



October-December 2018

COMPUTING VISION

A Student Magazine



TOP WIPRO PLACEMENT

**VOLUME 4
ISSUE 2**

HIGHLIGHTS

- ✍ Message Board
- ✍ Workshop
- ✍ Freshers' Party
- ✍ Thomso Festival
- ✍ SMART International Conference
- ✍ WIPRO Placement Drive
- ✍ Student's Corner

**COLLEGE OF COMPUTING SCIENCES & INFORMATION TECHNOLOGY
TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD**



NEW YEAR WISHES



"In the New Year, never forget to thank your past years because they enabled you to reach today! Without the stairs of the past, you cannot arrive at the future!"

"In the New Year, never forget to thank your past years because they enabled you to reach today! Without the stairs of the past, you cannot arrive at the future!"

Hina Hashmi
Asst. Prof, CCSIT



**"For last year's words belong to last year's language
And next year's words await another voice."**

*"For last year's words belong to last year's language
And next year's words await another voice."*

HAPPY NEW YEAR...!!

HAPPY NEW YEAR...!!

Swati Vishnoi
Asst. Prof, CCSIT



"Be at war with your vices, at peace with your neighbors, and let every new year find you a better man."

"Be at war with your vices, at peace with your neighbors, and let every new year find you a better man."

HAPPY NEW YEAR TO ALL MY FRIENDS...!!

HAPPY NEW YEAR TO ALL MY FRIENDS...!!

Manish Tiwari
Asst. Registrar, CCSIT

Message Board



Shri Suresh Jain
Chancellor, TMU

I am heartily elated to know that College of Computing Sciences & IT, TMU is going to publish its quarterly magazine "Computing Vision-Volume 4, Issue 4". I extend my best wishes for a grand success of the efforts of CCSIT in publishing this issue in the beginning of new year 2019. I am sure that the magazine will provide a broad area for the proliferation of the knowledge for the youth and all other writers and readers as well. A magazine is a fountain of knowledge and wisdom that flows through its readers. I extend my whole hearted support to all the members of CCSIT for making their endeavor to enhance the skills and knowledge through its publication.



Shri Manish Jain
Group Vice-Chairman, TMU

It gives me immense pleasure to inform that CCSIT, TMU, Moradabad is bringing its quarterly magazine "COMPUTING VISION". One needs to take small steps to make it big one day, and "COMPUTING VISION" is a similar initiative in the direction of scientific progress through creativity and innovation. I offer my best wishes for the progress of this initiative, and a very happy new year to all the readers and my dear faculty members.



Prof. R.K. Mudgal
Vice-Chancellor, TMU

A new year ushers in fresh beginnings and positive changes. It heralds the sense of renewal - a renewal of purpose and collective commitment to excellence in teaching, learning and research work. I am enthused by the sincere efforts of the CCSIT fraternity for the readiness to meet new challenges and commitment to maintain high standards in the teaching learning process. I extend warm greetings and best wishes for a prosperous 2019.



Dr. Ashendra K. Saxena
Head of Dept, CCSIT (TMU)

I am quite pleased to learn about the forthcoming issue of the college magazine, 'Computing Vision'. The College Magazine-Computing Vision kindles the imagination of our learners. It is a platform for the students to express their creative pursuit which develops in them originality of thought and perception. The contents of the magazine reflect the wonderful creativity of thoughts and imagination of our students. I appreciate every student who shared the joy of participation in co-curricular and extracurricular activities along with their commitment to curriculum. I applaud the editorial team for the hard work and dedication they have invested in realizing this goal, and wish my dear students success in all future endeavors.



Prof. Rakesh Kumar Dwivedi
Principal, CCSIT(TMU)

I am glad to pen for the wonderful quarterly magazine "Computing Vision" of College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, Moradabad as an appreciation of the commendable and stupendous efforts put forth by the dedicated team for continuing the spirit of achieving greater success and scaling newer heights by ringing the students and teachers of various disciplines on a common platform to share and display their innovative ideas and creative talents. "We cannot always build the future for our youth, but we can build our youth for the future."

These words of Franklin D. Roosevelt perfectly describe our aim at CCSIT. The future is abstract and unknown but the youth in our hands are real and can be molded. However, what makes me happier is when a weak

student from a rural background progresses steadily from poor performance to better performance, moving towards excellence. I extend my heartily thanks to my colleagues and students for their valuable contribution to the present volume of "Computing Vision". I would like to take this opportunity to thank you all for making the year 2018 one of the best year of my life. I would like to thank to the Almighty God, my family, friends. I thank you once again for your support, help and guidance in different areas of my life. You all are wonderful people. May the New Year 2019 bring to you warmth of love, a light to guide your path towards a positive destination and be the best year you have ever had. Have a blissful new year!

Happy New Year!!

SMART 2K18



Initially, we received 197 research papers for the conference which were then sent for plagiarism test and peer reviews by our prestigious reviewers and finally 52 papers were found worth presenting and publishing in the proceedings of the conference. These 52 papers were further divided into 7 technical sessions which were chaired and co-chaired by our valuable guests. IEEE International Conference SMART 2018 was scheduled in two Days, and the summary of all days is as follows-

DAY-1

7th International Conference SMART 2018, technically co-sponsored by IEEE Uttar Pradesh Section, started with the inaugural session in which the Chief Guest, Prof. S. N. Singh, Vice Chancellor, MMM University of Technology, Gorakhpur threw some light on the establishment of IEEE UP Section, importance of IEEE and Digital India.

