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TECHNIQA

Theme of the Issue

Accompanying Edification

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Theme of the Upcoming issue: Professional Development Activities



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Ar. Sushma Garg

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At first, I like to congratulate the School of Engineering of our Institute for bringing up extracurricular activities over course-curriculum academics in the present theme of in-house newsletter Techniqa.

When we talk about “Accompanying Edification”, it is the prime supporting education which an individual must possess along with their main profession. This edification helps a person to become a complete individual at all and every aspect of their life. With academic and curricular events like industry visits, expert lectures, projects, internships, special talks, the students of engineering are exploring new horizons of performances in different cultural and other types of activities. TECHNIQA will surely motivate the students in participating and persuading their innate potential and passion through a well guided platform.

Finally, I like to appreciate all the students and faculty of the Editorial Board for the very innovative ideas and praiseworthy efforts in regularly bringing out the quarterly issues of Techniqa.



The Editor's Desk



Dr. Trina Som

Associate Professor

Department of Electrical & Electronics Engineering

With growing awareness in building career towards many potential alternatives, young minds often face lots of challenges, which we generally label as Peer Pressure. In a developing country like India, dealing and surmounting such pressure has become the most common schema for almost each and every child. Thus education is playing the key role in constructing a vivid future. As the peer group influence remains at its highest point during childhood and adolescent period of time, students often fail to discover their own ardor, and stuck in changing their behaviors, values or attitudes to conform to those of the influencing group or individual.

It is very essential to maintain a sense of balance between one's ardor and society's requisite. In order to develop a holistic personality every child's conventional classroom learning should be supplemented with some other curriculum activities. These accompanying or complementing educations help in grooming every facet of children's life. The complementing edification focuses on every domain of life; such as social, moral, cognitive (intellectual), emotional, cultural, aesthetic and many more.

A student's social life is as significant as their academic life. In addition to this, various extracurricular programs, and learning experiences should get included in order to complement the school teaching in some way or other. Usually physical activity, art, music, club, debate, quiz and many volunteer works find their places in and as extra or co-curricular activities, which provide a complete knowledge in an individual's life. Competitiveness, excellence, quality achievements, creativeness and enthusiasm are few of the ethics of such extra-curricular activities and consequently strengthen the meaning of co-curricular activities.

The accompanying edification, generally defined by their separation from academic courses, endow with many acquired qualities, such as better time management, better organizational skills, better leadership skills; fabricating a confident individual thereby enriching the lives of their families and communities.

The arts are the essential element of education, just like reading, writing, and arithmetic etc; music, dance, painting, and theater are all keys that unlock profound human understanding and accomplishment.

- William Bennett.

Retro-spectrum

Department of Computer Science & Engineering

CSE Department organized a **workshop on Web development using Python (Django)**, on **22 January, 2019**. Mr. Girish was the resource person at the workshop who covered the concepts such as introduction to Python programming, web development using python programming, different levels of the development process and single product development at all levels. Students learnt the basics of writing and running Python scripts using Django and Pycharm. Mr. Girish gave hands-on exposure to the Python programming framework and different levels of product development involved in Python. A few staff members of the departments were also present. The participants had practical exposure to Python programming and learned the method to develop a web application.

A **workshop on career awareness & Test preparation for English, Aptitude and Reasoning for admission to Top Tier Universities** was conducted by department of CSE on 13 March, 2019. This was the 2 Hour informative session for students of CSE 3rd year regarding Study abroad opportunities and process for Master of Sciences (MS) and Ph.D program. Experts interacted with students in demo session on how to crack GRE/ TOFEL/IELTS exam. Many students asked queries regarding scholarship opportunities and underlying fees structure of pursuing MS program in multiple universities. Mr. Kamal Chawla, explained in detail about many attractive scholarship opportunities available by Government of India and others.

Department of computer science and engineering carried out an **Expert Lecture on Internet of Things**, on **02 February, 2019**. The eminent speaker Mr. Divyanshu Verma (IITD & IIM B), Senior Manager Intel Technologies Bangalore, gave a core grounding in how science and technology have developed to enable the Internet of Things – in a way appropriate for any learner. It were to create a platform for those interested in developing further hands-on expertise in designing and developing for the Internet of Things. Many students asked queries regarding impact and opportunities of IOT. Mr. Divyanshu Verma explained in detail about many attractive opportunities available and bright future after opting IOT field.



Department of Electronics & Communication Engineering

Department of Electronics and Communication Engineering, Delhi Technical Campus, successfully organized an **Expert Lecture on “Operational Amplifier and its Applications”** by **Dr. Bhawna Agarwal, Netaji Subhas University of Technology, India**, for ECE and EEE 2nd and 3rd Year Students on January 28th 2019. In her talk Dr. Bhawna focused on building blocks of operational amplifier, its applications and importance in electronics engineering. She addressed queries of students. The lecture was extremely informative for students and faculty members.

