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TECHNIQA

Theme of the Issue

Inculcating Values

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Dr. Trina Som

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Mr. Ankit Gambhir

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Dr. K. K. Agarwal

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Ms. Vhuyashi

Ms. Shreeja Kacker



Theme of the Upcoming issue: Accompanying Edification



Delhi Technical Campus

28/1, Knowledge Park-III,
Greater Noida-201306

Mobile: +91-852-721-5678



J.P. Mahajan
Prof. & Head
School of Management
Delhi Technical Campus

I applaud the School of Engineering of our Institute to have chosen the theme of “Inculcating Values” for its 4th issue of in-house newsletter Techniqa.

Value-based education is a pre-requisite for the all-round development of an individual as it signifies one's domain-related expertise and also all those forms of attitudes and behaviours that work for the welfare of humanity. The focus of engineering education, no doubt, ought to be preparing students who will be successful professionals in industry, government, academia, research and entrepreneurial pursuit, but it is equally desirable that engineering students should imbibe those values that contribute to the well-being of the society.

The onus of developing scientific, human and social values rests not only with the family and the society, but also with educational institutions. By choosing the theme “Inculcating Values”, our School of Engineering has proven its commitment of preparing socially conscious pupils who would be serving the society and the nation with creative and innovative application of engineering knowledge.

I congratulate all the members of the School of Engineering, the entire editorial team headed by Dr. Trina Som and Mr. Ankit Gambhir for their commendable efforts in regularly publishing quarterly issues of Techniqa with finesse.

I wish the very best to all associated with this wonderful publication and hope they would carry with their labours with a sense of mission.



The Editor's Desk



Dr. Trina Som

Associate Professor

Department of Electrical & Electronics Engineering

As said by John Dewey, *Education is not the preparation for life, education is life itself*. So, education is a part of our life which provides us with knowledge of the world around us and further helps us to bring changes toward a better life. It helps us forming a perception in looking towards life and makes various opinions on different aspects of life. Basically, the education can be defined as a methodical attempt towards human learning. Educational activity starts with an individual, which are generally self-related subjective ideas. These self-related ideas often takes shape in form of individualistic values.

Education can be broadly classified as formal, informal, and non-formal type. Formal education generally refers to any planned structured learning process, which includes school or institution with pre set duration of time, subjects and uniform leading to certificates and degrees. While, on the other hand, in-formal education can be obtained from practical adult learning methods which varies on different resources and participations. The non-formal education embrace long time learning processes from experience, environment and other different non-conventional fonts. Although the three ways of education have certain advantages and disadvantages over one another, but all the three methods provide a huge scope in embedding value based education.

Value orientation is essential to all stages of rearing, formal education, communication between individuals and societal groups. All good education is in spirit a process of developing the human personality in all its dimensions, like physical, social, ethical, intellectual and moral which is undeniable and universally accepted. However, all good quality education cannot be envisaged without including values. Moreover, with growing social and religious intolerance, the age old education system has left us inadequate in dealing all the aspects of life. Under such a scenario, it is imperative that the next generation of citizens come equipped with the right balance of traditional values and progressive thinking. Hence, there is a need to refurbish the education system to inculcate the values of tolerance and ethics in modern education system. Thus the value-based educations, which impart roots and give wings to one's life, are very essential for their good well being. Values such as honesty, perseverance, compassion, generosity, kindness, respect, empathy, discipline etc helps us to find a purpose in our life.

Consequently, inculcation of value based knowledge can be brought into our society as a good practice. Inculcation which involves the process of instilling or impressing ideas repetitively in an individual will help the youth to focus a wider worldview without having them lose touch with their roots. The methods and strategies of value education are many and varied the selection of, which depends much upon the values chosen, sources of development of these values and many other limiting factors. So, technical & scientific education should include value based teaching in their conventional curriculum in order to provide a complete pedagogy to students. In this regard, Holistic learning is one of the best ways to help our young minds, in developing more self-awareness, empathy and emotional intellect required to embark upon the challenges of this millennium. Inculcating value based knowledge, will undoubtedly give birth to future leaders of a developing country in an era of globalization, in terms of every political, social, and economic fabric.



Mr. Ankit Gambhir

Assistant Professor

Department of ECE

“When educating the minds of the youth, we must not forget to educate their hearts.”

- Dalai Lama

As a member of teaching fraternity our objective shouldn't be driven simply by pragmatic leaning but also towards developing in young minds, the right values, thoughts and attitude.

Rightly said by our visionary Hon'ble Chairman Sir Mr. Vipin Sahni that “Delhi Technical Campus is not merely aimed to provide quality education but also endow with value based education to the youth of this country”.

At Delhi Technical Campus, we believe in holistic development of our students. The summation of our commitment is to produce a generation of responsible citizens. Education can build up an educated man but it is the values that build up the personality of a man. DTC always encourages its staff and students in volunteering, and supporting worthy social causes.

The theme for fourth issue of Techniqa is “Inculcating values”. Current issue highlights the various community outreach practices at Delhi Technical Campus to make a positive contribution to the society. Ample of activities such as blood donation camp, cloth donation drive, cleanliness drive, visit to old age home etc. are covered in this issue. Though this column I extend my sincere thanks to readers and members of editorial board. It is indeed a great pleasure to be associated with school of engineering newsletter.