The inaugural session was presided by Prof. Raghuraj Singh, HBTU, Kanpur. In the session the Guest of Honour Prof. Prof. **NOOR IZZRI bin ABDUL WAHAB**, University Putra Malaysia, Qasim Al-Shidi, IT Expert National Bank of Oman and Dr. Danila Parygin, Vologograd State Technical University, Russia, graced the conference with his presence and blessings. **The proceedings of the conference was officially released by the dignitaries on the dais. Total 24 papers were presented on the day in 3 parallel sessions.**

Technical Session Details of Day-1

TRACK	Session Chair I	Session Chair II	Total papers Presented
1	Dr. S K Malik	Dr. Tanupriya Chaudhary	8
2	Dr. MK Sharma	Dr. Vinay Rishiwal	8
3	Dr. Vibhash Yadav	Dr. Aseem Chandel	8



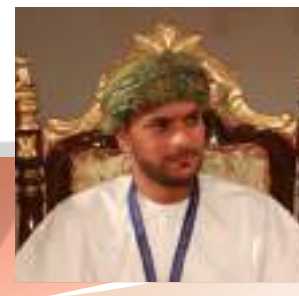
SMART 2K18



DAY 2

IEEE International Conference SMART 2018 was blessed with the presence of Prof. R K Mittal Vice Chancellor, Chaudhary Bansilal University, Haryana as a chief guest and Prof. Dr. Mohammad Sarosh Umar, Chairman of Computer Science Engineering & Technology, AMU, Aligarh preside over the function on the Day two along with Prof. Ravindra Singh, Head Computer Science engineering & IT, MJPRU, Bareilly, Prof. Dr. Danila Parygin, Vologograd State Technical University, Russia, who were the guest of honor for Day 2 of SMART. Main focus of the talk of all guests was on the advancement in technology in the areas of Vehicular Ad-hoc Network, E-Governance, IEEE defining standards, role of information technology in advancement of medical sciences and upcoming opportunities in the area of computer science and IT. The following talks were delivered on Day-2 sessions. Total 28 papers was presented on the 2nd day in 4 parallel sessions.

TRACK	Session Chair I	Session Chair II	Total papers Presented
4	Dr Umang	Dr Paramanand Astya	7
5	Prof Ravindra Singh	Dr. S.K. Gupta	7
6	Dr. Manoj Gupta	Dr. Danila Paryigan	7
7	Prof. Karamjeet Bhatia	Dr. Narendra Kohli	7





BCA FRESHERS' PARTY

BCA Vth sem students of College of Computing Sciences & Information Technology, Teerthanker Mahaveer University has organized Freshers' party "Novita Fiesta" for newly entrants of BCA. The chief guest of this event was Prof. R.K. Mudgal, Vice chancellor of Teerthanker Mahaveer University. With the chief guest, other dignitaries Prof. Raghuvver Singh (Pro Vice Chacellor), Prof. K.K.Pandey (Dean Academics), Mr. Aditya Sharma (Joint Registrar), Prof. R.K. Dwivedi (Principal), Dr. A.K.Saxena (HOD) grace the event with their presence. The program was started with the lightening of the lamp by the dignitaries. Prof. R.K.Mudgal, Prof. Raghuvver Singh, and Prof. R.K.Dwivedi motivate the students with their motivational words. Prof. Mudgal told the student about the rapidness of today's world. He also said, " Every person must educate with power, wisdom, knowledge and health". In this event, BCA Vth sem and BCA 1st sem has organized a cultural program including singing, dancing and games. BCA Vth sem students also organized Mr. & Miss Freshers' event. In the end of this, Aditya and Abeer Masroor won the title of Mr. & Miss Fresher. Prashant Siwan and Shanya Sharma have won the title of Mr. & Miss Style Icon and Star of the event award won by Aasma. In the end, Course Coordinator of BCA, Dr Ambuj Kumar Agarwal gave vote of thanks.

B.Sc (H)-CS FRESHERS' PARTY

HOLA JUNIORS-2K18

A freshers welcome party was organized on 25th October 2018 by B.Sc(H)-CS. The purpose was to make every "fresher" to feel like a member of the CCSIT family and get ready for the challenges ahead. Jovial smiles and high spirits marked the welcome party for the students. The party organized in Lecture Theater-2 on 25th October 2018, manifested youth and enthusiasm at its full flow.

Principal, Dr. Rakesh K. Dwivedi inaugurated the event with the lighting of the ceremonial lamp along with Prof. Rakesh K. Mudgal, Vice Chancellor, TMU.

With pulsating ambience, flashing lights and foot tapping music, the party began with a blast. As the mercury began to rise, the dance floor was left open for some unbridled energy. Joy and happiness could be seen on every student's face. It was a fun filled event at which the fresher's got an opportunity not only to showcase their talents and but also to interact with the seniors.

Many awards won by juniors and seniors.

1. Miss Glimmer(Miss Fresher)- **Ayushi Saxena**
2. Mr. Hunk(Mr. Fresher)- **Deepak Pandey**
3. Mr. Punctual:- **Sachin Kumar**
4. Ms. Jolly Good Fellow:- **Zeba Naaz**
5. Mr. Innocent:- **Rajan Sharma**
6. Ms. Hidden Master-Palak
7. Einstein of Batch 2016-17- **Prachi Tripathi**
8. Mr. Computer Mastero :- **Md. Faizan Ahmed**
9. Mr. Athlete 2016-17:- **Md. Aman**
10. All-rounder of the batch 2016-17:- **Pawan Jayas.**

Soon after the completion of tasks given by the seniors, the program kick-started with a ramp walk in which many contestants vied for the Mr. and Miss Fresher 2018-19 title. The contest included several rounds involving singing, dancing, talent display, dress parade and the like, which wove the magic of fun and joy into the event.