On 11th February 2019 an **Industrial visit to Automation Engineers A.B. Pvt. Ltd. (AEAB) Sector 83, Noida** was organized for ECE 3rd year students. AEAB, is an international solution partner & authorized system house of siemens Ltd. The fresh engineering graduates are well versed with the theoretical knowledge but lack of practical experience and application knowledge. So these industrial visits are intended to bridge this gap. The industrial visit was very beneficial to the students.

A **one day webinar on Challenges in “Antenna Miniaturization and Barriers to Espionage and Hacking”** by **Prof. Dhiraj Sinha, Massachusetts Institute of Technology USA**, were also organized on February 12th 2019 for ECE 3rd Year students. He

explained if someone has an amazing technology that could be used to hack lakhs of EVMs using an ultra-small transceiver circuit with an efficient antenna, which would remain invisible to the human eye, and be able to plug itself automatically to such EVMs, that person could revolutionize the current telecom industry and should be a suitable candidate for the Nobel Prize in Physics. The webinar was extremely informative for students and faculty members.



Department of Electrical & Electronics Engineering

An Industrial Visit was conducted by Department of Electrical & Electronics Engineering DTC, Greater Noida on 29-Jan-2019 (Tuesday) for 2nd year student **in Sigma Summit 2019, Enxpo Infomedia Pvt Ltd.** Sigma Summit 2019 aimed to provide a platform to the exhibitors of different countries to showcase their latest technological advancements before Indian as well as world markets. They are looking forward to fill the gap between the best manufacturing techniques, standards & skills in the field of solar energy existing at present, worldwide. In today's grooming digital world, the value of connecting healthy brains creates incredible things through interacting and inspiring one another, making new India. One such experience was gained by the students of Electrical Engineering at Sigma Summit 2019. They had a great exposure about the solar energy technologies existing at present, worldwide.

Mr. Nikhil Kumar Nigam & Mr. Shivam Gupta, Assistant Professor, EEE Department were the faculty coordinator for the visit.

On 6th and 7th March 2019, a group of students of EEE department attended a workshop cum seminar 'District Udyam Samagam' on Solar Sigma Summit and Solar application and Innovation, at Dr. Ambedkar International Center, New Delhi. The event was organised by Ministry of Micro, Small and Medium Enterprises (MSME), Government of India. The event was headed by the development commissioner of MSME India Mr. Ram Mohan Mishra (IAS, AS). About 8-10 speakers from banking, business, technology sector and entrepreneurship incubation centre shared their valuable knowledge and encouraged students for setting up new business and various financial procedures and product development.

Department of Mechanical & Automation Engineering

Aiming to create design awareness at UG & PG level for college and university faculty and students, a one day Workshop on "Innovative Design: Ideation to Realization" held on 25th January 2019. **This was organized by "The Design Innovation Center (DIC)", in association with Rethink! The Tinkering Lab at Indian Institute of Technology, Roorkee.** The Design Innovation Center (DIC), named नवोन्मेष, at IIT Roorkee is a MHRD, Government of India approved center with the basic objective of creating design awareness. It is one of the twenty such centers which are developed under the National Initiative of the Ministry for setting up of DIC, Open Design School and National Design Innovation Network in the country. The center will thrive for developing design and innovation as a culture while primarily addressing the problems of the North-West Himalayan region. Workshop was focused on the following main objectives -

- Impart design-based education and practice systematic design approach through innovative products/projects.
- Create an ecosystem to facilitate students and faculty members to take their innovative ideas from classroom/lab to market/people and vice-versa.
- Provide a platform for the industrial collaborators to encourage new Product Development in the campuses using in-house facilities.

Speaking on the occasion, Dr. Inderdeep Singh gave an intellectual lecture to the students of DTC College by giving few realistic examples on design related innovations. He has also shown some machine related to Tools and Techniques of Rapid Prototyping like 3D Printing etc.

An important lecture on "Unlocking Design!" was taken by Professor Mahua Mukherjee, Department of Architecture & Planning Roorkee. Total 37 students and 3 faculty members were sent to IIT Roorkee to attend the Workshop. Students were very happy and they shown their interest to do summer/winter Internship at DIC IIT Roorkee.

In association with ICT Academy, Mechanical & Automation Engineering Department Organized ACU Exam on 14th March 2019 conducted. Mr. Anand Babu and Mr. Lovteesh from ICT Academy, Chennai were the Proctor

of Exam. The exam was given by 68 students of 2nd and 3rd year of Mechanical & Automation Engineering Department, out of which all students scored more than 70% required marks. Mr. Neeraj Kumar of MAE 3rd Year topped the exam by scoring 925 out of 1000. All the qualified students got Autodesk Inventor ACU certificate by Autodesk.

Department of Mechanical & Automation Engineering Department conducted a **software training for students on "Digital Prototyping using Autodesk Inventor" on 14th January 2019.** Mr. Kranti Kumar from ICT Academy, Chennai was the trainer for the program.. The training was attended by students of 2nd and 3rd year of Mechanical & Automation Engineering Department. Digital Prototyping course provides hands on experience on how modern technologies improve the product development cycle. Today's product design and manufacturing companies are faced with increased competition and growing market demands. To ensure the companies and products are successful digital prototyping methods are used to gain an advantage and produce better products.