I hope reader would find this issue inspiring and thought-provoking.

Retro-spectrum

Department of Computer Science & Engineering

Experts from TCS iON visited campus and interacted with our CSE III rd and Final Year Students on C++, Java, Python at Auditorium around from 11:30 am to 01:00 pm

“Student Interaction program on C++, Java, Python” organized by Department of Computer Science & Engineering on 03 Oct 2018. The experts Mr. Hardeep Singh & Mr. Mohit Pratap Singh, from TCS iON started the presentation with the introduction to importance of core programming languages into placement process and specially for TCS recruitment. They then further explained the concepts of advanced languages like JAVA and Python and elaborated the need of upcoming industry requirement into the same. They further emphasized on regular updating coding skill for sustaining into current IT industries. In feedback session, students asked several queries for which the expert gave satisfactory reply to students both from stage as well as during personal interaction. Students gave overwhelmed response to this expert lecture and also showed interest into enrolling into upcoming online tests from TCS iON.

A two day long full day event of Cloud Literacy Day organized by Amazon Web services (AWS) and ICT Academy was successfully conducted by Department of Computer Science & Engineering on 22-23 Oct 2018. Two Experts from ICT Academy Mr. Anand & Mr. Himanshu visited campus and assisted the department in conducting online training from AWS for both days, more than 200 Students from all the engineering and BCA department

took active participation into the same and many of them successfully got certified from Amazon Web Services as online certification.

The cloud literacy day basically covers all the basic aspects of computer science focusing upon importance of Cloud Computing scenario, Students gave overwhelmed response to this online event by full dedication and participation and also showed interest into organizing many similar events in future where they can earn some certification.



Department of Electronics & Communication Engineering

Department of Electronics & Communication Engineering successfully organized a one day **seminar on PSU'S recruitment process** on 18th October 2018. The objective of the seminar was to create awareness among students of engineering for government services examination. ECE final year students participated in the seminar. Resource persons were Mr. Sanjay kumar, Mr. Arun Singh and Mr. Ankur Gautam, Made Easy Delhi. The seminar was very helpful for student to join public sectors.

On 26th October, 2018, department of Electronics & Communication Engineering had successfully conducted an **expert lecture on 'Emerging Technologies in VLSI Design and Embedded System'** by Mr. Nirmesh Kumar Awasthi, Senior Lead, STMicroelectronics Greater Noida. Target audience was students of all semester of ECE Department. Mr. Awasthi has a sound experience of 13 Years in STMicroelectronics and has worked on various projects such as Custom IO and Chip Level IBIS model generation & Validation, Voltage and Thermal sensor IP design for SPACE, IO Library development and customization etc. STMicroelectronics is a world leader in providing the semiconductor solutions that make a positive contribution to people's lives, today and into the future. Dr.

Kumar Shubham, Head, ECE Department felicitated Mr. Awasthi with a token of gratitude. In his lecture Mr. Awasthi discussed about emerging technologies in VLSI Design and Embedded System. He also cleared doubt of the students regarding recruitment process in STMicroelectronics. In addition to that, he also discussed about scope of GATE exam and importance of qualifying GATE exam and its relevance in industry recruitment process. All faculty members and students of ECE Department were benefited by his discourse. The lecture was ended with vote of thanks by Mr. Ankaj Gupta.



Department of Civil Engineering

The Department of Civil Engineering conducted **Parents Teacher meeting** to convey to the parents the respective academic performance of their wards on 6th October 2018. The meeting started at 10:00 a.m. where they were handed report of academic performance (attendance and sessional record) and detailed discussion was done. Information regarding future site visits to be held, tentative schedules of internal and external practicals and classes for syllabus coverage was shared. Parents were asked to motivate their wards to sincerely attend the classes keeping the huge syllabus coverage in mind. Parents shared their feedback related to academics which was duly noted, and the conduct of meeting was highly appreciated by them. The meeting ended with refreshment for parents and the department looks forward to conduct such meetings in the future.

The Department of Civil Engineering organized a visit to **Sewage Treatment Plant** at Noida, Sector 54, on 8th October 2018 for 3rd and 4th year students. The students were divided into 2 batches. Mr. V. K. Aggarwal (General Manager) and Mr. Sanjeev Tyagi (Plant Incharge) gave a briefing about the functioning and other various aspects of STP through models and presentation, to the students respectively. The students were taken for the visit also accompanied by Mr. Suneel, Contractor, STP. The plants were built using the Upflow Anaerobic Sludge Blanket (UASB) technology but then Noida Authority upgraded it to the SBR technology to produce better quality of water and make it usable for several other purposes besides

irrigation. Due to the advanced SBR technology, the plant helps in bringing down the BOD levels, a common measure of pollutants in water. The whole process is fully automatic and with world class equipments. The STP Visit was very beneficial to the students and the Department looks forward to many more endeavors.