AAGHAZ-2K18

B.Sc.(Animation) students of College of Computing Sciences & Information Technology, Teerthanker Mahaveer University had organized Freshers' party for newly entrants. Prof. R.K. Mudgal, h'ble Vice chancellor of Teerthanker Mahaveer University was invited as the chief guest for this event. With the chief guest, other dignitaries Prof. R.K. Dwivedi (Principal), Dr. A.K.Saxena(HOD) also graced the event with their presence. The program was started with the lightening of the lamp by the dignitaries. Prof. R.K.Mudgal and Prof. R.K.Dwivedi motivated the students with their enlightening words. In this event, students have performed many cultural programs like singing, dancing and games. B.Sc.(Animation) students also organized Mr. & Miss Fresher's event. In the end of this, Sanskar and Shaniya won the award of Mr. & Miss Fresher's. In the end, Course Coordinator of B.Sc.(Animation), Mr. Pradeep Kumar Gupta gave vote of thanks. Ms. Sonali Vishnoi, Ms.Hina Hashmi, Ms. Shikha Gambhir, Ms. Kanika Agarwal also graced the event by their presence.

B.Sc (Animation) FRESHERS' PARTY



MCA Fresher's Cum Farewell Party

"Fresher Party & farewell day" Seniors & juniors of College of Computing of Sciences and Information Technology "CCSIT" TMU organized "Fresher Farewell party" On Monday, October 29, 2018. The Chief Guest was our Hon`ble Vice chancellor Professor R.K Mudgal sir and Guest Of honor was Professor Rakesh Kumar Dwivedi ,Principle of CCSIT. Theme was "Tech-O-Geeks". The event started with the lightening of lamp by Hon`ble Vice chancellor Professor R.K Mudgal sir ,Professor Dr. Rakesh Kumar Dwivedi and all faculty members present. Our beloved Principal gave a very heart-warming speech and he also welcomed the freshers and expressed gratitude for our seniors on their farewell.

Later the event was continued by a dance by Monisha, Ayushi and Shaily . Hon`ble Vice chancellor was invited to share and express his views, he said " The students are the future of our country". The party continued with a solo dance performance by Monika Jain. The party closed with a ramp walk by all Seniors & Freshers. Arpita Jain , winner of Ms. Fresher an Gyanendra Tripathi , Winner of Mr. fresher stated that "It has been a dream come true for us and will try my level best to perform the tasks as per others expectations". Aanchal and Saurav won the title of Ms. & Mr. farewell. The honours were rewarded by Anamika Agnihotri and Surbhi Madan. Hon`ble Vice Chancellor Professor R.K Mudgal sir and Guest of honour Principle of CCSIT , advised the MCA family members of CCSIT to maintain the same legacy as was maintained by their seniors.



MCA Buddies





CHILDREN'S DAY CELEBRATION



CCSIT, TMU celebrated Children's Day on 14 Nov 2018. All the students gathered in the ground with all the faculty members. Principal Prof. R.K. Dwivedi addressed the students and shared his views about our first Prime Minister late shri Pt. Jawahar Lal Nehru. All the members of CCSIT paid their tribute and gratitude by offering flowers on the photo of Chacha Nehru. On this occasion Prof. Dwivedi distributed a famous book titled 'SURVIVE OR SINK' authored by 'NAINA LAL KIDWAI' to all the students/faculty members/staff. HOD Dr. A.K. Saxena, Proctor Shri Shambhu Bhardwaj, Asst. Registrar Shri Manish Tiwari and Abhishek Saxena along with all faculty members and staff were present and Ms. Surbhi Madan anchored the program.



BALMIKI JAYANTI

CCSIT celebrated Balmiki Jayanti on 24 Oct 2018. All the students along with all the faculty members and staff gathered in the hall. Principal Prof. R.K. Dwivedi shared his views about Maharishi Balmiki ji and said that he is considered as the chief sage of India and he also has the distinction of being a great poet of Sanskrit language. The Ramayana, composed by him is considered to be one of the greatest epic of Indian history. Dr. Sandeep Verma and Dr. Barun K. Jha also presented their views on this occasion. On this event HOD Dr. A.K. Saxena, Proctor Shri Shambhu Bhardwaj, Asst. Registrar Shri Manish Tiwari and Abhishek Saxena were also present.



BEST PROJECT AWARD CEREMONY



CCSIT declared the Best Project of Session 2017-18 Even Semester. Three teams were identified in three categories ie, Business Value, Process Effectiveness, and Best Team Coordination.

CCSIT honored and awarded 11 best teams in different categories. Chief guest Mrs. Rashmi said, we know the talent to utilize the limited resources in a better way. Principal Prof. Rakesh Kumar Dwivedi congratulated all the members of the winning teams. Mr. Rajendra Prasad Pandey (Project Coordinator) talked about the process involved for selecting the best projects in CCSIT.



Awarded Project Supervisors:

- ☪ Dr. Ambuj kumar Agarwal
- ☪ Dr. Apit Jain
- ☪ Mr. Mahindra singh sagar
- ☪ Mrs. Hina Hashmi
- ☪ Mr. Manish Joshi
- ☪ Dr. Rajeev Kumar
- ☪ Mr. Shobhit Kumar
- ☪ Mr. Pradeep Kumar Gupta.

