Computing
Vision

Volume 5

Issue 3 | January – March 2020

A Student Magazine

CCSIT idea factory...

A voice of an effort...

www.tmu.ac

Teerthanker Mahaveer University, Moradabad

CCSIT Idea Factory...

Index

A Voice of an effort...

Vision

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

Mission

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

Focus

In our quest to make the university a destination for world-class education, following nine-fold priority areas have been identified for actions: Teaching and Learning: Create conducive environment for an interactive and application oriented experiential learning. Research: Foster research orientation in students and faculty in basic and applied areas in all disciplines.Consultancy Services: Take academic proficiency to corporate and community by providing cost effective solutions People: Make Teerthanker Mahaveer University a preferred destination for work and study.Global Perspective: Encompass a national and international.
viewpoint into teaching, research and consultancy. Good Governance: Bring transparency and accountability in university operations. Social Relevance: Position itself as a catalyst for social change. Entrepreneurial Culture: Nurture entrepreneurial capabilities to accelerate growth.Sports and Culture: Provide ample opportunities to develop sportsmanship and love for culture and national heritage

MIND FOCUS

A Voice of an effort...

From the Hon'ble Chancellor's Desk TMU,Moradabad

I am highly delighted and feel immense pleasure in witnessing that Faculty of Engineering & Computing Sciences is following its tradition of publishing quarterly magazine 'Computing Vision' and going to bring out yet another issue of the magazine. It always offers inner happiness to watch that the potential of our students is getting unfolded at various stages and situation with each passing day. Indeed, the college magazine is a forum which has been aptly used for recording events, memories and for providing a platform for creative writings. I wish to say that with the active support of Prof.R.K.Dwivedi, principal, faculty and students the magazine has come out as a milestone to the history of the college. Hard work always pays off and I truly believe that the magazine will strengthen the journey of academic excellence.

Heartiest Felicitation to the team for their unwavering efforts in bringing out this magazine and keeping the tradition alive!

Shri Suresh Jain

From the Hon'ble Group Vice Chairman's Desk TMU,Moradabad

It is really a matter of pride that Faculty of Engineering & Computing Sciences is moving ahead on the path of adding laurels to its reputation and is going to unveil the another issue of its quarterly magazine ' Computing Vision.' Since inception the college is committed to offer quality education to young minds with a special emphasis to foster their mind to enable them to think creatively and to develop interdisciplinary collaborative skills. The magazine helps the students to reach the pinnacle of perfection and professionalism in whatever task they take on and hence contributing a lot in strengthening the journey of achieving excellence.

On this occasion, I wish to put into words my good wishes to the principal Prof.R.K.Dwivedi, students and staff of the college in their endeavors.

Shri Manish Jain

A Voice of an effort...

From the Hon'ble Officiating Vice Chancellor
TMU,Moradabad

I am happy to know that the Faculty of Engineering and Computing Sciences (FOECS), Teerthanker Mahaveer University, Moradabad, is going to publish its quarterly magazine "Computing Vision"- Volume-5, Issue-1.I appreciate the efforts rendered by the students, faculty and staff of FOECS for successfully publishing "Computing Vision" for last four years. I am hopeful that the college will continue its efforts of publishing this wonderful magazine with more innovative and creative ideas in the years to come. I take this opportunity to extend my best wishes to all students for their studies, CTs and End Semester Examinations. I am sure that they will perform exceedingly well in their studies and forthcoming examinations with their hard work and perseverance towards learning.   I wish the grand success of the current issue of "Computing Vision".

Prof. Raghuvir Singh

From the Hon'ble Principal'sDesk
TMU,Moradabad

Prof. R.K Dwivedi

Education is the most powerful tool, which and empower them with sound knowledge, brings positive attitude in an individual. In wisdom, experience and training. For this competitive world, it is important to this, we continuously explore and develop prepare the youth to meet new challenges new programmes to target the changing and reach their goals. Duty, Discipline and education needs of students. My advice to Dedication are the three pillars of Success my dear students is, Aim high and never If one performs one's duty sincerely, settle for anything less than greatness. maintains self discipline and dedicates When you have big goals in life, they would himself to his assigned work, then, he is push you to do more. So, dare to dream bound to succeed. FOECS, is committed to big' I wish all my students the very best for bring that positive change in our students achieving success and scaling newer heights. COMPUTI A Voice of an effort...

A Voice of an effort...

Celebration Of Basant Panchmi On 29th 2020

Basant Panchmi is the festival dedicated to goddess Saraswati who is the goddess of knowledge, language, music and all arts. The Faculty of Engineering & Computing Sciences (FOE&CS) celebrated this event with full enthusiasm. Prof. R.K. Dwivedi, Director and Princpal FOE&CS was the chief guest of this auspicious occasion who was accompanied by Dr. Ashendra Saxena, Mr. Abhishek Saxena, Dr. Danish Ather, Dr. Shambhu Bhardwaj and other faculty members of FOE&CS. The anchoring of this program was done by Deepanshi Agarwal and Fiza, 1st-year students of the B.Sc. Program. The program commenced with the lighting of the lamp by the chief guest followed by recitation of the Saraswati Vandana, that was presented by the very talented and melodious Ms. Shuruti Jain, Ms. Harshita Tyagi, Ms. Gargi Sharma, Ms. Prerna Saini and Ms. Kritika Rawat. Thereafter, Ms. Simran Arora, Ms. Simran Chaudhary, Ms. Rashmi Joshi and Ms. Megha Gupta presented a group dance which was applauded by everyone present.

Hon'ble Chief Guest Prof. Dwivedi took this opportunity to lay special emphasis on the significance, power and wisdom of Ma Saraswati. He along with the students and faculty members prayed that all the plants, trees and flowers around them bloom and blossom.

Some notable people present for this auspicious occasion were Dr. Asim Ahmad, Prof. Bidut Chatterji, Dr. Zareen Farooq, Ms. Indu Tripathi, Mr. Rahul Rathore, Mr. Rahul Vishnoi, Dr. Varun Kumar and Dr. Ashok Kumar.

A Voice of an effort...

Celebration of 93rd -National Science Day
Department of Physics, FOE&CS: 28th Feb 2020

The department of physi cs celebrated "93rd-National Science Day" to commemorate Nobel Laureate Sir C.V. Raman. The theme of this year was "Women in Science". .

1: Inauguration and address by Director, Prof. R. K. Dwivedi, FOE & CS, TMU

The program was inaugurated by Director, Prof. R. K. Dwivedi who shed light on the many achievements and groundbreaking works of Sir C.V. Raman and encouraged all the students of FOE&CS to experiment and follow their passion.

2: Speech by Prof. S.P. Pandey, Dr. Diptonil Banerjee & Dr. Arun Prakash, Department of Physics , FOE & CS, TMU

After the inaugural speech by Prof. Dwivedi Prof. S.P. Pandey, Dr. Diptonil Banerjee & Dr. Arun Prakash gave their speeches explaining the different phenomenon of scattering in natural sciences.

3: Glimpses of working models

The next event was the science exhibition organized by Dr. Amit Kumar Sharma in which students displayed their working models and posters presentations. There were 24 working models that were made by students of different departments of FOE & CS. Some of the topics were sound conversion, waves simulator, water alarm, vacuum cleaner, circular collider, electric phase changer and automatic door alarm.

4: Glimpses of posters presentation

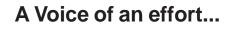There were 30 posters presented by the students of FOE & CS.

5: Speech by Student

The next event was a speech given by Ms. Saumya and Ms. Fabeha on the topic, "Women in Science".
The last event was the 'Science Quiz' organized by Dr. Pavan Kumar Singh in which 20 students participated from different departments.
The vote of thanks was delivered by Dr. Vishnu Prasad Srivastava.

A Voice of an effort...

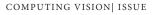# National Conference on Industry 4.0(NCI-4.0)
29 February 2020

"National Conference on Industry 4.0 (NCI-4.0)" in association with International Journal of Research Trends in Computer Science & Information Technology (IJRTCSIT) (http://www.ijrtcsit.org), Technical Sponsored by Computer Society of India (CSI), sponsored by CETPA Noida and supported by IBM, Microsoft, iNurture, Cisco and skill enhanced academic solution was conducted by FOE&ES.