A **Workshop on “SOLID WORKS”** was conducted by Department of Civil Engineering on 22nd October 2018 in association with DUCAT. The workshop was carried out in Computer Lab, from 1:40 – 4:00 p.m. The Workshop was attended by 3rd and 4th year students along with the faculty members of Civil Engineering Department.

The Workshop started with presenting a memento as a token of gratitude to Mr. Deepak Singh, Business Development Executive by Dr. Kailash Narayan, Head of Department. He gave a brief introduction to the students about the software and Mr. Ravindra, Trainer took over with the presentation on the software. The Workshop ended with a doubt clarification session. The main objective of the Workshop was to enlighten the students with the advance softwares applicable in civil engineering industry as the students have been already trained with the basic softwares. Students found the Workshop fruitful and the Department of Civil Engineering looks forward to many more Workshops ahead.



Department of Mechanical & Automation Engineering

Imperial Society of Innovative Engineers (ISIE, An ISO 9001:2008; Associate Member of FMSCI and SFI, National Youth Award Winner by Ministry of Youth Affairs, Recommended by Ministry of New and Renewable Energy, Govt of India) from department of Mechanical & automation engineering successfully conducted **3 days Skill Development Program on Vehicle Design & Dynamics at Delhi Technical Campus** from 10th Dec to 12th Dec 2018 with a fabulous feedback from all the participants. For the participants, it was the chance to learn; grow through hands on session from Industrial Experts.

The details of the SDP are as follows-

Day 1 started with the a brief introduction about skills requirement and skill development scope by Mr. Ashhar Ahmed in presence of Head of Mechanical Engineering Department Dr. Kuldeep Pawar. Further topics like Design approach, Design Methodologies, Concept Sketch, Chassis Design Considerations, and Calculations; Introduction to CAD were discussed.

Day 2 was an interactive session where students started designing various automotive components in a sequential approach leading to the complete CAD Model of the

System. Also various subsystem like Steering, Suspension, and Brakes with working & calculations were discussed in order to make the students understand the actual need and application of Designing.

Day 3 was practical day started with modeling & simulation and needed with a Complete PVC Model of the designed Chassis of the Vehicle. Also to check the knowledge, participants have gained through our program a Computer Based Test was conducted. And at the end of the session, Certificates were awarded to students in presence of Department Faculties.

A power seminar was organised by the Mechanical and Automation Department in collaboration with the ICT Academy on 16 October, 2018. It was attended by the students of all streams of School of Technology and the School of Management. The seminar had the sole objective of igniting students minds which leads to some interesting cross-disciplinary thoughts and get some new ideas and directions about their research and also on the life skills. It also enhances the essential academic skills, develop and utilize critical thinking skills which are considered necessary for academic success. The topic of the “POWER SEMINAR” was “Strategic Thinking and Decision Making”.

The seminar started with the arrival of dignitaries- Mr. Deepak Teotia, Ms. Reema Virdee, Mr. B. Raghava Srinivasana along with the Director, Dr. A.K.Singh, Dean Academics Dr. Pranay Tanwar and Head's of various departments, teachers and the students of the college. After the lamp lighting ceremony and the presentation of

memento's to the dignitaries, the seminar was addressed by the first speaker, Mr. Deepak Teotia. Mr. Deepak Teotia is an Associate Director – Enterprise Business for Simplilearn, India. The second speaker for the seminar was Ms. Reema Virdee. Ms. Reema originally hails from Delhi, and is launching the Lyoness Loyalty Programme in India. The third and the last speaker for the day was Mr. B. Raghava Srinivasana from ICT Academy. Mr. Srinivasana has an overall experience of twenty years in Marketing and Administration, in the Education Industry. The seminar ended with the delivery of Vote of Thanks by Dr. Kuldeep Panwar, Head of Mechanical and Automation Department and a photo session of the HOD's with the various dignitaries.

The seminar was a very successful one which featured multiple tracks with noted speakers highly technical issues to teach the fundamentals of a specific application to engineering / management graduate students across the country.



International Conference on Materials & Manufacturing 2018 was organized by Department of Mechanical & Automation Engineering Department, Delhi Technical Campus, Greater Noida on 26-27 October 2018. Dr. Pranay Tanwar, Dean Academics and Dr. Kuldeep Panwar, HOD MAE were the Conveners of the Conference. Dr. Mohd. Atif Wahid & Mr. Etkaf Hassan Khan were the Co Conveners of the conference. Mr. Radha Kant & Mrs. Renu Singh were the Organizing Secretaries of the conference.

Day 1 (26 October)

Dr. Asanga Ratnaweera, Professor, University of Paradeniya was the Chief Guest for the inauguration

ceremony of the conference. Dr. Inderdeep Singh, Professor, IIT Roorkee, was the Guest of Honor for the inauguration ceremony. The inauguration ceremony started with the opening speech of Patron in Chief Hon'ble Mr. Vipin Shani, Chairman, Sunshine Educational & Development Society. Hon'ble Justice Mr. Bhawar Singh, Director General, Sunshine Educational & Development Society graced the dais and shared his views on the technological advancements in field of Mechanical Engineering. Dr. Asanga Ratnaweera & Dr. Inderdeep Singh also share their views on the theme of conference. The ceremony ended with the vote of thanks by Convener of the conference (Dr. Pranay Tanwar).