IBM KIT DISTRIBUTION

College of Computing Sciences and Information Technology organized an event to distribute the Kits including books, bags, sippers and caps for B.Tech CSE-IBM students in November 2018 with the data provided by IBM will help in measuring the effectiveness of students outcome for its findings that will be used to improve the quality of education. To measure the effectiveness and impact of this distribution on the recipient students. In total, 39 beneficiary students were involved in this process, the distribution was carried successfully by joint efforts of TMU- IBM. This distribution was done by Prof. R.K. Dwivedi (Principal, CCSIT, Teerthanker Mahaveer University) and Dr. Rajeev Kumar (Program Coordinator of B.Tech IBM and Associate Prof. CCSIT, TMU Moradabad).



Our Top Recruiters



Cognixia

This company which originally was called Collabera. They selected 7 students from CCSIT.

Cryptus Cyber Security

It's a Cyber Security company based out of Noida. They organized their selection process and 1 student have been selected for train and deploy model.

Wipro Technologies

For the 1st time Wipro Technologies is an on Campus Placement Drive for B.Tech. Students of this region at TMU, CCSIT as its Nodel Centre. 700 Students took part in the test process. Wipro also conducted its WASE Program and selected 21 students from TMU.

Rostan Technologies

A start-up in the highly training domain based in Gurgaon. They conducted their process and selected 5 MCA students.

Agile Softech

It is one of the regular visitors of CCSIT and this year it has selected 5 students from MCA.

NS Matrix Services

It's a Networking Company based in New Delhi. They conducted their process and selected 6 MCA students.

Cetpa Infotech

It's a multi-domain company which is a renowned name in the training sector. It organized its selection process and shortlisted 5 students.



News Corner



टीएमयू के सैफत प्लेसमेंट में बसंत अग्रवाल और विक्रम

टीएमयू के 22 छात्रों को मिली नौकरी

मुगदाबाद। टीएमयू के कॉलेज ऑफ कम्प्यूटिंग साइंसेस एंड इन्फॉर्मेशन टेक्नोलॉजी (सीसीएसआईटी) के 22 छात्रों ने विभिन्न परणों को परीक्षा के माध्यम से 22 विद्यार्थियों का अंतिम रूप से चयन हो चुका है। कॉलेज प्राचार्य प्रो. आरके अग्रवाल, अध्यक्ष की शुभकामनाएं दीं। डॉ. श्रीकांत अग्रवाल, मनोज गुला आदि मौजूद

नई तकनीक से रुबरु हुए छात्र-छात्राएं

मुगदाबाद, जास : तीर्थंकर महावीर विश्वविद्यालय के कॉलेज ऑफ कम्प्यूटिंग साइंसेस एंड इन्फॉर्मेशन टेक्नोलॉजी में शनिवार को ट्रेनिंग और प्लेसमेंट वर्कशॉप का आयोजन किया गया। एमसीए फाइनेंस, नर्सिंग के छात्र-छात्राओं के लिए आयोजित वर्कशॉप में छात्र-छात्राओं ने चढ़-चढ़ टेक्नोलॉजी से आए शनिवार कंसल्टेंट सेक्टर से जुड़े विभिन्न विभागों और तक रिपल इन्टेलिजेंस, रोबोटिक्स, मशीन लर्निंग एंड डेटा साइंस प्रोग्राम

रोजगार के लिए 22 छात्र-छात्राओं का चयन

मुगदाबाद, जास : टीएमयू के कॉलेज ऑफ कम्प्यूटिंग साइंसेस एंड इन्फॉर्मेशन टेक्नोलॉजी (सीसीएसआईटी) के 22 छात्र-छात्राओं का रोजगार के लिए चयन हुआ। विभिन्न भारतीय कंपनियों ने सीसीएसआईटी के स्टूडेंट्स को लक्ष्य करोगे। प्राचार्य प्रो. आरके अग्रवाल ने सभी चयनित छात्र-छात्राओं को बधाई दी।

आईटी में करियर के बारे में बताया

मुगदाबाद। टीएमयू के कॉलेज ऑफ कम्प्यूटिंग साइंसेस एंड इन्फॉर्मेशन टेक्नोलॉजी में ट्रेनिंग एंड प्लेसमेंट पर वर्कशॉप का आयोजन किया गया। सचिन शर्मा ने आईटी सेक्टर के बारे में विस्तार से जानकारी दी। सफलता की असौख्य संभावनाओं के बारे में बताया। आईटी में करियर के बारे में बताया। इस दौरान श्रीकांत अग्रवाल, विक्रम रैना आदि रहे।

BEYOND THE IJMITS



THOMSO

2K18

Students of CCSIT attended THOMSO 2K18 at IIT ROORKEE. It was a 3 days event from 26th – 28th Oct (2018), Covering :-

- ✍ Cultural events: - Singing, Dancing, Nukad Natak etc.
- ✍ Adventurous events: - Scavenger Hunt, Treasure Hunt etc.
- ✍ Technical seminars and workshops.

Total 96 students of CCSIT have represented TMU in those events gracefully and the event was a great success. All the students had a wonderful experience of facing great challenge in all the events with other participants from all over India . Many of the students qualified for the finals and won some volunteers award in various events and came out with flying colors.

The faculty members from CCSIT supported the students during the event at IITR. The Tour of the students was a grand success and a good experience for the students to learn IIT culture. It will definitely help them in future aspects for thier managerial skills.