It is proof of the importance and significance of this event that it has the presence and active participation of the most important researchers, technologists and business entities in the field of Computer Science and Engineering. I hope that the platform that we have created for ourselves for learning from each other and sharing the excitement of the profession will also be a launching pad for the future collaborations and fascinating results.

During this conference, significant advancements in all aspects of research, development and applications will be covered and discussed in presentations together with plenary and invited talks. The technology today is developing at a rapid pace. In this era of globalization, the exchange of knowledge and skills has given a further fillip to the exponential growth in the field of technology. Such phenomenal advancements have revolutionized almost every sphere of human life today. It gives us a platform to learn and explore this field and develop insights into the interdisciplinary approach to technology.

The event is a great festival for exchange of technological know-how and sporting spirit. It has been our pleasure to watch students taking the initiative to participate with a high degree of improvisation each year in this kind of event. They need to be encouraged so that they may bring India to the level she richly deserves. I cordially invite all the enthusiasts to participate with full vigor in this celebrated event which can give immense exposure and global opportunities to our youth.

A Voice of an effort...

National Conference on Industry 4.0(NCI-4.0)
29 February 2020

It has been recognized that Computer Science and Engineering is the leading stream in taking the humanity to civilization. This conference determines to find new advancements in the fields of computer, engineering, computation and communication. Recent findings in Computer Science have touched almost every sphere of life. These new information works for the sustainable development and globalization of economy and social empowerment.In light of this, Advanced Computing is very much relevant to explore and implement new ways of computing.

The aim was to provide a platform to the eminent academicians, scientists, researchers, industrialists, technocrats, government representative, social visionaries and experts from all strata of society, under one roof, to explore the new spheres of innovative technologies to identify new path ahead. This new path should decay isolation, enlighten the obscurities regarding technology and find scientific progress aimed to pave the path of Indian growth in the field of technology in front of the world and to prove that India may be crowned as developed Nation. The conference will include regular paper presentation sessions, invited talks, key note address and panel discussions.

I feel fortunate in taking the opportunity to pay my thanks to our Chief Guest and Key note speaker Respected Dr. Prakash Chauhan,Director, Indian Institute of Remote Sensing, Dehradun, who has enlightened our minds and took us to the new world of knowledge. I am thankful to Dr. Veerendra Yadav, Member of the Department of Civil Engineering, IIT Roorkee, Roorkee, UK the Guest of honor, whose prestigious presence encourages the new learners to express themselves on new technologies.I am also thankful to C S Rajeev Bajaj,Associate Director and CEO, Panasonic AVC Network India Co. Ltd., Noida who encourage the new learners to express themselves on new technology. I am thankful to Dr. Anil Kumar, Hindu College, Moradabad who helped a lot in conducting the conference successfully.

A Voice of an effort...

National Conference on Industry 4.0(NCI-4.0)
29 February 2020

At this point of time, I would like to thank our Hon'ble Chancellor Shri. Suresh Jain, who is always a constant source of inspiration for the young generation, for having given me this noble opportunity at Teerthnaker Mahaveer University, Moradabad.I pay my regards to our Hon'ble Group Vice Chairman, Shri. Manish Jain who constantly helps and gives direction to provide quality education and establishes a repository of knowledge and diverse activities of human interest encompassing academics, art and culture, sports and community service. Now I give special thanks towards our Officiating Vice Chancellor Prof. Raghuvir Singh under whose supervision the university is growing to achieve the

My special thanks to our esteemed Principal, Prof. R. K. Dwivedi, without his support, we would not have been able to successfully organize this mega event. He has given the opportunities to the new learners and experienced researchers to explore the advanced aspects of education through the appropriate uses of Information Technology.

This forum has given a wonderful platform to have an intensive dialogue on grid computing, quantum computing, image classification, voice recognition and machine learning. I hope this flame will a live forever.

I would like to pay my gratitude to the organizing committee who worked hard in team and established such a coordination which made the event successful. Last but not least I am grateful to all the researchers and students who proved to be the most important part of the event.

Er. Namit Gupta

Convener,
National Conference on Industry 4.0 (NCI-4.0)

A Voice of an effort...

Workshop on Machine Learning using Python

A workshop on machine learning using python was organized by FOE&CS on 6-7 February 2020 in association with Brain Mentors Pvt. Ltd., Rohini, Delhi. Through this workshop, the students got the chance to enhance their knowledge and understanding of machine learning using Python. Prof. R.K. Dwivedi gave an informative and encouraging speech to all the student present at the workshop. Mr. Ravi Tripathy, Sr. Corporate/Retail Trainer on Data Science, Brain Mentors Pvt. Ltd., Rohini, Delhi, India was the resource person of this two-day workshop.

Workshop Modules

Day - 1

- Introduction to Python
- Python Installation
- Python Basics and Native Types
- Functional Programming with Python
- Installing Anaconda and Jupyter
- Introduction to Data Analysis
- Overview of Numpy and Pandas

Day - 2

- Introduction to Machine Learning
- Understanding Machine Learning Algorithms
- How Machine Learning works
- Introduction to Object Detection
- Building a Face Recognition App

A Voice of an effort...

Workshop on Machine Learning using Python

Important points for participating students

- Provided an insight to the functioning of corporate jobs and what skills to develop so that they are better prepared during placements.

- Student enjoyed learning of basic logic in Python including operators, loops and data types.

- They experimented and played with pattern.

- Students calculated the output of a variable advanced problem.

- Students wrote the codes on advanced programming concepts like number problems, pointers and complemented number.

- Introduction to python platforms collab research platform, spyder, anaconda and also IDE.

- Students learnt about the concepts of building a face recognition app.

A Voice of an effort...

Internal Hackathon for 'Smart India Hackathon 2020'

Smart India Hackathon 2020 (SIH 2020) is a nationwide initiative to provide students a platform to solve some of the most pressing problems we face in our daily lives, and thus helps inculcate a culture of product innovation and a mindset for problem solving. The last edition of this hackathon saw over 5 million+ students from various colleges compete for the top prize at 65+ locations. In SIH 2020, the students have the opportunity to work on challenges faced within various Ministries, Departments, Industries, PSUs and NGOs and help create world class solutions for some of the top organizations including industries in the world, thus helping the private sector hire the best minds from across the nation. It helps to:

- Harness creativity and expertise of students

- Spark an institute-level hackathon

- Build a funnel for the 'Startup India' campaign

- Crowd source solutions for improving governance and quality of life

- Provide opportunity to citizens to provide innovative solutions to India's daunting problems

The first three editions of the hackathon i.e., SIH2017, SIH2018 and SIH2019 proved to be extremely successful in promoting innovation and out-of-the-box thinking in young minds especially in engineering students from across India. The SIH 2020 has two editions software and hardware. The software edition is a 32-hour non-stop coding competition whereas the hardware edition is a 5-day product-building competition. The SIH 2020 is the 4th Season of the 'Smart India' Hackathon. This year every college will conduct an internal Hackathon and will select 7 teams comprising of 5 software and 2 hardware for the grand finale of the SIH 2020 along with two wait listed teams for both categories.

The Faculty of Engineering organized an internal hackathon for scrutinizing SIH 2020 entries and a total of 19 teams participated for both the categories i.e., hardware and software. The participants developed their ideas and innovations from the SIH 2020 portal.

The participants worked together for weeks following a phased approach and during the hackathon they worked to develop a shared problem statement by the SIH 2020. They approached the problem by collectively brainstorming and prioritizing critical barriers and developed design rules for creating adaptable organizations.

They then began the idea and team registration process. A total of about 114 students registered for the event with selected idea and team members and each participant fleshed out their ideas. Together, all 19 teams presented the most promising hacks and demonstrated their ideas and implementation to the jury. Based on innovativeness and effectiveness of the presented work, the members of the jury selected 7 teams from software and 4 from hardware for the SIH 2020.

The selected teams of this internal Hackathon will undergo the formal SIH 2020 procedure for the Grand Finale which requires further short-listing of the teams from amongst various institutes across India.

A Voice of an effort...