Community Outreach Programmes

The Community Connect Project is a continuous program of *Delhi Technical Campus*. Through the project, the Institute, complete with its staff and students, embraces the responsibility towards the community and environment (both ecological and social) in which it operates. It endeavors to make a positive contribution to the society. A wide range of activities are covered in the project to encourage staff and students in volunteering, and supporting worthy social causes etc. Few of such activities were carried out by our Institute, which are as follows;

BLOOD DONATION CAMP 2018



To continue positive efforts in this direction, our Institute organized a **Blood Donation camp** in association with Rotary Club Noida and Inner Wheel Delhi on **3rd Oct 2018**. The camp was organized to help the noble cause of Blood Donation. The Staff and Students were notified in advance and names of the interested donors were taken by the Event - Coordinators. The camp started at 10:00 a.m in the morning. Our Honorable Chairman Mr. Vipin Sahni served as a source of great encouragement by being the first donor. He also addressed the students about the importance and benefits of blood donation. Honorable Chairperson Mrs. Kiran Sahni, also motivated the students and revealed the benefits of blood donation. The faculty members also participated actively in this

noble cause. A team of Doctors checked the blood group and Hemoglobin of each and every Donor. All those who donated blood were awarded Certificates and Memento along with the refreshments. The Team of Doctors thanked our Faculty Members and Students for their co-operation and congratulated DTC Family for donating **141** units of blood and making this drive a great success.

VISIT TO “ANAND NIKETAN VRIDH SEWASHRAM”

On 4th Nov 2018, Students and Faculty Members of Delhi Technical Campus Greater Noida visited an Old age home, **Anand Niketan Vridh Sewashram** of Jan Kalyan Trust at Noida. Old age home have its pleasures, which though different, are not less than the pleasures of youth. It was an opportunity for us to share the joy and peace of Diwali with them. We the **DTC Family** consisting of faculty, staff and students along with the generous Chairpersons gifted them a **LG 300 L Refrigerator**. The sparkle in their eyes was hard to miss as their hearts was filled with joy on receiving this gift. They appreciated the fact that the young generation is taking interest and coming to spend a little time with the old people here in this old age home. It is a great initiative taken by the college authorities and the students. They blessed the DTC family and asked us to pay them another visit soon. Before this, our students had never been to an old age home, so we were wondering what it would be like. The inmates were very hospitable and friendly, and they welcomed us with their beautiful smiles. Though we spent only a few hours with them, they made us realize the value of our grandparents and the tenderness with which we need to take care of them. The children realized that love for their family, particularly their grandparents has grown stronger and deeper. It was really a poignant experience for all the students to visit the old age home and interact with its inmates. This visit was a huge learning experience for the young citizens and after spending only a few hours with them, the students vowed to do something for senior citizens and contribute towards the betterment of their condition



CLOTH DONATION DRIVE IN ASSOCIATION WITH GOONJ NGO

To inculcate values in students and to continue positive efforts in this direction, **Cloth Donation Drive** were organised on 22nd Nov 2018, in association with Goonj NGO. Students and staff have actively participated in Cloth Donation Drive. All winter clothes were donated via drop boxes put at each block of institute. All boxes were sent to Delhi Public World School, sister concern of DTC. Volunteers from NGO Goonj visited school and collected cloths. The collected material would be used by Goonj to trigger large scale work on water, sanitation, infrastructure, agriculture, education and rehabilitation with rural communities in villages of India. Overall it was really a poignant experience for all the students.



DIWALI FOR ALL DIWALI MELA 2018



Delhi Technical Campus celebrated the **Diwali Mela** on 2 November 2018. The Institute witnessed the enchanting beauty of thoughts and spirits that define Diwali! The Mela was inaugurated by the Chairperson Mrs. Kiran Sahni. All decorations were done by the students which made the campus look even more beautiful. The Mela set the students in cheerful mood before taking a break for the upcoming festival. The extravaganza witnessed a variety of delicious food stalls, games, challenges and cultural performances to bedazzle you. To top it all, the students vouched to donate all their proceeds to towards a social cause. The major attraction of the day was a stall of Handmade materials like lamp shades, jewellery boxes, paper

bags, painted diyas, greeting cards. It was all about hand-made stuff and natural products at the Diwali Mela organised by the Institute. In addition to all the fun and zeal was the social cause intended by the Institute. A collective contribution from the Management, students and faculty members made it possible for the Institute to donate a Refrigerator to Anand Niketan Vridh Sewa Ashram.

The Tasveer Society set-up a beautiful photo exhibition reflecting their creative side. The pictures were put on sale to contribute from the institute towards a social cause. The photos beautifully captured the moods and scenery from various aspects of life.

But it wasn't all work for students. There were various games which attracted the attention of students and faculty members. Students set-up Games stalls like Lucky Seven, Seven Up Seven Down, Break the Pyramid etc. The campus was decorated with diyas and handmade hangings by the students of B.Arch. The pretty Rangolis made by the college students as participants of the Rangoli Competition further beautified the event. Along with the stalls, there was add-on to the fun and frolic through various cultural events organized by the Student Societies of the Institute. The students put up a beautiful show through their dances, plays and other cultural events. There was a Theme-based Class Room Decoration competition with the theme of State of India. The Director General, Honorable Mr. Justice Bhanwar Singh blessed the students on this auspicious occasion. The celebrations came to an end on a happy note wishing all a very Happy Diwali.