Mr. Prince UK Winner

It is a matter of pride that Mr. Dipansh Motla student of BCA final year has won the modeling competition organized by Destination Group of Uttarakhand. College of Computing Sciences and Information Technology, TMU Moradabad congratulate him for this achievement. Prof. Vipin Jain (Principal, TMIMT) along with Shri Navneet Vishnoie-2 and Dr. Ambuj Agarwal (program Coordinator, BCA) also congratulating Dipansh for this success.



Haryana Cricket Cup Winner

The student of college of Computer Science and information technology TMU Moradabad has Participated and won man of the series and runner up trophy in the National Players League Cricket (NPL) played in Delhi from 1st November to 4th November 2018. He represented Haryana state as a captain. It is India's biggest talent hunt for promotion of grass root sports. It's an initiative of the Sport Promotion Federation of India, the NPL, as it's popularly known, offers the ultimate platform for youngsters. Got selected in the National Tournament which held in the 1st week of December 2018 in Goa. Divin Chaudhary B.Sc. (H) C.S CCSIT congratulate Divin along with his motivating mentor Navneet Vishnoi for this achievement.



Amrapali Trophy



“Late Smt. Kamla Dhingra Memorial Meet (KDMM- 2018)” is a technical event conducted by Amrapali Institute of Technology Haldwani on October 25, 2018, is about technical language in which jumbled form of code is given and healthy environment of inter collegiate exchange among students and new approach towards the fields of educational development. The participants are provided with a jumbled code and output. They have to arrange the code in proper sequence and exactly match with the given output. Institute received magnificent number of participation in this event. As this event enhance student's basic programming language concepts. Total **21 University over India** participated in the event. And from College of Computing Sciences and Information technology, Teerthanker Mahaveer University, Moradabad total 2 students participated in this event and they win a 1st position in Quiz compition and student name is Pratiksha kaushik and Akshay kumar sidhu had participated in this event. Participation in this event was commendable and from CCSIT, TMU Managed by Dr. Rajeev Kumar, Associate Professor, CCSIT, TMU Moradabad

ANGULAR-5

It is one of the regular company of CCSIT which provide training to our B.Tech. (CSE) & MCA Students; So that they can become technocrats and ready for the IT sector. This time Mr. Sandeep Karan the trainer of CAC Ltd gives training in Angular 5. Angular 5 is a latest technology which empowers the Web Developers.



WORKSHOPS &

Model United Nations is a platform that enables the candidates to play role as the delegates of different countries. Such a platform was introduced by a MUN organizing committee under the banner of Teerthanker Mahaveer University named as TEERTHANKER MAHAVEER MODEL UNITED NATIONS (TMMUN). This committee happened to conduct its very first MUN on 26th of October, 2018. 45 delegates attended the Conference where the committee was "Human Rights Council" and the agenda for the committee was "Child abuse and women empowerment in Middle Eastern Countries". The dignitaries, witnessed were Prof. Dr. R. K. Dwivedi (Director-CCSIT), Dr. Firasat Ali, Joint Registrar, TMU and Dr. Rajeev Kumar. As for the chair, we had with us every experienced (40+ MUNs) Mr. Varun Sahai (Agra) and the small-boy- big thoughts Sambhav Garg (Bareilly).

There were multiple motions raised such as-"Reasons that are holding Arab women from achieving women empowerment", the delegate of United Arab Emirates raised the motion-"Child abuse-A threat to humanity". Such more motions were raised and healed. All the delegates were awarded with the certificate of participation and then came the moment of suspense-The Best Delegate, High Commendation and Special Mention. The award for the Best Delegate was awarded to Slovenia which was represented by Jayati Pathak, from MBBS (4th Year), the High Commendation was awarded to United Arab Emirates which was represented by Shubham Kr. Jain, from B.Tech CSE (3rd Year) and the Special Mention was awarded to United Kingdom which was represented by Utkarsh Singh, from B.Tech IBM (3rd Year).

DESIGNING NETWORK



On 26 Oct, 2018 a two day workshop on “Designing Enterprises Network” was organized by CCSIT , TMU Moradabad in collaboration with iNurture Pvt Ltd., Bangalore for the students of B.Tech(CTIS) II yr students. The workshop opened with Saraswati Vandana through lamp lighting done by the h’ble Principal, resource and by other respected dignitaries. The session was inaugurated by the motivational words of Principal Sir defining determination, dedication as the key ingredients to success. He also stated that time waits for none and it always keep flowing and even God also follows this time span, as usual without making any updation. In this respect he also added a quote from Bhagwat Geeta stating that karma should be performed in same way as we meditate for bigger goals. Further he welcomed the keynote speaker and requested him to utilize this 2 day time in a full efficient way so that students get facilitated with practical knowledge. He also highlighted the tangible world of internet running on underlying robust network architecture requires a thorough knowledge of designing a network that ensures proper security and enable different applications based on Big Data, IoT and mobile devices. Lastly the key note speaker was welcomed to start the session. This occasion was graced by Pramod Vishwakarma(Mentor – iNurture), Praful Saxena (BCA – coordinator), Neha Singh, Bhupinder, Vijay, Vinay, Sumit, Amit and Preety Saini.