Workshop on Industrial Internet of Things

The Electrical Engineering (EE) department at FOE&CS organized a one-day workshop on Industrial Internet of things (IIOT) for upcoming technocrats in association with the Educational Industrial Training and Solution(EDITS) on 03rd February 2020. Prof. Rakesh Kumar Dwivedi, director and principal, FOE&CS has taken initiative to explore the bridge between industry and academia in the industrial 4.0 revolution. The workshop was coordinated by Dr. Garima Goswami, Head of the Department at EE department to interconnect industry and academia. The organization and execution of this valuable workshop elicited the team efforts of Dr. Pankaj Kumar Goswami, Mr. Pradeep Kumar Verma, Dr. Mudita Juneja, Ms. Sakshi Singh and Mr. Akshat Jain and Ms. Tripti Jain, as well as students from EE and ECE.
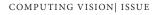

During the workshop Mr. Saugat Dutta and Mr. Dilip kumar Tiwari who are senior advisors of IIOT at EDITS explained the students about new tools to interface their academic projects to internet world for remote access. They also helped students to learn about the various arduino modules and their processing in the network of things. Students also got new and innovative ideas which helped them during the 'Smart India' Hackathon. The theoretical sessions were conducted in the mornings and the practical sessions were held in the afternoon. Mr. Dutta discussed the information management system ans stated that it was a highly growing and rapidly increasing sector that accounted for most of the share of IOT spending in the global market. Industrialists and manufactures in almost every sector has tremendous opportunities to monitor and automate many of complex processes involved in manufacturing. Large scale industries have sensors and systems to track progress but the IOT takes a step further to provide intricacies of real time problems.

 Mr. Tiwari also highlighted that IOT has its application in industries that prefer automation, energy efficient systems, smart devices etc. Even reports state that more than 50 billion devices will be connected with IOT by 2020. But learning the IOT is not a simple process as the system works on complex procedures and modules. This workshop has encouraged students towards the implementation aspects of big challenges through small project modules. The workshop concluded with a questionnaire round, a group photo session and the national anthem.

A Voice of an effort...

Seminar on Research Pedagogy

A one-day seminar on 'Research Pedagogy' was organized on 17th February 2020 under the Institutional Innovation Council of FOE&CS. The seminar was inaugurated by Prof. R. K. Diwedi, Dr. Garima Goswami, Dr. Pankaj Goswami, Dr. Mudita Juneja and Prof. Bidyut Chatterjee. The purpose of the seminar was to equip students with various methods and contradictions for research. The workshop was conducted by Mr. Rahul Jain (EE 2nd year) and Ms. Trupti Jain (EC 2nd year). More than 150 students of the Faculty of Engineering attended the seminar. Ms. Sakshi Singh, Mr. Pradeep kumar Verma, Mr. Rahul Bishnoi, Mr. Neeraj Kaushik etc. were also present for the event.

The keynote speaker Prof. R K Dwivedi, Director FOE&CS spoke on writing concepts for research articles, specifics of research and plans to be prepared for the research. He further explained the various methods of research adopted by them and advised students that they must, at the first instance, find the research gap and then give a new direction through, literature review.

During the seminar Dr. Pankaj Goswami gave an insight about the need to adapt and adopt research according to the present day scenario. He added that researchers today should speed up the work emphasizing on the relevance and strategic intent of the research. He also stressed on theory and honesty during research. Dr. Goswami gave a brief review on Copyrights, Trademarks and Patents and explained how we can patent or copyright our small inventions and research works under IPR laws.

Dr. Garima Goswami stated that a good research paper covers many topics such as critical, creative and thinking. There are various kind of research papers such as a review paper, short communication, opinion etc. Research papers contain the details of the research work done by the researcher on a particular subject and a good research paper needs to have segments like the introduction, material and methods, results, discussion and abstracts, conclusions, references. She elaborated stating that in the beginning one must write the research paper in an easy language and all references must be included and made note of in one's own research paper But do not copy-paste the material from the references.

Towards the end of the seminar Dr. Mudita Juneja explained the similarities between research and research papers. She explained the way to draft one's research to make it a good research paper, as well as highlighted that writing a good manuscript motivated the students to write research paper and so they must practice writing and researching regularly. .

A Voice of an effort...

Faculty Development Program On Video Tutorials

The College of Computing Sciences and Information Technology (CCSIT) TMU organized a one-week long faculty development program on "How to make Professional Video Tutorials" from 14-18 January 2020. The program was coordinated by Mr. Pradeep Kumar Gupta, Asst. Prof. Dept. of Animation, CCSIT. Mr. Gupta also served as a very resourceful person for this 5-day program cum workshop.

There were 36 teaching and non-teaching members from various colleges and departments of the University who participated in the program and learned techniques for making professional video tutorials for online teaching. During the inauguration ceremony Prof. R. K. Dwivedi drew special attention on importance of online teaching and role of video tutorials in online teaching.

On the last day of the program Dr. Aditya Sharma, Joint Registrar, Governance elaborated on the fact that learning is a continuous process for all academicians and must evolve to keep pace with the evolving world. Mr. Gupta concluded the ceremony by thanking all the participants and requested them to continue the process of learning as this world is full of knowledge. Additionally, he requested everyone to share their knowledge with the society for the welfare of human kind and thanked the faculty members for organizing the program.

A Voice of an effort...

Recent Trends in Design Innovation

A workshop on the recent trends in 'Design Innovation & HCI' was organized by the CCSIT for the students of B.Sc. Animation & Fine Art and was held on 7-8 February 2020. The workshop comprised of activities and sessions which helped students enhance their knowledge in the field of Animation. Prof. R.K. Dwivedi, Principal CCSIT motivated all the students and encouraged them for organizing more workshops of the same nature. Dr. Abhishek Kumar, Professor in Animation, BHU University was the resource person of this two-day workshop. It was attended by the Animation & Fine Arts faculty members and students comprising of over 65 participants.

Expert Talk on Power of Women in Shaping New India

International Women's Day, is celebrated on the 8th of March every year around the world.It is a focal point in the movement for women's rights. 8th March, International Women's Day is a global day celebrating the social, economic, cultural and political achievements of women. The day also marks a call to action for accelerating gender parity. It's only a woman who can wear so many hats at the same time and juggle between them on a daily basis. It is their inner emotional strength that makes them successful achievers in their personal, social and professional lives. The ability to find a balance between home, family, friends and work makes them the irreplaceable pillars of our society.

On the occasion of Women's Day, " Expert talk" was organized on 6th March 2020, in CCSIT. This event was organized with respect to D.O.No.F.1-11/2020 dated 28th February 2020 released by UGC and under the banner of WEC committee, CCSIT.The event started with the lamp lighting ceremony, by District Program officer Dr. Anupama Shandilya, Founder of Moradabad branch all India Women Conference, Dr. Rita Singh & Counsellor at Women upliftment cell, Moradabad Dr. Sugandha Agarwal, Principal of CCSIT Prof. R.K. Dwivedi, H.O.D. Computer Science Department, Dr. A.K. Saxena and Coordinator, WEC CCSIT, Mrs. Ranjana Sharma. A number of students took part in the competition and expressed their views. The students also presented a memorable dance performance on this occasion .The theme based dance was enjoyed by one and all . Prof. R.K. Dwivedi, conveyed his wishes on this occasion to all the female faculty and non-faculty members as well as the students.

A Voice of an effort...

IBM Book Distribution February, 2020

The College of Computing Sciences and Information Technology (CCSIT) distributed book materials for the course Python to B.Tech CSE-IBM students in February 2020. The aim was to seek to measure the effectiveness of students' outcome for its findings that will be used to improve the quality of education and impact of this distribution to the recipient students. A total of 36 beneficiary students were involved this process and the exercise highlighted the successful efforts of both TMU and IBM. The distribution was conducted by Prof. R.K. Dwivedi Principal, Dr. Rajeev Kumar, Program Coordinator of B.Tech IBM and Associate Professor and Mr. Amit Kumar Vishnoi Assistant Professor.