LIVELY PARTICIPATION BY DTCIANS IN SWACHH BHARAT INTERNSHIP AT NATIONAL LEVEL



Swachh Bharat Mission was launched as a national movement on October 2nd, 2014. The Ministry of Human Resource Development in association with the Swachh Bharat Mission (Gramin) and Ministry of Drinking Water and Sanitation launched a Swachh Bharat Abhiyan 2018, in which an opportunity was given to all the students of colleges and higher educational institutions across India to take the initiative of being a part of this mission, and they were expected to take up a project of promotion of cleanliness, by spending an approximate duration of 100 hours in the village selected by the student.

A team of 10 enthusiastic students from Delhi Technical Campus headed by AJAY KUMAR YADAV of B.TECH (EEE) along with his team members selected the village of BAJARPUR of the DANKAUR block in GAUTAM BUDDHANAGAR district and planned and carried out various cleanliness activities such as cleaning of government school, educating the students of the village school about cleanliness and personal hygiene, door to door counselling and several awareness programmes. The report of this programme was submitted to the GGSIP University, Delhi and also to the ministry of HRD. An interview session cum project evaluation was carried out in the IP University and the group was selected as the best group of the institute and were awarded a certificate of appreciation /merit by the ministry of HRD, Government of India. The efforts of the students were very commendable.

Technical Societies



Students' Technical Societies

CESTA

CESTA is a society formed by the students of department of Computer Science and Engineering, Delhi Technical Campus. It works towards giving their students a platform to integrate and perform other than just academics and curriculum.

Civil Engineering Awareness Society (CEAS)

CEAS is a society of civil engineering students. It aims at improving the welfare of the students of civil engineering. Many workshops and events are conducted time to time to improve the overall performance of the students of civil department.

Random Solutions

RANDOM SOLUTION is a society formed by a group of engineering students from department of Electronic & communication; and department of electrical & electronics, in order to perform and carry out various technical workshops, projects, trainings, quizzes, and other motivating activities. The vision of the organization is to enhance educational, practical and professional capability in delivering quality and sustainable services to all students of Electrical and Electronics & Communication Technology.



STYLUS

Students of Mechanical Engineering department formed a society named Stylus . It aims at improving the curricular and extra-curricular activities and performances of its students through various activities, events and competitions.

Leaders in Environmental Action for the Future (LEAF)

This organization endeavours at building up leaders for environmental action for the future generations. Further various works leading to conservation of the environment are performed. The overall vision is to create a healthy environment and create awareness regarding the same.

Events organized by Technical Societies



CESTA organized a gaming competition on 12 th Sept, 2018. This was the first technical event organized in this current academic session with enthusiasm and determination. The event was organized by event coordinators keeping the interest and need of the engineering student into consideration, with little emphasis on the fun full event behind the scene. The event was successful enough to attract 100 plus registrations. The competition was organized in two rounds Squad (Team) and individual. The winners were encouraged with cash prize. The certificates were distributed among the participants by Dr. K.K Aggarwal (H.O.D, CSE), Mr. Dharmendra Yadav (Assistant professor, CSE) and Ms. Upasna Joshi (Convener, CESTA). Department feels proud to organize such a successful event and would like to convey thanks to Director, Dean and management for their timely advice and cooperation for organizing successful event

Random Solution organized an one day intercollegiate Technical Fest – “EVOLUTION 2018 on 25th October 2018. The objective of the event was to create awareness among students of Engineering and Science course about various projects. Total 80 students participated in the event. Mr. Bharat Kumar (World Champion Para-Swimmer) was invited as guest of honor. Dr. Babu lal (Ex Executive Director at BHEL, NOIDA), Mr. Chetan

Swaroop Sharma (AGM at BHEL, NOIDA) and Mr. Anil Lohani (Sr. Engineer at BHEL, NOIDA) marked their presence as jury. A number of participants submitted their responses for the participation but out of them total 8 teams were short listed for presenting their innovative ideas. Among those innovators three of them succeeded for achieving the positions and rewards. First Prize (5000/-) rewarded to a very unique thought “Smart Wheel Chair”, the second prize (3000/-) rewarded to “Traffic Control System” and the third prize (2000/-) rewarded to “Sewage Smart Water Purifier”. In between these experienced innovators, participated with their idea of “Zero Visibility Warning System” and wins the heart of everyone and rewarded with Appreciation Certificates. As the whole day became witnesses of many memorable moments and leads many new thoughts that will be fulfilling as future expectations.