Department of Civil Engineering

Department of Civil Engineering **organized an expert lecture cum workshop on ArcGIS software on March 13, 2019 by Geonex Technologies Pvt. Ltd.** for 3rd year students. The main objective of the expert lecture cum workshop was to give the exposure of ArcGIS software. Dr. Deepa Srivastava started the ceremony by introducing Mr. G.S. Prajapati and his past contribution in the field of GIS and Remote Sensing. Mr. G.S. Prajapati gave a brief introduction of the software and focused on the software learning by giving the exposure to students about creation of shapefiles, digitization, georeferencing and preparation of map layout etc. At the end of session, Dr. Kuldeep Panwar has felicitated the guest with a planter. The expert lecture cum workshop was very beneficial to the students and the Department looks forward to many more endeavors.

An expert lecture on the topic 'Quantity Surveying was carried out by the Department of Civil Engineering, on 18th March 2019. A Brief lecture on 'The Discipline & Cost Overrun in Construction Projects' was delivered for 2nd & 3rd year students, under the guidance of the expert Mr. Nihar Nanyam, Assistant Professor & Program Director at RICS School of Built Environment, Amity University. During construction project planning and implementation, we need to know the quantities and costs of various items required to meet the objective of the project. That is, a construction project manager has to anticipate the cost of project. The process of calculation of quantities and costs of various items in connection with the construction project is called an "estimate". The factors which may affect the cost of a construction project were discussed with the students and the effect that the cost overrun has on a project was explained in great details using facts, figures and graphical interpretations. The expert not only enlightened the students with theoretical aspects but also gave them practical insight on L&T Projects, based on his own work experiences. It was a great learning interaction for the students. The Department thanks the DTC Management for giving us the opportunity to hold this lecture and looks forward to many more of these.

The Department of Civil Engineering organized a Survey Camp on 16th February 2019 for Group-1 of 3rd year students within the DTC premises. The planning and design of all Civil Engineering projects such as construction of

highways, bridges, tunnels, dams etc are based upon surveying measurements. Moreover, during execution, project of any magnitude is constructed along the lines and points established by surveying. Thus, surveying is a basic requirement for all Civil Engineering projects to fix the national and state boundaries, to chart coastlines, navigable streams and lakes, to establish control points to execute hydrographic and oceanographic charting and mapping and to prepare topographic map of land surface of the earth. As part of the survey camp, the students were divided into groups and using Plane Table Surveying, they successfully created a plan view of our campus premises. The camp not only helped to build the surveying skills of the students but also made them realize the importance of teamwork. The survey camp was very educational for the students and the Department looks forward to many such opportunities.

An Industrial Visit to ASHTECH RMC Plant, Greater Noida was conducted by department of Civil Engineering on 18th February 2019 for 2nd and 3rd year students. ASHTECH, an ISO 9001:2008 certified organization, has earned an outstanding reputation as a leading processor, distributor, manufacture, importer & exporter of Building Materials. Ready-mix concrete is concrete that is manufactured in a batching plant, according to a set engineered mix design. Batching plants combine a precise amount of rock, sand, water and cement together by weight, allowing specialty concrete mixtures to be developed and implemented on construction sites. Ready-mix concrete is often preferred over other materials due to the cost and wide range of uses. ASHTECH, Greater Noida has two plants for Ready Mix Concrete (RMC) Manufacturing. The practical working of these plants, starting from giving the software input (calibration) for design mix to obtaining the required quantities of raw materials from silos, followed by preparation of RMC and finally loading the transit mixer was keenly observed by the students. The details of the plant & all queries were handled by the respectable General Manager of the plant, Mr. Basant Kumar. The industrial visit was very beneficial to the students and the Department looks forward to many more endeavors.



Accompanying Edification

Beyond Academics

Vikiran - 2019

“College is the place where one lives their life to the fullest”

This quote holds a very deep meaning within. We spend less time in college than we do in school or as a working person, but we learn the meaning of life and we relish each moment to the most only in our college life.

One cardinal part of college life is the college fest. We, the family of Delhi Technical Campus, had wallowed to the core on 8th and 9th of March which witnessed the various events of Vikiran'19, the annual Techno-Cultural Fest.

The first day of Vikiran'19 was blessed by the presence of MLA Mr. Tejpal Singh Nagar. Our Chairman Sir Mr. Vipin Sahni, Chairperson Ma'am Mrs. Kiran Sahni, Dean Academics Dr. Pranay Tanwar Ma'am along with Mr. Tejpal Singh Nagar Sir honoured all the students who have had excelled in their academics with awards and benediction. They also motivated the shining stars of sports and other co-curricular activities. This was indeed a galvanizing moment for each and everyone present in the auditorium and it must have inculcated a sense of healthy competitive spirit among all.