Special Session by Mohit Gambhir, Innovation Cell (MIC) on SIH 2020 Insights

To promote awareness amongst Higher Educational Institutes (HEI) across India about the 'Smart-India' Hackathon 2020 (SIH 2020), a Webinar was organized by MIC-MHRD on 24th January 2020. Dr. Mohit Gambhir, Innovation Director of Ministry of Human Resource and Development, Innovation Cell, Government of India conducted this special session with the objective to promote consciousness and resolve common queries related to SIH 2020 that both students and technical institutes are facing. CCSIT organized the Webinar which involved the participation of more than 300 student and faculty members. Dr. Mohit enumerated on the procedure to be followed by the HEIs and their students to participate in the SIH 2020. He added that institutes willing to participate in SIH 2020 were required to conduct an internal hackathon and share the photographs and videos of the event. He concluded by discussing common issues that emerged due to common errors/omission in filling forms and how to resolve them or prevent such errors. He motivated students to take part in the SIH 2020 while highlighting the benefits of participation. Subsequently, the internal hackathon took place which was convened by Mr. Ashish Bishnoi.

A Voice of an effort...

MPL-2 Innauguration Ceremony

iNurture organized the second edition of Management Premier League (MPL) for BBA iNurture students on 27th January 2020 .

The primary objective of this league was to make students learn how to work in teams and their participation in different management games like GD, Debate, Role playsetc.

The participation of students in the various co-curricular activities was commended in the presence of teachers.

Mr. Bharat Pandey welcomed Dr. R.K. Dwivedi and other guests by presenting bouquet as a token of respect.

Dr. R.K.Dwivedi graced all the present audience and students of BBA along with their team owners were present for the event.

The event was graced by Mr. Navneet Vishnoi, Mr. Avinash Saxena, Mr. Ajay Tiwari and Miss Preety Saini.

The details of teams are following:-

Ms. Preety (BRAINY FOOLS)
Rahul Jain
Shubh Sareen
Vikas Thakur
Sarika Yadav

Ms. Preety (THE VANDALS)
Harsh Jain
Parvinder
Akriti
Sankalp

Mr. Avinash Saxena (THE DOMINATORS)
Harshit Sethi
Aarju Sharma
Charul Grewal
Akansha Kumar

Mr. Avinash Saxena (THE WEEKEND WARRIORS)
Momina Khan
Mukul Rana
Anushka Varshney
Avivansh Gupta

Mr. Prakash Jha (ROYAL LEOPARDS)
Vidushi Gupta
Lakhan Thakur
Tanya Chandiwal
Muskan Baliyan

Mr. Prakash Jha (INURTURE KINGS)
Rezin Singh
Yash Saxena
Mohd. Amaan
Rohan Khanna

Dr. Ajay (KRAZY DYNAMITES)
Suryansh Anand
Bareera
Andleeb
Harshit Agarwal

Dr. Ajay (PIRATES)
Mohd. Saiful
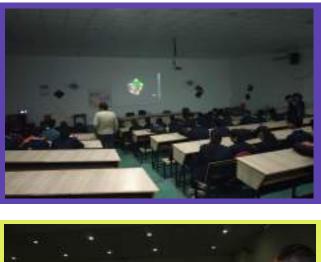Mohd. Amaan
Atoofa Khan
Mahima Afridi

BACKEND SUPPORT
Shivam Pandey
Sanchit Gupta
Harsh Sharma
Suhana Parveen

A Voice of an effort...

Tech-Talk on Introduction to Machine Learning with AWS

Smart India Hackathon team along with MIC-MHRD organised a tech talk on 4th Feb 2020 that was attended by CCSIT students and faculties in large number. Topic for the tech talk is "Introduction to Machine Learning with AWS" that was taken by Mr. Suman Debnath, Principal Developer Advocate in AWS. The objective of the webinar is to provide fundamental knowledge about concepts of machine learning and how they could be implemented using Amazon web services (AWS) so that students or participants of SIH2020 could use these skills for designing and formulating their models or solutions proposed. AWS and Smart India Hackathon (SIH) 2020 together aims to provide a platform to help both the Higher Education Institutes and the students various courses offered by them. To find and design innovative solutions, SIH participants could explore the power of AWS. Mr. Debnath discuss the procedure for accessing AWS and other tools for machine learning in sequential and synchronized manner. He also told that the AWS services could be accessed by the students with the help of their college SPOC as the complete AWS educational kit is provided in account of college SPOC at SIH portal. Students of the CCSIT overwhelmingly participated in the event that was conducted in Lecture Theatre

Session Report of Workshop "Recent Trends in Machine Learning" (External)

UNIVERSITY: TMU Moradabad

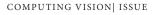SESSION DATE & TIME: 19th February 2020, 09:30 am to 4:00 pm

TARGET PROGRAM: B.TECH. 2nd, 4th, & 6th Sem

SPEAKER: Dr. Ramani Swarna, Associate Professor at Miranda House, Delhi University

TYPE OF SESSION: Hands-on Workshop

TOPIC: Recent Trends in Machine Learning

A Voice of an effort...

Session Report of Workshop "Recent Trends in Machine Learning" (External)

NO OF STUDENTS: 35

NO. OF STUDENTS ATTENDED: 25

FACULTY IN CHARGE: Mr. Pramod Vishwakarma, Mentor-IT, iNurture

Objective Of The Industry lecture:

The objective of the industry lecture is make students understand the following:-

- Basics about Data
- Introduction to Machine Learning
- Need For Machine Learning
- Why & When to make Machine Learn
- Lack of Human Expertise
- Difficulty in translating expertise into
- ML Model

Brief Of Speakers And Guests:

Dr. Ramani Swarna has over 23 years of experience in various elds with the best clients in the world with a proven team builder and motivator. Generating the sense of "Involvement" amongst personnel, overcoming the general culture of "Participation". His work experience includes Miranda House, Delhi University, Delhi Metropolitan Education,Noida (A-liated to GGS IP University), Delhi Technical Campus, Greater Noida Aliated to GGS IP University Triton Corporation Limited, Gurugram Country Vacations, Delhi, GE Capital International Services, Gurugram & Jaipur

TOPICS COVERED:

Morning Session:-

-
- Introduction To Machine Learning
- Need For Machine Learning
- Why& When to make Machine
- Lack of Human Expertise
- Difficulty in Translating expertise into Computational tasks
- ML Model

A Voice of an effort...

Session Report of Workshop "Recent Trends in Machine Learning" (External)

Afternoon Session (Lab Session):-

-
- Quality of Data
- Time consuming task
- Issue of Overfitting & Underfitting
- Issue of Dimensionality
- Deployment Difficulty
- Different Applications of ML
- How to Open Google Collaboratory
- How & Where to key words
- How to Run & delete keys
-
- Various Libraries of Python

LEARNING OUTCOME FROM SESSION:

- Basics about Data
- Introduction to Machine Learning
- Need For Machine Learning
- Why & When to make Machine
- Lack of Human Expertise
- Difficulty in translating expertise into Computational tasks
-
-

A Voice of an effort...

Workshop on "Guided Meditation for professionals in Teaching"

A two days workshop on "Guided Meditation for Professionals in Teaching" was organized by FOECS on 25-26 February, 2020. The workshop commenced with the lighting of the lamp and garlanding ceremony in front of the idol of Goddess Saraswati by Prof. R K Dwivedi (Director and Principal, FOECS), Chief Guest and Key Note Speaker Sri Deepak Lahori (Expert - Purposeful Guided Meditation and Energy Healing), Dr Ashendra Kumar Saxena (Head of Department) and Mr Priyank Singhal (Workshop Coordinator).

The purpose of conducting this workshop was to enhance everyone's knowledge about meditation and use it as a tool to achieve mental, physical, emotional and social well-being. A person practicing meditation can create positive energy around himself/ herself and boost up his/ her productivity. The methods to achieve these were being discussed in the workshop.

Prof Dwivedi highlighted the importance of meditation and he focused that practice of mediation is a must for everyone. With meditation one can be healthy, strong, organized, calm and happy. Not only this, meditation also increases the level of confidence in an individual. The practice of meditation helps us to manage stress as well. He congratulated everybody for organizing and participating in this event and said that by learning the techniques of purposeful guided meditation and being its consistent practitioner we can gain success in our personal and professional life. He admired the presence and the deliverance of workshop by Sri Deepak Lahori and presented him a memento.