On the International day for climate action **Leaf conducted an Environmental Quiz** on 25th October,2018. The guest of honor as well as the judges for this auspicious event were Professor J. P. Mahajan (Head of MBA Department) and Mr. Nikhil Nigam (Head of EEE Department). The event was inaugurated by both the judges and Planters to both the chief guest was given as a token of respect by 'Sunita' from MBA (1 st year) and Ajay Kr. Yadav B.Tech (EEE 3 rd year). The event started with the national anthem and then curiosity and pressure on the face of participants could be easily seen. The students participated in groups as well as solo. The session was wrapped by the message of President of Leaf Club 'Ajay Kumar Yadav' and Vice President 'Sapna'. Altogether it was an event full of fun, learning, curiosity and happiness. The Winners were: –

- 1) Sunita(MBA 1st year) and 1)Jatin Singh(B.Tech 1st year)
- 2) Sapna (MBA 1st year) 2)Krishan (BTech 1st year)
- Runner ups were:* – 1)Rohan(BTech nd year) and 1) Pooja(MBA 1st year)
- 2) Kunal (BTech 2nd year) 2)Priyanka(MBA 1st year)

Fly Initiatives

The FLY committee is informally labelled as “Family Like You”. It gives a podium where faculty members can share their mutual feelings and wishes with each other. This also provides in enhancing fruitful involvement with the institution for long term. The basic purpose of FLY is “Faculty Welfare” which can build better bonding between the faculty members. The entire teaching community at DTC celebrates all various occasions and events together along with the esteemed members of the management, and technical staff members. This ultimately leads to a harmonious day to day working and level inters – department faculty coordination resulting in high color achievements.

Events organized by FLY Initiatives

FDP(NITTTTR)

Under Fly initiative, **FDP on Students Centered Instructional Strategies was organized in collaboration with NITTTTR Chandigarh** from 03 December 2018 to 07 December 2018. DTC is an approved remote center of NITTTTR Chandigarh for conducting various ICT based FDPs and short term course. Various students centered instructional strategies such as Lecture-cum-discussion, Think pair share, Jigsaw, Numbered heads together, Case study, Seminar, Brainstorming, Group discussion, Role play, Games simulations, Send a problem, One minute paper, Project assignments etc were conducted and taught. The objectives of the course were to equip the participants with requisite knowledge and skills for adopting student centered methods of instruction in their teaching. The 5 days FDP ended on 7th Dec 2018 by the vote thanks by course coordinator, Er. Amandeep Kaur of NITTTTR and remote center coordinator, Mr. Ankit Gambhir.



ANNUAL SPORTS MEET FOR FACULTY AND STAFF MEMBERS



Delhi Technical Campus organized its Annual Sports Meet for the Faculty and Staff Members on 15th December 2018 at DWPS Noida Extension. All the faculty and staff members participated in various events viz : Badminton , Cricket , Table Tennis , Chess , Carrom , Tug of WAR, Shot Put, Volleyball etc. 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 were made to take The Sports Pledge. It was followed by the National Anthem along with flag hoisting ceremony. The event was initiated to not only build companionship among faculty and staff but also to initiate a commitment towards physical well being. The highlight of the event was cricket where the entire DTC family was divided into teams. The objective of the event was to promote team building and to highlight the positive results of teamwork. The winners of the various sports events were awarded certificates as winners and runner-ups. The DTC family expressed gratitude towards the entire sports committee, and specially the Coordinator, for the initiative and hard work done to give this event a successful end.



DIWALI cum BIRTHDAY CELEBRATION OF HON'BLE CHAIRMAN SIR



On 6th nov 2018, the faculty and staff gathered at seminar hall to celebrate two auspicious events viz diwali and birthday of Hon'ble Chairman Mr. Vipin Sahni Sir. The event was marked by the gracious presence of Hon'ble Chairman, Chairperson, Vice-Chairman, Director General and other dignitaries. The seminar hall was decorated by faculty members that generates a warm feeling of diwali celebration. The event started by very first activity i.e rangoli making competition in which architecture department outclasses others departments. After that members of management greeted diwali wishes to all faculty members. Hon'ble Director General extended warm birthday wishes to Hon'ble Chairman and felicitated him with a bouquet of flowers followed by a cake cutting

ceremony. After that Mr. Ankit Gambhir briefed the audience about collective contribution from the Management, students and faculty members which made it possible for the Institute to donate a Refrigerator to Anand Niketan Vridh Sewa Ashram. To make event informal, Hon'ble members of management played tambole with all faculty and staff members. The event ended on high note by several ice breaking activities performed by faculty members.

BEST TEACHER AWARD

'Best Teacher Award' ceremony was held on 24th Dec, 2018 for felicitating the faculty for their contributions as teacher, mentor, researcher, and administrator in several other fields. In recognition towards their contribution Delhi technical campus rewarded them with certificates and awards. The award distribution ceremony was carried out gracefully by the Institutes eminent personas, namely Director General, Mr. Justice Bhanwar; Director, Dr. A.K.Singh; Dean Academics, Dr. Pranay Tanwar. The awardees are as follows:

1. Ms.Yogita Kushwaha (Excellence in Overall Performance)
2. Ar.Gandharva Swami (Excellence in Overall Performance)
3. Ms.Sanober Khan (Excellence in Overall Performance)
4. Mr.Vipin Sharma (Best Teacher)
5. Dr.Malvika Chaudhry (Best Teacher)
6. Ms.Megha Kumar (Best Teacher)
7. Dr.Kumar Shubham (Best Teacher)
8. Dr. Trina Som (Best Teacher)
9. Ms.Renu Singh (Best Teacher)
10. Mr.Ankit Sahay (Best Teacher)



MONTHLY BIRTHDAY CELEBRATION

On last day of every month, DTC family organizes special celebrations and brings everyone together to celebrate the birthdays of that month born faculty and staff members, conveying homely feels and wide smiles on faces. The cake cutting ritual always experiences enthusiasm and joy in the air; it is a day to relish for all the birthday buddies. All faculty members are very thankful to honorable management for this compassionate and caring endeavor.