Soon after the inauguration ceremony, the various events that fit the dimensions of every skilful aspect of the students, have started, parallelly in different venues of the institute.

Dance is more than the exploring of different ways to make a shape or learning a series of steps to music; it is a way of moving that uses the body as an instrument of expression and communication. Through dance, students learn teamwork, focus, improvisational skills and awakens new perceptions. The **classical dance competition** was one of the events of the first day, followed by **solo and duet dance** on the 9th of March.

Music is this beautiful and pretty much self explanatory universal language that everyone understands. It's something we are all exposed to right from when we are toddlers, from singing lullabies to little kids, nursery rhymes to preschoolers, listening to popular songs off the top of the charts, music is all around us. The **Indian and Western Music competition** and **The Battle of Bands** highlighted all those students who have music within them.

Einstein said, “Imagination is more important than knowledge.” Drama and the performing arts allow an avenue to develop cognitive abilities that complement study in other disciplines. They serve to generate a rich array of reciprocal benefits for both students and our community. **The Stage Play**

competition was an reflection of raw creativity of the talented people.

The bright lights, the flashy clothes, the whole runway scene is what many live for and DTC gave a platform to all those aspirants via The Fashion Show segment on 8th of March.

Besides the obvious academic benefits of expanding a student's knowledge and exploring new skills at an early age, quizzes redefine the education system in significant ways. The **quiz competition** also took place on the first day itself.

“A pen is mightier than the sword”, and hence the participants of **Creative Writing** proved that point without any doubt.

The **debate** participants showed how debate is an indispensable characteristic of an individual that makes him/her put forward his/her perspective in analysing a situation of social cause whether be it in favour or against.

An artist is a magician. They have the power to tease our pallet of senses through the use of images, movements, words, sounds, and other forms of creative expression. Competitions such as **Rangoli making, Face Paint, Tattoo Design, Cloth Design and Model Exhibition** excelled squeezing out the artistic mind of all the talented students.

Treasure hunting is no longer so squalid an art as the pirates of old times had it. In fact, treasure hunting can be rewarding hobby for our health in terms of developing exploratory mind and quick thinking. It was also one of the events of Vikiran'19.

Some other events of Vikiran'19 were **Bridge It, Robo Soccer, Infra Villa, Line following Robo, Code of Wars, Just a Minute, Hoolicon, Project Exhibition, On Spot Photography and Robo Race.**

No fest is complete without the star of the day. DTC again outshined by being blessed with not one, but two stars who honoured this fest. **RJ Naved** and Singer **Yatin Arora** set the stage on fire. Their amazing personalities are inexplicable. They did not only charm us by their presence but also their enthusiasm was beyond reachable. DTC family was in Cloud 9.

And finally, the fest was concluded by the award ceremony which made the winners and also the others more encouraged for joining in the upcoming years.

Months of hard work of the organizing committee were being paid off and Vikiran'19 was a jubilant event.



ENTREPRENEURSHIP AWARENESS CAMP IN COLLABORATION WITH NIESBUD GOVERNMENT OF INDIA

Department of Electronics and Communication Engineering, Delhi Technical Campus, successfully organized two days Entrepreneurship Awareness Camp (EAC) from 5th to 6th February 2019 in collaboration with the National Institute for Entrepreneurship and Small Business Development (NIESBUD) Government of India. The objective of program was to create awareness among faculty and students of Engineering and Science course about various facts of entrepreneurship as an alternative career option and also to highlight the merits of pursuing such an option. Moreover, this program was also aimed to bring together the experts from industries, government agencies working in the field of entrepreneurship and students of Science & Technology and Humanities in order to provide a forum for the free and fruitful exchange of ideas and information for becoming an entrepreneur. Total 132 students were enrolled in the camp. Lecture session was held for two days and 11 February 2019 one day Industrial visit to AEAB automation PVT Ltd. Sector 83, Noida was organized. Over all it was an effectual learning experience for students.



NEW YEAR CELEBRATION 2019



Students of Delhi Technical Campus had celebrated New-Year on 11th January 2019 in Auditorium at 1:45 pm. Dance society members 'Ameyans' performed wonderfully and enthusiastically in new-year celebration.

Students have shown their skills in classical dance (Bharatanatyam) and on fusion of various masala Bollywood and Hollywood famous songs that entertained the audience a lot.

This event had acted as a dawn for the students and had encouraged everyone to keep working hard and plodding through the stairs of success in coming year 2019.

REPUBLIC DAY CELEBRATION 2019

Every year, we celebrate the Republic Day in memory of 26 January 1950 on which the Constitution of India came into force. Refreshing this memory again, the students and faculty of Delhi Technical Campus celebrated the 68th

Republic day on January 26, 2019. On the occasion, tricolor was unfurled by the students alonging with singing of the national anthem by the students. Despite the extremely cold weather, everyone attended the flag hoisting ceremony with great patriotic enthusiasm. The students did a special assembly in which they marked the importance of this day in their speech. The program reached its culmination with distribution of sweets among all present.