Mr. Deepak Lahori delivered his knowledge in the field of meditation through his PowerPoint presentation. He elaborated in detail about what is purposeful guided meditation, how it can be practiced and what all benefits one can gain by meditation. In his lecture he revealed about five different bodies that exist with every person. These five bodies are - physical body, energy body, mental body, wisdom body and bliss body. He gave knowledge about 7 chakras of our body, the energy associated with each chakra and how working upon our chakras we can achieve healing. Mr. Lahori also made all the participants to perform guided mediation for about 30 mins. The enthusiastic participation was praised by Mr. Lahori and he committed to be delivering more such workshops as and when required by the university. The workshop concluded by vote of thanks by Mr. Priyank Singhal who was the program co-ordinator- MCA.

A Voice of an effort...

ALUMNI MEET 2020

STUDENT ALUMNI MEET, which is the annual flagship event of Student Alumni Relations Cell, was conducted in the month of March.

During this event, alumni and students from all fields participated in the events like Buddy Talks (to help students in overcoming the uncertainties, distinguished alumni from different sectors like Engineering, Consultancy, Finance and Banking, FMCG, IT and Software etc were invited to give a talk pertaining to their sectors), Panel Discussion (thought provoking debates by alumni from various sectors on some of the desired topics), Beyond the Horizon (a platform for interaction with alumni who took the "Road Not Chosen" and followed their dreams), Break the Ice (face-to-face interaction between the mentors and their mentees) Cult Meet (a cult person will surely love to get back to his/her cult group in the institution and relive again!), Sports Meet (indulge in the sports spirit once again with the batch mates and juniors), Mock Interviews (a chance where the alumni get to train and give an experience of the job interviews to the final year students) and many such events were hosted.

TMU Faculty of Engineering organized the Alumni Meet on 1.03.20 (Sunday) in LT2 of Faculty of Engineering. The alumni meet is conducted every year in order to reconnect with the Alumni and celebrate their success and various achievements. A special welcome was extended to the 2001-2016 batch.

The Alumni started arriving in college by 9.00 am and they were received by the registration team and breakfast was organized for all the alumni and staff. Later on they were taken on a campus tour where they revisited the familiar place where they had studied and were shown the various developments that had taken place since then.
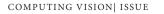
The Alumni Meet started with an invocation song seeking the blessings of Almighty. The hosts of the event, Aman and Shruti, 3rd year CSE and 1st Year Mathematics invited the dignitaries to occupy the dais. The celebration commenced with the lighting of the lamp by Prof. R.K.Dwivedi Director & Principal FOE&CS along with all HoDs and Coordinators of various departments.

Prof. R.K.Dwivedi, extended a warm welcome to all the alumni, expressed gratitude for responding to the invitation from college and being present for the alumni meet in spite of their busy schedule. He then proceeded with presenting the college report highlighting the various milestones reached in the past year. Some notable points were:

A Voice of an effort...

ALUMNI MEET 2020

- He told about all the departments in college and the total strength of the students. He mentioned scholars who are actively pursuing a doctoral degree.

- AICTE has granted approval for engineering programs with an intake of 60 students from the academic year 2016-2017.

- He congratulated all the toppers of last year.

- He spoke about the technical fest and cultural fest being organized every year.

- He informed about the IEEE and Springer Conferences organized every year by FOE.

After the Presentation by Prof RK Dwivedi, a virtual tour in the form of presentation was presented in LT. All the Alumni were facilitated by gifts from the management of Teerthanker Mahaveer University.

To refresh the memories of the alumni, students presented skit, dance and sang some heart touching songs. Games were organized by juniors for their beloved alumni. Alumni were very excited to take part in games.

In Musical Chair's first round 20 alumni took part and the winner was Mr. Harjinder Singh (MCA Batch 2005-06).

In Musical Chair's second round again 20 alumni took part and the winner was Mr. Alok Gupta (B.Tech. ME Batch 20014-15).

 Balloon race was also organized and 15 male and 15 female alumni took part. The Male Alumni team was declared as the winner.

Few other fun filled games were organized . The alumni participated excitedly and really enjoyed the games.

After these activities lunch was organized for all . During the lunch all alumni exchanged views with one another . Hon'ble Vice Chairman, Pro Vice Chancellor interacted with the Alumni and appreciated their their success story.

Afternoon session started at 3 pm in the Auditorium, where the alumni from the entire university from 2001-2016 batch gathered.

The program started with the lamp lightning by Mr. Priyank Singhal Assistant Professor CCSIT, also an alumnus of the college.

Hon'ble Chancellor Sri Suresh Jain, Pro Vice Chancellor Prof Raghuvir Singh, Joint Registrar Governance Dr Aditya Sharma, gave their blessings to students and alumni. Cultural programs were presented by students of all colleges and garnered a huge applause from the audience .

A session on alumni talk was organized thereafter. This led to the alumni sharing their experiences in and after college life.

The Alumni Meet drew to a close with the speech of Mr. Akshat Jain, esteemed member of TMU Society.

At last, Dr Vivek Raman Registrar TMU, proposed the vote of thanks. He thanked the Alumni for taking the time to come for the Alumni Meet who made it a very special and memorable one. He thanked the various organizers of the event (teaching, non-teaching staff and the enthusiastic student volunteers) whose hard work and dedication made the event possible. He also thanked the management of TMU for the support and guidance which had made Alumni Meet 2020 a grand success.

A Voice of an effort...

" Radico Khaitan Ltd., Rampur"
Dated March 04, 2020

Faculty of Engineering and Computing Sciences (FOE&CS), Teerthanker Mahaveer University organized one day industrial visit to Radico Khaitan Ltd. (RKL), Rampur on 4th March, 2020 for Mechanical Engineering students. This visit was organized with the prior permission and guidance of Honorable Principal Prof. R.K. Dwivedi. The tour was coordinated by Mr. Arun Gupta and Mr. Shri Bhagwan, Asst. Professor, Mechanical Dept. 50 students of B.Tech Mechanical Engineering (2nd year and 3rd year) visited the plant to acquire the technical knowledge and exposure in various fields.

Radico Khaitan Ltd. is located in Rampur, Uttar Pradesh (India). Radico Khaitan, was earlier known as Rampur Distillery, commenced its operations in 1943 and is amongst the oldest & largest manufacturers of Indian Made Foreign Liquor ("IMFL") in India. It manufactures high grade ENA (Extra Neutral Alcohol) from molasses and grain with a production capacity of 75 Million litres of molasses ENA, 30 million litres of grain neutral spirit annually.

After reaching the plant, Mr. Ajeet Singh, Senior Manager (Production) with his team members Mr. Manish Balyan, Manager (Process) and Mr. Yashveer Singh, Manager (Safety) guided the students during the whole visit. Mr. Manish Balyan gave the complete description about the process flow of the plant. Mr. Yashveer Singh, instructed the students about the safety precautions to be taken during the plant visit. They also celebrated the 49th National Safety Day with the students.

Students learned about the cogeneration plant of the Rampur Distillery which consists of 26 MT capacity of a stand-alone, biogas fired steam boiler, a 2 MW turbine generator, a 30 MT capacity biogas and rice husk based boiler, and 2.5 MW in tandem to make the unit self-reliant in meeting power requirements for normal operation.

Students visited to the Biogas generation (BGG) unit where they learned that how the plant is meeting its fuel and power requirements by utilizing its effluent for generating the biogas, which is used as fuel in a Cogen boiler to generate steam and then power through a backpressure turbine for its captive requirement. The prime objective of this visit was to provide the practical exposure to the students about industrial boilers for steam generation and turbines for in-house power generation.

At the end, we would like to extend our sincere thanks to the whole team of RKL including Mr. Ajeet Singh, Mr. Manish Balyan and Mr. Yashveer Singh for their cordial support and guidance.

A Voice of an effort...

Workshop on Stress Management in Totality- A Practical Approach

Department of Civil Engineering organized one day workshop on 'Stress Management in Totality- A Practical Approch' for the students of B.Tech Civil IV, III & II year successfully on 05/03/2020 in LT-3. This workshop provided the opportunity to the students to gain knowledge regarding quick relaxation strategies that students can use to help moderate their stress response and activate their relaxation response. The workshop started with inaugural function, in which the lamp lighting was done by our chief guest Prof. Raghuvir Singh, officiating Vice Chancellor, TMU, Moradabad, Dr. Vikas Srivastava, Asso. Professor SHUATS, Allahabad, Prof. (Dr.) R.K. Jain (HOD, CED), convener Mr. Ankit Kumar, Mr. A. K. Pipersenia, Mr. Amit Kumar and Ms. Nisha Sahal. Prof. Dr. R. K. Jain welcomed the guests. Prof. Raghuvir Singh told that feelings of stress and anxiety are a part of life. Some levels of stress can actually be good for us, as the right kind of stress encourages us towards change and growth. However, when stress and anxiety exist for an extended period of time, they can become a burden or even a health risk.