Faculty Perceptions



Dr. Kuldeep Panwar
Head, MAE & CVE

Inculcation of values in Educational Institutions

Value Education instills good values, attitude and morals. It also ignites introspection, curiosity, development of proper interests, capacity to think and to take a proper judgement call. It helps in various other ways one wouldn't notice like in promoting social integration and social skills.

One of the main objectives of Value education is to awaken and evolve the good and true in a student. It should also aim at the development of a scientific edge, large heartedness, open mindedness and tolerance for other cultures and creed. Students should understand and value the strength of Unity and Cooperation.

Providing value education is not enough, it should be actively effective to students. Let us now discuss the ways which make value education more effective.

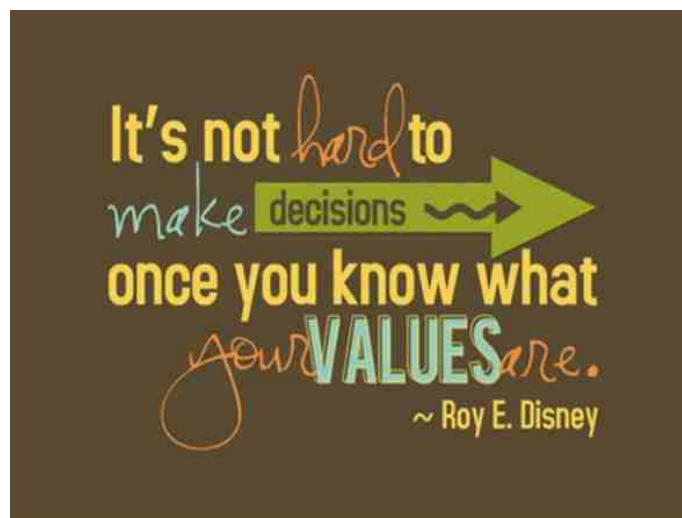
The progress in science & technology should be endorsed towards the goodwill and welfare of mankind. Rediscovery of values to unite human beings to combat the decline of tradition values.

Teachers pass values to the students both consciously and subconsciously through their conduct in and out of class rooms hence there is a need for a consciously planned value education program.

Students might face complicated situations about issues involving values. They may land in a state of conflict and confusion hence they should be guided in developing the ability to make proper and correct choices during such conflicting situations as well.

Increase in Juvenile delinquency is a proof of the crisis faced by youth while undergoing the process of personal growth. In such situations value education holds an utmost significance and it could significantly reduce such incidents if used in correct direction.

In college, there should be a small society that students



could enrol in. It could help in exerting a tremendous influence on their moral development. Also, teachers serve as a role model to students. They play a major role in inculcating their ethical behaviour.

At the same time, peers at school should speak about pseudo boldness in cheating, lying and stealing, and how the real boldness and character shows in having consideration for others and following a good path. Educational institutions play a major role in developing pro-social behaviour in children.

Students should be encouraged to be accountable for their own actions and should learn to respect and treat others kindly.

The teachers are the first role model to the students outside their family. When the students see the model showing concern for others, they imitate it with fellow peers.

Students are taught basic morals and values in school. They should be taught by emphasizing the idea through many activities, stories and tales, which will encourage them to engage in more helping behaviour.

The teacher should appreciate students for developing pro-social behaviour.

Students' ability to develop a relationship with peers is critical to their wellbeing. These students face difficulty in understanding social or nonverbal cues and they lack the ability to reason. The teachers play a role in helping these rejected students learn to listen to peers and "hear what they say" instead of trying to dominate peers. Neglected students are helped to attract and hold their attention from peers. They are taught to ask questions, listen, and help them to establish interest groups or clubs where they integrate in a positive way.

Need for Values!



Dr. Alka Srivastava
Head, Applied Science

Mere bookish knowledge and factual information is not sufficient to prepare our young generation as strong and solid pillars of society and nation. There is an imperative need for 'Holistic' learning, an education which is not merely stuffed with dry facts, but also enriched with human values. Mere academic knowledge and education that is not deeply rooted in human values will only give rise to personalities who may become rich in material possessions, but will remain poor in character, right conduct, social concern and peace. Emphasizing the importance of value education, Swami Vivekanand said: *"Excess of knowledge and power, Without Values, make human beings devils"*

Education does not simply mean acquiring facts and information, but also use that knowledge within the right framework of ethics and values. Education is for a Holistic Life and not for a mere living. Values are the essence of life.