DTC & DME GO DIGITAL

Launching Collpoll: Campus Engagement Mobile Application

Delhi Technical Campus (DTC) and Delhi Metropolitan Education (DME),

entered the era of digital education with the implementation of CollPoll campus engagement mobile application in their institutes on February 26, 2019. The mobile based app for campus management was launched at DME in the presence of Mr. Michael Aaron N.N Oquaye, Honorable High Commissioner of Ghana. CollPoll is a mobile based app for campus management which provides an engaging and analytical platform to address the rising complexity, completion and digital compliance faced by the institutes in providing good quality education to students through digital media.

On the occasion, Mr. Michael appreciated Indian Information & Technology system and stated that IT foundation is quite rich in India and hence digital education is a weapon for future. "Ghana is excited to be a part of digital education and relationship will grow stronger through CollPoll," added the chief guest.

The event was graced by Mr. Lokesh Mehra, Lead Research and Development of NASSCOM and Mr. Hemant Sahal, founder and CEO of CollPoll.

A panel discussion on the "Use of IT in Education" moderated by Mr. Sahal, was also held on this occasion. The participants included Mr. Mehra and Mr. Aman Sahni Vice Chairman, DTC & DME. While highlighting the future scope and importance of digital education in India, Mr. Sahal said they are delighted that educational institutes are transforming digitally. "Launching of CollPoll would not have been possible without the corporation of his team and management of the DTC & DME," he added.



CELEBRATING INTERNATIONAL WOMEN'S DAY

#AbSamjhautaNahi

DTC in collaboration with the Josh Talks, Gurugram organised a #AbSamjhautaNahin Workshop on 14 March, 2019. It was attended by the students of all streams of School of Technology. At Josh Talks, their goal is to help the youth find & develop their sense of purpose. With this mission in mind, they have launched a new project - #AbSamjhautaNahin in association with Vivel across colleges in India to equip students with the knowledge of their legal rights and bring about a change in the mindset of the society.

The #AbSamjhautaNahin workshop was 1.5 hours long and it comprised of a trainer from Josh Talks addressing the students. The trainer for this session was Ms. Agrima Rathore. She talked about the various rights women have in our constitution. The session also talked about terms like Feminism, Gender Equality and Consent etc.

Through this session, we not only wished to inspire the audience but also want to equip them with the right legal tools so that they don't hesitate to voice their concerns.

The seminar started with the arrival of the trainer, Ms. Agrima Rathore and two coordinators. After the felicitation of the trainer by Dr. Kuldeep Panwar, Head of Mechanical & Automation Engineering Department, the dias was taken over by her. She talked about the basic rights women have in our constitution and knowing our rights is the first step towards empowering and protecting ourselves. She also talked about knowing (It is our right to know our rights. When we know our rights, we know when they are being respected and protected. When we know our rights, we cannot be denied of them), acting (if we feel disrespected or discriminated against, we should exercise our rights and let our voice be heard) and share (As a parent, wife, daughter, friend, colleague and a woman these rights are here to protect us and we have the responsibility to empower others along with our self. Spread the word today)

Other than this, the various other fields covered by Ms. Agrima Rathore were harassment at workplace, domestic violence, marital rape, divorce, child custody, maintenance & alimony, right to property, civil rights, cyber laws, right to education, women's rights regarding police.

It was a very informative, interesting & interactive session and students took keen interest in it. At the end of the session, post session survey was done along with the distribution of the goodies kits from Vivel to all the students and faculty members present there.

PRIME MINISTER'S INTERACTION PROGRAMME – PARIKSHA PE CHARCHA 2.0



On 29th January 2019, Prime Minister Narendra Modi interacted with several students from across the country and shared his personal experiences with the young audience. PM Modi discusses ways to handle the exam stress with students in an interactive session. Students of DTC had also actively participated in session through web conferencing. The

highlights of the event was; a) Learn Time Management, b) Pay Attention to your Qualities, c) Technology should lead to expansion of the mind and d) advice to parents to reach out to their child during exams, be a positive force on them, and to not to make the report card of their children their own visiting cards because if that is the aim then the expectations from children become unreal. He interacted with many students and parents and concluded his talk by expressing that “Our learning cannot be reduced to exams only. Our education must equip us to face various challenges of life as well. I sincerely believe that anything that challenges us, polishes us too”. The session was very motivating for the students.

PRAYER MEET AND DONATION DRIVE FOR THE BRAVE HEARTS MARTYRED IN PULWAMA ATTACK IN J&K

A condolence meet was done on 18th of February in the amphitheatre of the college campus by the college students and management together. Candle lighting along with prayers was done for the departed souls who laid their lives for the country in the Pulwama attack in J&K. A small initiative of donation drive was taken up by the students for helping the families of the soldiers. In this regard management, faculty members and students have financially contributed for this noble cause prayed for their souls to rest in peace.