After the inaugural ceremony, an expert talk was held on stress management which was given by key note speaker Dr. Vikas Srivastava, Asso. Professor, SHUATS, Allahabad. He shared his knowledge and experience with the students. He told that stress can be defined as our emotional, cognitive, physical, and behavioral reaction to any perceived demands or threats, also called stressors. Stress is related to other aspects of our lifestyles--our diet, exercise patterns, thoughts, and environment.

If we do not have effective ways of moderating the stress response, then experiencing it numerous times throughout the day over many days can eventually hurt our well being, decrease our performance in the various activities we do, and strain our relationships.

Students learned and practised how with the help of meditation they can overcome the stress they face in their daily life. He also emphasized on the benefits of 'Sahaz Yoga' in personality development. Department is thankful to Prof RK Dwivedi Director and Principal FOE&CS for the approval and guidance in conducting this workshop successfully.

A Voice of an effort...

Institute of Himalayan Bioresource Technology(CSIR- IHBT), Palampur, Himachal Pradesh

Introduction

The educational tour, as per the curriculum, was an exposure trip to a place of scientific importance. The tour programme of Department of Physics, FOE&CS, Teerthanker Mahaveer University (TMU), Moradabad was planned for four days. Thirty students from Department of Physics and three faculty, Dr. Amit K. Sharma, Dr. Vishnu Prasad Shrivastava and Ms. Neha Anand accompanied them.

Objective

The visit was to CSIR- Institute of Himalayan Bioresource Technology (CSIR- IHBT), Palampur for the students to learn and get acquainted to the current research in Nanotechnology & entrepreneurship.

Tour Report

The visit was to CSIR- Institute of Himalayan Bioresource Technology (CSIR- IHBT), Palampur for the students t We gathered in TMU campus at around 12:30 hours on 04th March, 2020 and started from the college at 13:00 hours. We reached to CSIR- IHBT at 10:00 hrs on 05th March, 2020. We were welcomed by Mr. Vivek Awasthi, Assistant of Dr. Girish Nadda, Principal Scientist, In-charge Training & Visits. Mr. Vivek guided us during our visit to spectroscopic, microscopic labs and manufacturing units of green tea, for their live demonstration and explanation of their working and applications. o learn and get acquainted to the current research in Nanotechnology & entrepreneurship.

Scientific Activities

The visit was to CSIR- Institute of Himalayan Bioresource Technology (CSIR- IHBT), Palampur for the students t We gathered in TMU campus at around 12:30 hours on 04th March, 2020 and started from the college at 13:00 hours. We reached to CSIR- IHBT at 10:00 hrs on 05th March, 2020. We were welcomed by Mr. Vivek At around 10.30 hrs, Mr. Vivek took us to Nanoscience lab where Dr. Avinesh Kumari, Senior Scientific Officer, demonstrated the functioning of Transmission Electron Microscopy (TEM) and Scanning Electron Microscopy (SEM) and shared her experimental knowledge.

Both the microscopy used for seeing very small objects (e.g. bacteria, nanoparticles etc.). They showed their working and applications in various objects. After that, we moved to Biochemical lab. In this lab, Dr. Robin Joshi, Senior Scientific Officer, demonstrated the working and uses of Electrospray Ionization Quadrupole Time of Flight (TOF)- ion mobility mass spectrometry and explained the Physics of it. Then, we moved to visit the Nuclear Magnetic Resonance (Proton and C-NMR) lab where Mr. Shivkumar, Senior Technical Officer, demonstrated the working and applications of this instrument and also discussed about retention time of atomic nuclei at an applied magnetic field. Dr. Dimppy Dhiman, Senior Technical Officer, explained how we can analyze the pathways of nanoparticles in drug delivery systems as a nanocarrier by Confocal Microscopy which is useful for seeing small objects and to study their emission properties of fluorescent nanoparticles. At last, we visited to green tea manufacturing units where Dr. Ajay Rana, Senior Scientist showed the working and processing methods for preparation of Kangra Tea and Kangra Tea Wine and also shared the knowledge of entrepreneurship.

After seeing the demonstration, we left from CSIR- IHBT by 16:00 hrs. We halted at night in a hotel at Palampur. The next day, we visited some of local places near Palampur and returned back to TMU, Moradabad after travelling around 16 hrs of journey by Bus.

Awasthi, Assistant of Dr. Girish Nadda, Principal Scientist, In-charge Training & Visits. Mr. Vivek guided us during our visit to spectroscopic, microscopic labs and manufacturing units of green tea, for their live demonstration and explanation of their working and applications. o learn and get acquainted to the current research in Nanotechnology & entrepreneurship.

A Voice of an effort...

WORKSHOP 'MATLAB FOR BEGINNERS'

Advance Education can bring a better world: Professor RK Dwivedi

Department of Electronics and Communication Engineering of Teerthanker Mahaveer University, Moradabad organized two days workshop on MATLAB on 04, 05 March 2020. The workshop was inaugurated by Professor Raghuvir Singh Hon'ble Vice Chancellor (officiating) and Professor Rakesh Kumar Dwivedi, Director & Principal FOE&CS. The workshop started with the welcome note by Dr. Mudita Juneja, Workshop convenor and Head of the department, Electronics and Communication Engineering. Two of the student coordinators, Ms. Trapti and Mr. Rahul Jain, briefed about the workshop schedule and coordinated the activities in seminar hall. The chief trainer and speaker of the workshop, Mr. Shubhranil Kundu, Microsoft certified Trainer, Aspirevision Tech Education Foundation, informed the participants about importance of MATLAB in industry applications. More than 100 students and faculty members were benefited with two days workshop.

The workshop was conducted in both theoretical and practical sessions. The practical sessions provided deep insight into the MATLAB working and applications in various fields including signal processing, image processing, etc. The participants were delighted by knowing the effective modelling skills and their use in real life applications. The workshop concluded with vote of thanks by Dr. Pankaj Kumar Goswami and participants' feedback. The participants were advised to have such workshops more frequently to enhance value addition in routine curriculum. We are grateful for the cooperation of Dr Ashendra Saxena HoD, Mrs. Sakshi Singh, Mr. Rahul Vishnoi, Mr. Neeraj Kaushik, Mr. Prashant Kumar, Dr. Shakti Kundu, Dr. Garima Goswami, Mr. Manoj Gupta, in the organization of the two days workshop. The workshop introduced the utility of MATLAB in research activity and academics, for understanding the fundamentals of core subjects. Prof. R. K. Jain, Prof. Bidyut Chatterjee, Mr Pradeep Verma, Mr Raghvendra Kumar were also present during the workshop.

A Voice of an effort...

Alumni Talk Series "Samvaad"

The Alumni Talk Series "Samvaad" was organised by the Faculty of Engineering and Computing Sciences-FOECS, Teerthankar Mahaveer University, Moradabad on 15th February, 2020. The programme was inaugurated by Prof. Raghuvir Singh, Honourable Vice Chancellor (Officiating), TMU, Prof. Rakesh Kumar Dwivedi, Director and Principal, FOE&CS, TMU's Alumni and Guests Mr. Varun Awasthi, Online Educator and YouTuber, and Mr. Sanchit Mehrotra, Assistant Professor, Wilsonia Degree College, Moradabad, Dr. Ashendra Kumar Saxena, HoD, CCSIT, Mr. Shambhu Bhardwaj, Proctor, CCSIT in the presence of Mr. Priyank Singhal, President, College Alumni Association, Mr. Rupal Gupta, Vice President, College Alumni Association, Dr. Shakti Kundu, Dr. Rajeev Kumar and Mr. Manish Tiwari, Assistant Registrar and all the students with lighting the lamp before the statue of Maa Saraswati.

Mr. Priyank Singhal 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.