SEMINARS

On 16 October, 2018 a one day workshop on “App development using Android” was organized by CCSIT , TMU Moradabad in collaboration with iNurture Pvt Ltd., Bangalore for the students of BCA (Mobile Application and Web Technology) and MCA. The workshop started with seeking blessings of Maa Sarswati through lamp lightening done by Principal Sir, resource person and by other respected dignitaries. The session was ignited with the motivating words of Principal Sir elaborating the importance of android technology in current scenario. He added that a person should always be in a learning phase as saturation in learning will yield a stagnant growth. He also emphasized on the better utilization of time. The session was conducted by Keynote speaker Mr. Vikrant Singh, Senior Faculty - iNurture. He showcased Java and Kotlin languages that are required for application development in android and also discussed the use of Google maps in android. Students also had hands on experience on using the web services for the development of applications in android. The session ended with highlighting the career prospects in android application development. The workshop was also attended by following dignitaries Mr. Manish Tiwari (Assistant Registrar), Mr. Pramod Vishwakarma (B.Tech, Course Coordinator iNurture), Mr. Praful Saxena (BCA, Course Coordinator - iNurture), Neha, Vijay, Bhupinder, Vinay, Sumit and was well coordinated by Preety (AO iNurture).



IBM RESEARCH LAB VISIT



Date: 28/11/2018

Venue: IBM Research Laboratory, New Delhi

Faculty coordinators: Dr. R.K. Dwivedi and Dr. Rajeev Kumar

An Industrial visit to IBM research Laboratory, New Delhi was organized at 28th November 2018 for B.Tech CSE-IBM students to familiarize them with various communication technologies and emerging research trends in the field of computer technologies. IBM Research Laboratory is world's Best largest Application development.

Visit to a research lab and reevaluate the new invention at IBM New Delhi was scheduled for B.Tech Second Year and Third Year computer science students for giving an overview of computer technologies in the field of new research trends and networking. For this purpose, Ms. Shefali Dutta (IBM Head) from IBM gave a presentation about their company and subsequently about technologies by briefly explaining new inventions Wi-Fi, WiMax, Bluetooth and different generations of technologies steps involved in Computer Science (frequencies used, types of modulation methods, types of propagation and various terminologies used in the language of communication methods). They also explained the research and inventions procedures in which they described various related terms. Examples were given at each point so that students could grasp the basic idea properly. Students were particularly excited to compare their own technology and new technology with respect to features discussed in the presentation.

After one day lecture session a brief tour of IBM sections. "Research unit" in which there were machine and Students were elated to visit such a company where they could see many varieties of tasks being performed before them. A lot of questions were answered by professionals from IBM and students were well satisfied with the answers. Students are now looking forward to take up courses related to IBM technology with a greater zeal.

STUDENT'S CORNER

On Dreams...

I don't think you ever lose your dream. Dreams are never lost, never forgotten, they just take a backseat while we race through to reach our desired destination. Much like our first love.

If you'd ask a child what he wants to be, you'll hear the stuff that rainbows are made of. Even if they say regular things like a doctor or an engineer, the sparkle in their eyes will show that they are still unaware of the bumpy road that will hit them. You see, for them, being a doctor is not about the money or the prestige, it's the power to heal people. It's the power to make a difference in someone's life that makes them happy. Or being an engineer, it's about building something that they can point and say, I made that. As you grow up, you realize it's much more complicated than that. Now you have a thousand different things to consider. You can't just choose a thing that makes you 'happy. Lucky are those who can find and chase their dreams as they bought it from a store. For the unlucky ones like me, it's a constant journey of doing things and ruling out what you don't live. The elimination method, one that we apply while solving objective questions. Would've been pretty easy if life wasn't this subjective. When I was a child and people asked me what I wanted to become. I knew what I wanted to do. How I wanted to do it, I wasn't so sure. I always wanted to help people, in some way or the other, and that gave me joy. My naive little mind thought being a politician was the way to go about it. I know, the irony. And usually, I was met with chuckles and a pull on my cheek.

As I got older, I tamed my dreams down, it was never easy. It took a back seat. When I understood it wasn't easy, I turned to the next best alternative.

You'd think the story ends here, but it doesn't. For some reason (mostly involving my lack of believing in myself and the constant self-criticism that I don't have what it takes), I choose to take a different path. An entirely different path. I'm doing something don't exactly love, but I can't blame anyone because it was my own choice. It's easy to blame others if you're not happy; it's tough to find what you're doing wrong on your own.

If you've lost your dream, you never wanted to do that in the first place. One way or the other, you always do what you intended to do, maybe not the profession, but the idea, the way you wanted to lead your life.

- Naman Gupta, Student(BCA)

MENTAL HEALTH AND ITS WORKPLACE

Mental health doesn't differentiate humans. It is just the different state of the same mind. It is estimated that globally 300 million people are victim of depression which is the source of disability. Generally, we can see the symptoms of anxiety in these people. Mental health degrades person's value and level to think. One of the known factors for mental health is unemployment. Many people find negative views while establishing future and certain sort of unemployment can simply harm their dreams. There should a workplace where the people suffering from mental health can be treated with cure.

Risk Factors for Health

In today's working environment, there are many factors that are completely responsible for mental health. Many patients have received an unwanted environment and interactions between organization and managing department. Some of the major factors are inadequate safety policies and health, managerial practices and poor communication, undefined working hours, less control over major tasks, etc.

The issues of mental health have been generally seen in teenagers or youngsters because at the struggling stage, they find it difficult to cop up with the environment. But struggle is the only way to success and one has to compete with hard time.