5th Annual Sports Meet (2018-19)

A three day successful annual sports meet were being carried out by the faculty members and students of Delhi Technical Campus, on 16th, 17th and 30th March, 2019. The inauguration of the event was held in the presence of Hon'ble Chairperson Mrs. Kiran Sahni, Vice- Chairman Mr. Aman Sahni, Director General Hon'ble Justice Bhanwar Singh and Director Dr. A.K. Singh. All faculty and staff members of DTC family took the Sports Pledge before the starting of the event. The students along with the staff and faculty members participated in both in-door as well as outdoor games, at three different venues, namely; Delhi Technical Campus, Delhi World Public School(Noida Extension), and Mayoor School (Noida). Games like Lawn tennis, basket ball, volley ball, tug of war, badminton, Cricket, Table Tennis, Chess, Carrom, etc were played by the students forming men and women teams, which resulted in winning trophies.



Events organised by various societies and clubs

Civil Engineering Awareness Society (CEAS)

The Civil Engineering Awareness Society (CEAS) organized a Civil Engineering Fest “Techcurio” on 1st and 2nd Feb, 2019. Technical Fest plays an important role in the college curriculum. It is one such event where young brains get to showcase their skills and compete with others to find the best. Such inspiring events that happen every year in various colleges will guide engineers to dream bigger and make those dreams come true.

Techcurio is the technical festival of Department of civil engineering, DTC Gr Noida. There are many competitions held in techcurio such as Hydrator, Bridge it, Model exhibitions, Photography, Civil Engineering Quiz etc. And many more fun events are as a part of Techcurio which makes the learning a fun. We want to conquer a huge success in the field of engineering and corporate sector, we offer a diverse range of competitions. We envision a fest which is uniquely different from any other college fest of the kind, with strong motive and purpose. With the vision to keep a pace with development and progress of the industrial sector in the field.

This was the event which was organized not only for the civil engineering students but also for all other branches. The students took part in every event with a great enthusiasm. Around 150 students are involved in this technical fest and 120 students participated in the events organized in “Techcurio”. It was also a great experience for core members who organized the event.

The events impacted the students with enormous practical knowledge and fun. The society is very thankful to the DTC Civil Department for giving us the opportunity to organize this event.

STYLUS

On 24 January, 2018, STYLUS, the technical society of Department of Mechanical & Automation Engineering, under the guidance of Mr. Etkaf Hasan Khan (coordinator STYLUS) and Dr. Kuldeep Panwar (HOD, MAE) organised a 'General Quiz' for the students of B.Tech programme. The quiz attracted participants from all branches and there was a total of 10 teams having two participants each.

The quiz was organised in three rounds. The first round was a written round having technical MCQ questions. 6 out of 10 teams qualified for the second round. The second round was a visual round in which the teams were required to recognise some eminent personalities from around the world. These personalities were industrialists, world leaders, sportsmen,

politicians, economists etc. At the end of the second round, 3 teams qualified for the final rapid fire round. In the rapid fire round, 10 direct questions were asked from the remaining 3 teams.

The results of the quiz are as follows -

First Position - Khyati Parashar (CSE 1st yr) & Simran (ECE 1st yr)

Second Position - Piyush Sharma (MAE 3rd yr) & Aashish Malik (CSE 3rd yr)

Third Position - Swastik Kandwal (CVE 3rd yr) & Rajat Singh Negi (MAE 3rd yr)

All the winners were given winner certificates & trophy while the remaining participants were given participation certificates.

Dance workshop conducted by AMEYA

A one day dance workshop was organized by the members of Ameya on 25th January at 1:30 p.m in seminar hall. Having a total of 42 participants. Ameya, a group of enthusiastic and passionate dancers who have given recent performances in the Diwali Mela 2018, and had a very successful approach in keeping the audience entertained.

The presence of three great dancers Mr. Amit, Mr. Tanuj and Ms. Niti who were a part of Dazzlers who have won in ANUGOONJ seven times in a row, with pronounced involvement in the field of dance not only inspired the Ameyans but also guided them.

The three taught us Urban hip-hop and lyrical hip-hop on songs “Kya Baat Ay” and “Dil Dooba” which was clearly astounding for all of us. It clearly indicated how much more hard-work and sincerity we need to put in to be in the limelight!

This workshop has acted as a dawn for the Ameyans and has encouraged everyone to keep working hard and plodding through the stairs of success.

The purpose of this workshop for the passionate dancers was just like a mini vacation from the stress of everyday. We got to learn from the great dancers Mr. Amit, Mr. Tanuj and Ms. Neeti who inspired us and motivated us to give our best at every chance we get and give every performance as if it is our last. We hope that in the future we would be able to achieve great success and we wish that occasions like these should be held every month to boost confidence in every member of our society.