Prof. Rakesh Kumar Dwivedi, while explaining the importance of this program, encouraged the students to listen to the ideas of the college alumni and learn from their experiences with enthusiasm. He said that they can learn from their experiences and achieve success in the corporate world. He appreciated the efforts made by the college alumni association with the hope that they will continue the tradition of organizing such programs in future also. Giving mementoes to all the alumni guests, he expressed his heartfelt gratitude for their participation in this program and wished them a successful and bright future ahead.

Prof. Raghuvir Singh, in his inaugural address said that success has different meanings for different people at different times. He said that we cannot ignore the importance of efficiency, effort and networking today through which we can achieve many successes in life. He added that alumni's networking is very important to succeed today. He congratulated Prof. Rakesh Kumar Dwivedi, Director and Principal, FOE&CS and his entire team for the successful conduct of the event and extended his heartfelt greetings to all.

He said that he was delighted to come to the university, as TMU and its teachers have contributed a lot in what he is at present. He urged that we should always respect our teachers. He expressed his heartfelt gratitude to all the teachers for their education and guidance. Guest, Mr. Sanchit Maharotra said that there is no shortcut to achieve success, for this we should always follow our passion through hard work and consistency .

College alumni Mr. Vineet Saxena, Mr. Harjinder, Ms. Swati Vishnoi, Ms. Hina Hashmi, Mr. Amit Singh and other college teachers including Dr. Danish Athar, Dr. Sandeep Verma, Dr. Pankaj Kumar Goswami, Dr. Megha Sharma, Ms Inderjit Jheetay, Ms. Anu Sharma, Ms. Ranjana Sharma, Ms. Neeraj Kumari, Mr. Abhishek Kumar Saxena, Mr. Pradeep Sharma and all the students were present in the programme.

At the end of the program, Mr. Rupal Gupta thanked everyone. The program was successfully anchored by Mr. Zamin Ahmed (BCA)

A Voice of an effort...

National Youth Day

The Faculty of Engineering & Computing Sciences (FOE&CS), Teerthanker Mahaveer University, Moradabad celebrated the 157th Birth Anniversary of Swami Vivekananda on 14th January, 2020. The celebration started with the lighting of the lamp before the portrait of Swami Vivekananda by Prof. Rakesh Kumar Dwivedi, Director & Principal, FOE&CS. On this occasion, Prof. Rakesh Kumar Dwivedi highlighted the life and thoughts of Swami Vivekananda in his speech. He delineated that Swami Ji is the eternal source of inspiration for the youth that is why his birth anniversary is celebrated as the Youth Day. He also stated that Swami Vivekananda represented India in the World Religious Assembly of Chicago, America in 1893. A good number of scholars and thinkers were influenced with the marvellous and charismatic thoughts of Swami Ji. Swami Vivekananda lived in America for three years and educated the people of America with the tenets of Indian Vedanta philosophy. Prof. Dwivedi also motivated the gathering to implement the thoughts and experiences of Swami Vivekananda in the field of education. On this occasion, all the faculty and staff members of FOE&CS constituted the gathering.

Subhas Chandra Bose Jayanti

The Faculty of Engineering & Computing Sciences (FOE&CS), Teerthanker Mahaveer University, Moradabad celebrated the 123rd birth anniversary of Subhas Chandra Bose on 23rd January, 2020. The celebration started with the lighting of the lamp before the portrait of Subhas Chandra Bose by Prof. Rakesh Kumar Dwivedi, Director & Principal, FOE&CS. On this occasion, Prof. Rakesh Kumar Dwivedi highlighted the life and thoughts of Subhas Chandra Bose.

Netaji Subhas Chandra Bose played a very important role in the freedom struggle. With Dilli chalo, tum mujhe khoon do main tumhe azadi dunga slogans, Netaji made a place in the heart of Indians.

Prof. Dwivedi also motivated the gathering to implement the thoughts and teachings of Subhas Chandra Bose in our lives. On this occasion, all the faculty and staff members of FOE&CS were present.

A Voice of an effort...

Technovation Hackathon 2 Organized By - Sharda university supported by GNIDA

Greater Noida Industrial Development Authority organized Technovation Hackathon 2. in association with Sharda University. This was a two day event (25th & 26th January-2019). Ten teams of CCSIT participated in software category and the team named " Bomb Squad" with team members- Naman Gupta, Zamin Ahmed, Chhavi Vishnoi and Shivam Agarwal developed an andriod based application "SMART ROAD MANAGEMENT SYSTEM ROUGH PATCH DETECTION". This team won the prize of Rs. 10K and secured the third position in Technovation Hackathon 2.

Congratulations to the super team for making us

IMPACT OF COVID-19, PANDEMIC ON SOCIO-ECONOMIC AND EDUCATIONAL SYSTEM OF INDIA

This was the month of December 2019 when TV channels started showing the burst out of crona virus in China . It was very horrible for the Wuhan city of China. A large number of students from various places and business class people were trapped in Wuhan. The China played a hidden game with all over the world and allowed people to travel to all most every Country globally. Our Prime Minister Shri Narendra Modi also played very positive role to bring students and trapped people to bring India by special flights. This was a great job by our prime Minister but no body was knowing that this Crona virus will become havoc for the country.

During the month of January , and February the working scenario was changing and Government Of India was alarming the people to take care and maintain distance from the people . With in click of eyes the pandemic accelerated its speed and Crona infected patients were found in India & distinguished states of India. This was a very sad news and Government started thinking about the safety of the people of India.

PROFESSOR ASIM AHMAD , DEPARTMENT OF CHEMISTRY , FOE &CS

A Voice of an effort...

IMPACT OF COVID-19, PANDEMIC ON SOCIO-ECONOMIC AND EDUCATIONAL SYSTEM OF INDIA

We, all were doing duties of teaching learning process at Teerthanker Mahaveer University , Moradabad. During the month of March ,2020 this problem shoot out its impact and March, 18 ,2020 it was expected that these black clouds of Crona virus may hit the socio-economic and educational system of India . It was March,18 , evening when the administration Of TMU ,Moradabad took decision to close the University for three days (19th to 21) . Suddenly Prime Minister Narendra Modi decided to fight against this vulnerable virus , Covid-19.

The India was locked down with effect from March,22 and every one was stopped to travel , markets were shut down and universities, colleges, schools were closed till further order.

I say this Covid-19 has affected badly the Indian economy as well as the economy of powerful western countries. The university administration thought to start on line classes for the benefit of students in every college of the university. The pro vice chancellor of the university, Professor Raghuvir Singh , the director and Principal , Professor R.K.Dwivedi thought every moment for the benefit of students and imparted quality education to all most every student . The virtual atmosphere of education brought awareness about the remaining syllabus of respective courses and got self satisfaction for the proper growth and understanding of students. It happened in all universities ,colleges and schools Of India.

The social relations were hindered badly and no body was seen on road side . This was difficult time for the students, and citizens of every city. Strict and harsh rules were imposed by Government and every small and big business man was in genuine problem . This locked down and closure of universities have adverse impact on education . The virtual learning was excellent due to available technology but students felt restlessness and curious to see the normal days of the university.

This pandemic has hit millions of people in the world . Around 60 thousands have died , around 98 lacs are suffering from this deadly Covid-19 . Industries are shut down and laborers have faced very difficult time across India and Abroad.

Conclusion:- The covid-19 has changed the actual Scenario of education system. The real education has changed into virtual education . University and colleges are organizing webinars, FDP's to utilize this hard time into productive out comes. The industries are facing lot of problem to start production of respective products. They are again in dilemma of this time. In this way Indian economy has shattered and government of India is worried about this situation of the country. Due to epidemic nature of this Crona virus people are away from each other ,marriages and death have attain silence due to this pandemic Covid-19. Lastly medical facilities have changed their attitude and people are in large trouble on account of Crona virus .

I want to add that every one must work whole heartedly and nothing is permanent . The change will definitely recover its calm and peace full environment in all disciplines of India and abroad . We must pray the creator of the beautiful Planet and universe to save us from this disease of vulnerable nature .

I express my thanks and gratitude to His eminence Shri Suresh Jain , Shri Manish Jain , Vice Chancellor, Prof. Raghuvir singh, and most versatile person Prof. R.K .Dwivedi to maintain educational standard of the university/colleges. The actual days of this prestigious university will come back again soon to impart quality education and bring prosperity on the faces of parents . Every parent wants a positive environment in University and college. May Eshwer/ Allah bless us soon.