A Healthy Workplace

Happiness over mental health can be only achieved with proper workplace where a severe patient can be well-treated. A healthy environment helps a weak person to grow. In a proper workplace, there are many managers and volunteers who works constantly to provide the best health facilities to the patient. There are main 3 points that should be followed by every workplace:

1. Reduce the factors of work-related risk and protect mental health.
2. The strength of the employees and various aspects of works can be protected to destroy the cause for mental health.
3. The problem of mental health must be addressed properly

The workplace mainly working for the patients suffering from mental health should make awareness of its environment and promote healthy facilities. Every patient must be treated with equal opportunities of decision-making and let them know their strength. The image of their own value will help them to grow up. On the other hand, many career building opportunities must be provided to them. Government must look to setup some more workplaces where a person can be treated with the best required facilities. Only this initiative can help our country to grow in every aspect.

Must support people with mental disorders

Not only workplace, but our society and organization too have the responsibility to support people with mental disorders. A long-term unemployment may affect any person to a greater extent. If any individual is facing such problem, then it is the responsibility of society members to prevent that person from going into a state of depression.

At work, many people can be saved from mental disorders. With proper communication, flexible work hours, daily simple routine, positive surroundings can help a person suffering from mental health. Even, WHO is working to amend policies to eradicate the concept of mental health. The Mental Health Action Plan by Who had implemented various objectives and principles to be followed in the workplace. Disability is not something to be avoided and rejected. They are same humans with same body structure, color, and skin.

According to the Article 27 of UN Convention, it is stated that every people with disabilities should be considered as equal and has the right to work under same circumstances. The workplace must note down this point and work for the welfare of the people suffering from various disabilities.

Shubham Kumar Jain
Student, B Tech(CSE)

Computing vision

As a scientific discipline, computer vision is concerned with the theory and technology for building artificial systems that obtain information from images or multi-dimensional data.

A significant part of artificial intelligence deals with planning or deliberation for system which can perform mechanical actions such as moving a robot through some environment. This type of processing typically needs input data provided by a computer vision system, acting as a vision sensor and providing high-level information about the environment and the robot. Other parts which sometimes are described as belonging to artificial intelligence and which are used in relation to computer vision is pattern recognition and learning techniques.

The motion sensing input device, developed for the Xbox 360 video game console, is based around a webcam-like peripheral, but with a key difference: the camera outputs 3D rather than 2D images. It enables a user to control and interact with the Xbox 360 without the need of a game controller; instead, the game player simply moves or speaks. Films and music can be controlled with the wave of a hand or the sound of the voice while video gamers can control their in-game avatar by simply kicking or jumping, for example. A key component of the system is the computer vision software which converts the raw images from the camera into a few dozen numbers representing the 3D location of the body joints.

Shubham Kumar Jain
Student, BTECH-CS(IBM)

FACULTY CORNER... 



Rohaila Naaz
Asst. Prof, CCSIT

The Free Will

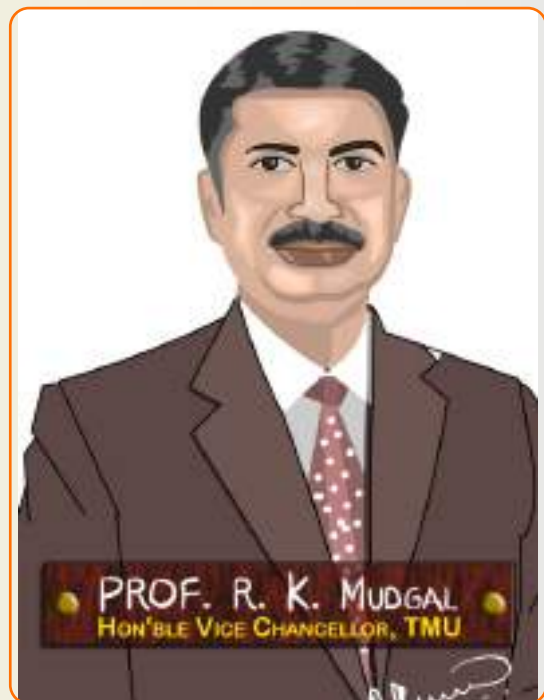
“Ab kya Karen jab tumhare naseeb me hi ye tha to” (now what can be done if it was written in your destiny”), “bhagwan ki yahi marzi thi” (its god's will), we all hear these sentences at least once in our lifetime ...may be from our parents, from our family member or some random stranger who just say it without actually know what does that mean to us ...and I am here Questioning this one thing...how do they know ...how do they know that it is written in our destiny ,one logical answer would be....just because it happened...so how do they know ki “bhagwan ki aage kya marzi hogi (what would be the god's will in future) definitely when that would happen(time Machine has not invented yet)...and how things will happen in future...by what “choices” you make today...have you ever wonder what is the exact thing which differentiates us from animals...as we are human a very weak creature, inferior to other other creatures like we can't fly like birds..we can't swim like sea animals...we don't have special things that God has provided to various animals....then what made us Ashrafal makhlooqat(Noblest of all creation).... The Answer is “WILL “ because of free Will we make choices...yes we can't fly but we can make Airplanes by our will.....yes we can't swim but we can make submarine by our will...so what choice you will make today by your will it will be “bhagwan ki marzi” in future..you only have to know your worthy of being a human and it would be sufficient for you to



Pradeep Kumar Gupta
Asst. Prof, CCSIT



3D Projects Guided of B.Sc(Animation) Student



Digital Painting

STUDENT'S CORNER

DNA Data Storage Closer To Becoming Reality.