Fly Initiatives

NEW YEAR CELEBRATION: 2019



The New Year Celebration at Delhi Technical Campus was held on 8th Jan 2019. This initiative was an act of encouragement from the Management to all the faculty members for a positive start. The, Chairperson Mrs. Kiran Sahni, Vice-Chairman, Mr. Aman Sahni and Director General, Hon'ble Mr. Justice Bhanwar Singh graced the occasion. The program began with a motivational speech from the Chairperson Ma'am. She encouraged each faculty members to contribute towards the growth and development of the Institute through sound research work and dedication towards teaching. The speech was followed by Director General, Hon'ble Mr. Justice Bhanwar Singh. He briefed the gathering about how New Year is celebrated at various parts of the world. It was rather interesting of be acquainted with facts related to New Year Celebration in different geographical locations. He conveyed that New Year's Day, which according to the Gregorian calendar falls on January 1, is one of the most popular occasions around the globe. People throughout the world usually celebrate this day with loved ones and often in large gatherings. Be it a New Year's Eve party or a picnic on the first day of the year, people have their own way welcoming the New Year. He also threw light on Ram Mandir trial and sensitize audience about the profoundness of issue. To make the celebration a happening one, faculty members gave various entertaining performances in terms of songs, poetry recitation, and several motivational quotes. The gathering shared snacks and sweets to add to the flavor of the event. Everyone parted with a promise to have a positive approach towards a start of a new academic session.

BIRTHDAY CELEBRATION OF DIRECTOR GENERAL HON'BLE MR. JUSTICE BHANWAR SINGH AT DELHI TECHNICAL CAMPUS

Delhi Technical Campus celebrated the Birthday of Mr. Justice Bhanwar Singh on 1st February, 2019 marking it as an important day for the Faculty and Staff of the Institute.



The ceremony began with a Welcome Note delivered by Dean Academics, Dr. Pranay Tanwar. Our Hon'ble Chairperson Mrs. Kiran Sahni graced the occasion and threw light on the journey of our Director General and his valuable contributions to the college and education. This was followed by the felicitation ceremony of Hon'ble Shri Bhanwar Singh with a beautiful bouquet. The Director General thanked all the attendees for their wishes and shared his experiences from the past. The event concluded with a round of refreshments.

SESSION ON "ONE'S CONDUCT AT WORKPLACE: DO'S & DON'TS" BY MR. M G ABHYANKAR



On 1st March 2019, FLY committee DTC had organised a session on "One's Conduct at Workplace: Do's & Don'ts" in Da Vinci Auditorium. The resource person was Mr. M G Abhyankar. Mr. M.G. Abhyankar is a Graduate in Science and in Law i.e. B.Sc.(Hons.) and LL.B. from University of Delhi. Mr. Abhyankar superannuated as General Manager (HR) from Bharat Heavy Electricals Limited (a Maharatna Company) in November, 2014. He has about 35 years experience in Human Resource

Management, Law & Administration in a Factory, various Projects and Corporate Office of BHEL and about 5 years experience in Banking. He has extensively handled matters relating to Contract Labour, Labour Laws, Vigilance and Disciplinary Proceedings, Sexual Harassment of Women at Workplace etc. In his talk he discussed about the behaviors and actions leads to sexual harassment knowingly or unknowingly. He discussed about the appropriate behavior of an individual at workplace and discussed how one is supposed to coordinate and communicate with his/her co-workers. He informed all about the role and responsibility of internal complaints committee (ICC) and procedure to report an incident to ICC. The talk was ended with vote of thanks presented by Dean Academics

HOLI CELEBRATION : 2019



On 20th March 2019, DTC family gathered to celebrate auspicious occasion of Holi. Ms. Kimmi Verma and Ms. Medhavi presented the welcome speech and invited Director General sir to address the gathering present in the reception area. Emphasizing the importance of this great Indian festival, Director General sir highlighted the following points: a) Origin of the Holi Festival b) The manner in which the festival is celebrated in Indian states like Uttar Pradesh, Assam, etc. c) First-hand experience of Director General of the colorful celebrations of Holi at his visit to Mathura d) The importance of colors in Holi e) How farmers celebrate the festival of Holi? f) Reasons for celebrating Holi in India-from the perspective of Mythology, Religion and Agriculture. The speech was followed by kind words of Hon'ble Chairperson Mrs. Kiran Sahni. She discussed the very presence of brotherhood and spirit of celebrations with happiness and gaiety in Holi from the historic times of our country. Apart from this, She read out few poems in one couplet to the entire group of faculty members. Later on faculty members gave various entertaining performances in terms of songs and poetry recitation. The highlight of day was "guess the song" activity, in which audience has to guess the song dedicated to faculty member. It is well coordinated by Mr. Etkaf, Ms.

Kimmi and Ms. Medhavi. Henceforth faculty members were divided into two teams and antakshari was played. Sweets and snacks were distributed to each and every person present. It was indeed the Colors of Diversity and Unity observed amongst all.