A Voice of an effort...

स्वामी विवेकानंद का भावपूर्ण स्मरण

मुरादाबाद। तीर्थंकर महावीर विश्वविद्यालय के फैकल्टी आफ इंजीनियरिंग एंड कंप्यूटिंग साइंसेस में स्वामी विवेकानंद जयंती मनाई गई। निदेशक प्रो. आरके द्विवेदी ने स्वामी विवेकानंद के उठो, जागो और तब तक मत रुको, जब तक लक्ष्य की प्राप्ति न हो जाए आदि विचार के माध्यम से विद्यार्थियों का उत्साहवर्धन किया। इस दौरान शंभु जैन, प्रो. विद्युत चटर्जी, प्रो. एस आर अली, डॉ. अशोंद्र सक्सेना, डॉ. शम्भू भारद्वाज, मनीष तिवारी आदि मौजूद रहे। ब्यूरो

टीएमयू में आईओटी पर कार्यशाला आयोजित

मुरादाबाद। टीएमयू के फॉकल्टी ऑफ इंजीनियरिंग एंड कम्प्यूटिंग साइंसेज में इंडस्ट्रियल इंटरनेट ऑफ थिंग्स में कार्यशाला आयोजित की गई। एजुकेशनल इंडस्ट्रियल ट्रेनिंग एंड सॉल्यूशंस, बंगलुरू के सीनियर एडवाइजर दिलीप तिवारी ने बतौर मुख्य-अतिथि, कम्प्यूटर आधारित प्रणालियों में प्रत्यक्ष एकीकरण के अवसरों के बारे में बताया।

टीएमयू छात्रों ने लर्न किए डिजाइनिंग के रिसेंट ट्रेंड

कार्यक्रम में शामिल टीएमयू के छात्र।

टीएमयू में इंडस्ट्री 4.0 पर नेशनल कॉन आज

मुरादाबाद। तीर्थंकर महावीर यूनिवर्सिटी के फैकल्टी ऑफ इंजीनियरिंग एंड कंप्यूटिंग साइंसेज की ओर से 29 फरवरी को इंडस्ट्री 4.0 पर नेशनल कांफ्रेंस होगी। इसमें देश के कई जाने माने विशेषज्ञ शामिल होंगे।

तीन सत्रों में होने वाली कांफ्रेंस में 70 शोध पत्र पढ़े जाएंगे। 35 पोस्टर प्रेजेंटेशन भी होंगे। आईआईआरएस देहरादून के निदेशक डा. प्रकाश चौहान मुख्य अतिथि होंगे। पैनासोनिक एवीसी नेटवर्क के निदेशक राजीव बजाज, आईआईटी रुड़की में डा. वीरेंद्र यादव और हिंदू कालेज मुरादाबाद के डा. अनिल कुमार गेस्ट ऑफ ऑनर शिरकत करेंगे। निदेशक प्राचार्य प्रो. राकेश कुमार द्विवेदी ने बताया कि अध्यक्षता कार्यवाहक वीसी प्रो. रघुवीर सिंह करेंगे। ब्यूरो

टीएमयू में एमपीएल सीजन-2 का आगाज

A Voice of an effort...

Media Corner

टीएमयू ने जीता टेक्नोवेशन हैकथॉन-2 में पुरस्कार

मुरादाबाद (ब्रिज)। तीर्थंकर महावीर विश्वविद्यालय के फैकल्टी ऑफ इंजीनियरिंग एंड कम्प्यूटिंग साइंसेज-एफओसीएस के विद्यार्थियों ने इंदर नोएडा इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी और शारदा यूनिवर्सिटी के संयुक्त तत्वावधान में आयोजित दो दिवसीय प्रतियोगिता टेक्नोवेशन हैकथॉन-2 में अंडर फ्रिंज का प्रदर्शन करते हुए दस हजार रुपये का नकद पुरस्कार जीता।

इस प्रतियोगिता में पूरे भारत से कुल 185 टीमों के 750 से अधिक प्रतियोगियों ने भाग लिया। इस हैकथॉन की पांच केटेगरी में स्मार्ट सिटिजन गवर्नेंस, स्मार्ट विश्वविद्यालय, सिक्योर एंड पार्किंग, स्मार्ट हेल्थकेयर सिस्टम, स्मार्ट वेस्ट मैनेजमेंट और स्मार्ट एनर्जी सिस्टम को थीम पर प्रतियोगिता आयोजित हुई। टीएमयू के कुलाधिपति की सुरेश जैन, एमडी वहज मैनेजिंग की मनीष जैन, वहज चेयरमैन प्रो. एसके उपाध्याय, संयुक्त रजिस्ट्रार प्रो. एल्वर्ड सिंह ने इस हैकथॉन में एफओसीएस के मेधावी छात्रों का

कॉलेज के निदेशक-प्राचार्य प्रो. अशेन्द्र कुमार की हिन्दी को सराहा की। एफओसीएस के निदेशक-प्राचार्य प्रो. द्विवेदी ने कहा, सुनाम इस विद्यालय की यूनिवर्सिटी का गौरव बढ़ाया है। उन्होंने विभागाध्यक्ष-टीम समन्वयक डॉ. अशोद कुमार सक्सेना और डॉ. वानित जैन की भी प्रशंसा की। इस हैकथॉन में एफओसीएस, सीएसएमयू की चार दल टीमों ने शिरकत किया, जिसमें कॉलेज की टीम तारुष रोज की प्रशिक्षामी विद्यार्थियों-टीम तरुण जतन गुप्ता, वासिम अख्तर, सोनी जिन्दि और किरण साक्षात ने अपने प्रोजेक्ट स्मार्ट रोड एनवायरमेंट सिस्टम स्मार्ट रोड डिटेक्शन में लगातार 24 घंटे का कोडिंग

बाल संरक्षण आयोग के चेयरमैन की पत्नी का निधन

मुरादाबाद (ब्रि.रा.)। राज्य बाल संरक्षण आयोग उत्तर प्रदेश के चेयरमैन डा. विशेष गुप्त की पत्नी डा. सुषमा गुप्त का निधन हो गया। वह काफी समय से बीमार थीं। उनके निधन से शोक की लहर दौड़ गयी। डा. सुषमा गुप्त महाराजा हरिश्चन्द्र डिग्री कॉलेज मुरादाबाद में कला संकाय में प्राध्यापिका थीं।

टीएमयू में मशीन लर्निंग यूजिंग पाइथन पर हुई वर्कशॉप

जाट रफ्तार ब्यूरो

टीएमयू में बसंत पंचमी पर पूजा अर्चना

जाट रफ्तार ब्यूरो

प्रयास और नेटवर्क से मिलती है सफलता

मुरादाबाद। तीर्थंकर महावीर विश्वविद्यालय के फैकल्टी ऑफ इंजीनियरिंग एंड कंप्यूटिंग साइंसेज में एल्युमिनाई टॉक सीरीज संवाद का आयोजन किया गया। मुख्य अतिथि कार्यवाहक कुलपति प्रो. रघुवीर सिंह ने कहा कि योग्यता, प्रयास और नेटवर्क महत्व को हम आज नजरंदाज नहीं कर सकते हैं। इनके माध्यम से हम जीवन में बहुत सी सफलताएं प्राप्त कर सकते हैं। एल्युमिनाई वरुण अवस्थी ने कहा कि हमें अपने शिक्षकों का सदैव सम्मान करना चाहिए। संचित मेहरोत्रा ने कहा कि सफलता प्राप्त करने का कोई शॉर्ट कट नहीं है। इसके लिए हमें अपने धैर्य से काम करना चाहिए। इस दौरान निदेशक-प्राचार्य प्रोफेसर राकेश कुमार द्विवेदी, विभागाध्यक्ष डॉ. अशेन्द्र कुमार सक्सेना, विनीत सक्सेना, हरजिंदर, स्वाती विश्नोई, हिना हाशमी आदि मौजूद रहीं। ब्यूरो

A Voice of an effort...

Faculty of Engineering & Computing Sciences

N.H. 24, Delhi Road, Moradabad, Uttar Pradesh 244001

Web: www.tmu.ac.in   Phone: +0591 236 0500   Email: university@tmu.ac.in