Values are like building blocks which are used to form a firm structure. The building blocks are set into position by several workers to construct a building. In the same way, the values inherited from family, society, culture, environment, teachers and other influencing factors raise a firm individual. It is the values that build up the personality of a man. Human values and ethics empower the students to judge their actions and decisions and follow the right path. Enlightened with these immortal values, the students will shine like stars whom no sin can tempt or deviate from their path.

Inculcating Values



Ms. Manisha Dwivedi
Asst Prof, EEE

Inculcation means to impress an idea on someone through practice, teaching and training. 'Value' comes from the Latin word 'valere', which means to be worth, to be strong. Values give direction and firmness to life. Values are standards, rules, criteria, attitudes, guidelines, desirable beliefs and important things, which play a crucial role in shaping the life of individuals. Thus, Inculcating values means fixing up of values in mind which can be stated as a lifelong quest. Every human being lives by certain values which help in defining their character. It takes a perfect proportion and combination of negative and positive values which demarcates a noble human being from an inferior being. Thus from above we can say there are two kinds of values - positive and negative. The positive values are Honesty, Compassion, Integrity, Forgiveness, Love, Knowledge, Discipline, Faith, and Leadership. The negative values are like prejudice, hatred, greed, selfishness, and others. Every person is born neutral, that is like a clean slate but once come in his/her senses get surrounded by the three major elements present in their surroundings which are their families, society and educational institutions. We can say that for inculcating values in any human being the roles of above mentioned three elements is remarkable.

Role of Family- A human being first socializes with his/her family. It is the home which sets the pattern for the child's attitude. Some measures can inculcate values in children at family level like praise and encourage to explore, realistic goals, acting as a role model, respect to all humans, animals, sensitize children towards weaker and marginalized sections, set religious and cultural values together with children, never indulge in dishonest deeds and help children to develop the sense of discrimination between right and wrong so that they could develop their own value judgement.

Role of Society- Next to family, it's the society which teaches children about social values. A society flourishes best when it is composed of men and women who are intelligent, hard working, honest and noble. An ideal society is one which gives opportunity to every individual to grow physically, intellectually and morally. The role of society is very important for the social development of child.

Role of Educational Institutions- Education in its aims, curriculum and methods is linked with values. At Educational institutions we can incorporate values through existing curriculum, co-curricular activities, discussing inspirational stories and slogans, through games, teaching dignity of labour, practicing gender equality, concern for environment, justice and democracy. Since character of people may decide destiny of a nation, the families, society and educational institutions should pursue joint efforts for inculcating values in children.

Swami Vivekananda relates knowledge with values and says, “Excess of knowledge and power, without holiness, makes human beings devils”

Inculcating Values



Shreeja Kacker
Assistant Professor
Department of Civil Engineering

In the words of Elvis Presley, “Values are like fingerprints. Nobody's are the same, but you leave them all over everything you do.”

Human values are a set of beliefs that are closely integrated with human life. Every living human being lives by certain values, both positive & negative. Honesty, Compassion, Love, Integrity, Faith, Discipline are some of the positive values known to mankind. On the other hand, prejudice, hatred, greed and selfishness are some negative values. And, it is only a combination of these positive and negative values in a human being that help us distinguish between two individuals. When confronted by choices, options & moral dilemmas, the decisions we make indicate the values we hold.

In fact, the fabric of any society is held together by the standards of morality maintained & practiced by its citizens. The family, school as well as the society plays an important role in building up the morals of an individual. The inculcation of human values is a process that aims to make an individual realize the importance of discipline in our lives so that we can lead our personal & professional lives in a positive direction.

A person with good values is always looked up to by other people. Such a person is treated as reliable & is welcomed everywhere. A nation with large number of people with high morals will certainly progress & develop faster.

Thus, as responsible citizens of society, we must realize the importance of good values & help ourselves, our youth & the future generations to live by these values.

Congratulations



1. Yogesh Yadav (MAE 3rd year), Parinita Rastogi (ECE 1st year), Jasmine Sethi (CSE 3rd year) & Divyanksha Khulbe (MBA 2nd year) for clinching medals at 15th Inter Collegiate Annual Sports Meet-2018 at Guru Gobind Singh Indraprastha University, Dwarka, Delhi.
2. Srishti Sharma (ECE, 2nd year) and Deepika Katiyar (ECE, 2nd year) for bringing laurel to Institute by securing 1st rank in Intra-University Fest *Anoogunj* 2019 in Rangoli Competition.
3. Ajay Kumar Yadav (EEE 3rd year) and Aarushi Bhatia (CSE final year) for winning the All India Essay Competition-2018 organised by UNITED Nation Information Center for India and Bhutan in collaboration with Shri Ram Chandra Mission and Heartfulness Education Trust. They received merit certificates as well as Honourable mention among all entries received from the various institutions in this category.
4. A team of 12 students from Department of MAE, for getting selected in Efficycle Event held at Lovely Professional University, Jalandhar from 9th to 13th October 2018. Mudita Gupta MAE 3rd Year student headed the team along with Mayank Ahuja (MAE 3rd Year). This national competitive event was supported by Maruti Suzuki India Ltd (MSIL); Indian Oil Corporation; ICAT; and, Society for Automotive Engineering-Northern India Section (SAENIS).

