ट्रेंड्स-स्मार्ट 2022 पर 11वीं अंतर्राष्ट्रीय कॉन्फ्रेंस का आयोजन होने जा रहा है। यह कॉन्फ्रेंस सीसीएसआईटी, टीएमयू और यूपी अनुभाग के साथ तकनीकी सह-प्रायोजन में संयुक्त रूप से आयोजित किया गया है जो ऑनलाइन और ऑफलाइन दोनों मोड में होगा। टीएमयू के माननीय कुलाधिपति श्री सुरेश जैन की गरिमामयी मौजूदगी रहेगी। कॉन्फ्रेंस के पहले दिन भारत सरकार के माननीय केंद्रीय मंत्री (सड़क परिवहन और राजमार्ग) श्री नितिन जयराम गडकरी मुख्य अतिथि के रूप में ऑनलाइन मौजूद रहेंगे जबकि चौधरी बंसीलाल विश्वविद्यालय, भिवानी, हरियाणा के कुलपति प्रो. आर.के. मित्तल एवं भारती विद्यापीठ के कंप्यूटर अनुप्रयोग और प्रबंधन संस्थान- बीवीआईसीएम, नई दिल्ली के निदेशक प्रो. एमएन हूडा गेस्ट ऑफ ऑनर के रूप में शिरकत करेंगे।



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