Congratulatory Marks

1. Dr. A.K. Singh delivered a talk on 'Role of Nanotechnology in Science and Technology' in National Seminar organised by Commission for Scientific & Technical Terminology, Department of Higher Education, Ministry of HRD, Delhi.
2. Ms. Shreeja Kacker, Assistant Professor Civil department, presented a paper on 'Design of an Energy Efficient Airport using TEG on Runways' at the International Conference on Smart Cities ICSC 2019, organised by Jamia Millia Islamia, New Delhi from 14th-16th March 2019 and won the 'Best Paper Presentation Award'. The paper will be published by Springer Nature and the event was covered by DD National.
3. Dr Kumar Shubham Head, ECE Department published a book titled 'IC Fabrication' by Manakin Press.
4. Dr. Nitish Puri has been awarded the degree of 'Doctor of Philosophy' for his thesis titled 'Seismic Hazard Analysis and Liquefaction Susceptibility Mapping for the State of Haryana' from National Institute of Technology, Kurukshetra.
5. Dr Alka srivastava HoD ASH Dept. & Dr. Malvika Chaudhary Asso. Professor ASH Dept presented a paper in International conference of Advance research and innovation (ICARI-2019) -ISBN-978-93-5346-324-3 on, Acute Toxicity (Lethal Dose 50 Calculation): Medicine as a life saver or destroyer.
6. Ms. Vhuyashi Das, Assistant Professor ASH Dept. presented a paper on Understanding the Women in Assamese Folk Tales: The Elite & the Marginal, the Visible & the Invincible" in conference titled -Identity and Diversity within Boundaries and Margins: Exploring Literature & Culture from India's North East held at Centre for North East Studies and Policy Research, Jamia Millia Islamia.
7. Arpika Narayanan of B.Tech EEE 2nd Year for clearing preliminary round of Indian Engineering Olympiad (IEO), organized by Thinkcell Learning Solutions Pvt Ltd.
8. Aryavart Chaudhary of B.Tech EEE 2nd Year, along with Sudeep Chaurasia, Suyash Kumar participated in a case study event, "Scientists of Utopia" and a quiz event regarding astrophysics and astronomy, "Astroquiz" in the annual techno-management festival of Indian Institute of Technology (BHU) Varanasi. They stood 5th in "Scientists of Utopia" and 2nd for "Astroquiz".

Creative Corner

अंतरराष्ट्रीय महिला दिवस+

हर पिता की झोली में आ जाती है दुनिया भर की खुशियां*
जब किस्मत से घर में जन्म लेती है एक छोटी सी बिटिया।
तथा लडके को मिल जाती है अपने आप प्यारी सी वो बहन*
जो भाई की तरक्की के लिए कर सकती है सब कुछ सहन।
मित्रता का फ़र्ज़ निभाती है जब वो बनती है अच्छी सहेली*
मदद करती रहती है सदा चाहे खुद हो कितनी भी अकेली।
सच्ची प्रेमिका बनकर अपने प्रेमी के सब दूर कर देती है दोष*
चाँद और तारे तक तोड़कर लाने का भर देती है उसमें जोश।
फिर पत्नी बनकर पति का मुश्किलों में संभाले रखती है हाथ*
जीवन-संगिनी हो कर निभाती है सुख-दुःख में उसका साथ।
और अत्यंत पीड़ा को सहन करके जब वो बनती है एक माँ*
तब अपने बच्चों को बिना मांगे दे देती है ममता भरा आसमां।
इसलिए पूरे जीवन काल में एक स्त्री के होते हैं कई दिव्य रूप*
वो गर्मी में पेड़ों की ठंडी छांव है तो सर्दी में सूरज की गर्म धूप।
6th मार्च का दिन है ईश्वर की सबसे खूबसूरत रचना के नाम*
महिला दिवस पर समस्त नारी शक्ति को मेरा शत-शत प्रणाम।



+ रोहित गुप्ता

भौतिकी

"सपनों का स्ययंवर"

मन धीर धरो, तन धीर धरो
चित्त-अंतर्मन सद्गुण करो,
छणिक लोलुपता के वश में आकर
न अपने सपनों पर तीर करो।
जबतक ओढ़ा है तुमने, यह हाड़ मांस का चादर

तब तक छण छण होता रहेगा तेरे सपनों का स्ययंवर,
हर राह डगर, हर पग पग में, मिलेगी तुम्हें एक रात की रानी
फैंसला तुम्हारे हाथों में, चाहिए छणिक खुशी या जीवन भर
सपने सुहानी।
समय एक ऐसा भी आएगा, जब जीवन में काले बादल छाएंगे
चारों ओर अँधियारा होगा, प्रकीर्ति वेग बरसाएंगे,
चित्त घिरा रहेगा कोहरे में, मन धुंधला सा पड़ जाएगा
तन सूखे पत्तों के जैसे, अमूमन बिखर ही जाएगा।
तब लहू से अपने तुमको, एक दिया जलाना होगा
सपनों पर फैले अँधियारे को, त्वरित हटाना होगा,
हृदय में भूचाल लाकर, नसों की रक्त संचार बढ़ाकर
मन-मस्तिष्क को संचेतित कर, सपनों से स्ययंवर रचाना होगा।



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