DNA could store all of the world's data in a single room!

***The data storage in DNA is still under process and soon it will be implemented in real life. The research are going on daily basis.**

Data storage is the fastest growing semiconductor technology. Tape storage, hard disk drives and solid state storage have doubled about every 12 to 18 months.

Desktop drives today come in storage capacities of as much as 4TB (5TB later this year). That's enough to hold 1 million photos or 562 hours of HD video. By 2020, Seagate said heat-assisted magnetic recording will lead to a 60TB desktop hard drive, enough storage for 12 million photos or 6,750 hours of HD video.

DNA could replace hard drives, tape and other storage mediums one day. It's not as far-fetched as it sounds, and significant progress is being made, including new, zero-error individual-file data retrieval.

Hundreds of megabytes of data have been encoded using DNA in the last few years by scientists. But more recently, not only has the media been stored perfectly in the synthetic variant of the genetic instructions that make up all organic life, but archived data files have been individually retrieved with zero errors, too.

DNA particulars should last longer than those on solid state, tape, or drive. A 45,000-year or more life-span could keep books, historical facts, art, and so on alive indefinitely.

DNA data storage, our current storage methods, such as by bytes, is really quite limiting and primitive.

Let's check out the benefits:

We can store much, much more in DNA than what we could in traditional storage methods today.

✍ Right now, a single cell's worth of DNA can hold the entire Library of Congress, or 250 million DVDs, or 746 Billion floppy discs. I don't know what you think, but that is A LOT.

✍ DNA lasts for at least 1 million years - it won't decay as quickly as our current storage methods.

✍ DNA can store data anywhere - just like RAM (Random Access Memory). It can be accessed anywhere at anytime - as opposed to other forms of memory storage (Sadly, it may retrieve data quite slowly, though).

✍ This can be sped up, though, using a system known as "the chromatin system," in which unwinds DNA, quickly find the gene(s) in which you search for (like a search engine), and makes multiple copies of it. It still isn't as fast as traditional data storage, but it is fast.

✍ It is predicted to possible be of use for medical treatment, reading the DNA in people and actually even simulating DNA in the person to allow the body to regrow in wounds and fight off illnesses quicker.

The main disadvantages of data storage in DNA are as following:-

✍ The cost of implementation is very high

✍ The process of recovering the data back in complex and under process

"As long as we keep the DNA data in a cool, dry place, then this form of storage will be amazing."



Srijan Gupta
Student, BCA

ROLE OF COMPUTERS IN OUR LIFE

Computers are agreeably an indispensably part of our lives. The scientific venture of computing and coding is so grimly entwined in modern lifestyle that one can go on listing the uses of computers infinitely. At this point in twenty first century role of computers in our life itself can be a subject to be researched and studied for better administration and implementations in the field of digitalization.

According to Oxford dictionary, "An electronic device for storing and processing data, typically in binary form, according to instructions given to it in a variable program."

Discreetly observing each word of the definition we can conclude that computers aren't anymore restricted to the monitor screens and keyboards. There are devices that precede and succeed the set-up which we traditionally know as a computer that can be included in this wide definition of computers thereby widening their majestic share in our modern life. From basic necessities to luxurious fantasies computers have played their part in an unbiased manner.

When we look at our lives within a decade, there are major changes that have taken place back and forth within this time lapse. And every major change could be easily looked at in relation to advancement in technology specifically saying 'the computers'.

From computers used at home, offices, malls, and other work places, there are computers out there we don't even notice as a computer, the MRI and CT -scan machines in hospitals, the EVMs used during polls, the ATM machines, automated cars, and even the home appliances like washing machine all fall under the wide spectrum of what has been described as a computer. Role of computer is not only restricted to making excel sheets, or word documents it has rather gained fame in sectors like Media, Investigation, Medicine, Gaming, Virtual world development, Robotics and lifestyle. The newly established and advanced editing features, sensitivity towards light and sound, extraordinary commands on locomotives and acquired intelligence has made computers a necessity to the race called homo sapiens.

Since the end of 20th century the world has seen rapid advancement in computers. This has led to certain inventions and remarkable improvements and up bearing of various existing wonders of science.

Some extraordinary COMPUTERS AND GIZMOS OF RECENT YEARS ARE:

✍ Sunway TaihuLight

✍ Gyoukou

✍ Atlas

✍ Robofly

✍ Amazon Echo

Syed Hasan Mehandi

Student, MCA

College ki masti, Yaaro ki hasti

Anjaan raho pe chalne ka samay aa gya
Kuch dosto se bichadne ka samay aa gya
Wo saher videsh wo galiyan anjaan
Un galiyo me bnani hai ab humko apni phchan
Jindagi ki ek nayi shuruat hogi
Kuch naye logo se bhi baat hogi
Na jane wha kitne hi anjaan chehre hoge
Un chehro me apno ko hm talash rhe hoge

Dekh krke ye sb aankh hmari bhar ayengi
Dosto tumko ye aankhein kaise bhula payengi
College jake chai pina ar samose ka khana
College ki masti ar phir assignment bnana
Choti choti baato pe party karna
Har ek moment ko jamke enjoy krna
Break time me lunch ki sharing
Problems hone pe ek duje ki caring

Ye sab to aise lagega Jaise tha koi gujra jamana
Yaaro hmesha yaad rahega mujhko apna ye
yaarana

Shivangi Bansal
Student, MCA



COMPUTING VISION

Photography by- Rishabh Kansari ,Student, B.Sc (Animation)-I Sem



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