

THE CAMPUS SCOOP

TO EMPOWER THE VOICE OF COMMUNITY

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- Swachh Vidyalaya Parisar Abhiyan
- Teachers' Day Celebration

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Table of Contents

Article of the Month

Beyond Academics

Academic Events

- Seminar and Conference
- Workshops
- Industry Exposure
- Faculty Development Programs

Achievement Corner

Editorial

Bharti Shokeen

Vhuyashi Das

Ankit Gambhir

Durgesh Gupta

Sanobar Khan

Nikhil Nigam

Adhirath Mandal

Sugandh

Ar. Sushma Garg

Ar. Arundhati

FOREWORD BY THE CHAIRPERSON



Kiran Sahni

When the new disciples enter the temple of Saraswati, along with great social, cultural and linguistic diversity, they bring various challenges. Their innocent soul being shaped by family through ethics and molded by school through rigorous discipline now carves for independence.

Habitual and accustomed to heavy school bags, the young hands now want to explore technology and reach the unreachable.

This inexperienced intellectualism tries to assess and analyze the world through the eyes of logic and reason. Their dreams and aspirations are limited to their individual self. In their modern and practical world, there is little space for any social and national concern. Here in lies the powerful role of college teachers and gurus – to bridge the gap between wisdom and intelligence, traditional and modern, individual and national etc. As representative of our rich heritage and culture, we have to shoulder this great responsibility and remind them of the struggle of those immortals like Shahid Bhagat Singh for whom Motherhood India, chained in the shackles of British Imperialism, was more important than his family mother. Giving these immortal tales of heroism and sacrifice, we have to broaden their outlook from a limited individual self to a responsible Indian national. This bright, young and energetic brain can create miracles if it is channelized and regulated with both the roots of values and ethics and wings of science and technology.

The Institute has taken a very proactive stand from the very beginning to develop and nurture strong bonding among students. During the Orientation itself, special round table sessions on human values and ethics were conducted, and the new students got an opportunity to directly interact with the chairperson, director general and administrators. Taking forward these dynamic steps, Swachh Bharat Campaign was organized this month and the entire DTC community joined hands to strengthen the great cause. ■

Editor's Desk



Color splashed on the canvas cannot give the look of an art and appeal to our eyes. Similarly, a figure drawn without colors does not reflect the passion and intensity of an artist. It is only when the imagination plays with shades and shadows, color and hues that the creation takes place. The beautiful and panoramic world of Delhi Technical Campus is projected and reflected through the canvas of our newsletter. This monthly newsletter garners and gleans the various cultural, academic stories and tales of glory, weaves them in beautiful combinations and presents in the form of a memorable chapter.

Hardly two months old and still in its infancy, this little art work is now growing and flourishing rapidly. In addition to major headings and areas of concern, the newsletter will now reflect an overall theme of the month which will unite all in its spirit. Hence, 'Swachh Bharat' became the spirit of this month, and the institute organized 'Swachh Vidyalaya Parisar Abhiyan on September 17, 2016.

Through 'Swachh Bharat' campaign, the entire DTC community represented its united spirit and voiced the vision of Gandhi's 'Clean India'. Following the path of Gandhi Ji, both the teachers and students joined hands to hold the broom and made a resolution to dedicate themselves to the greater cause of 'Cleanliness'. ■



Swachhata Through Centuries!

Swachh Bharat is a campaign that achieved the status of a movement and gained momentum during the government of Narendra Modi. Its success and status is subjected to the sense and sensibility of people. Before Prime Minister Modi also, many leaders and great thinkers have preached and practised it under different slogans, symbols and situations. However, all these theories and their practices convey the idea of 'unity' and 'cleanliness'.

Madhu Purnima Kishwar in his article **'How not to remember Bapu'** published on October 2, 2009 says "every single year since Manushi was founded in 1978 we have kept the office open and functioning on Gandhi's birthday, as a

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We are number one in Remote sensing satellites.
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tribute to the memory of Bapu - the greatest karmayogi of our epoch.... if the Government must indulge in tokenism on Gandhi Jayanti, it would be more appropriate if it encouraged government employees to spend that one day cleaning up their filthy offices and toilets with their own hands, and observe a maun vrat (fast of silence) for the day.

Dr. Abdul Kalam Azad also targeted this issue, in an aggressive tone, in his lecture delivered at IIT Hyderabad on May 25, 2011:

**'We are the first in milk production.
We are number one in Remote sensing satellites.
We are the second largest producer of wheat.
We are the second largest producer of rice.....'
However, in the matter of 'Cleanliness', we forget all numbers and numerals and start cursing the government and municipal corporation for inefficiency:**

**"YOU say that our government is inefficient.
YOU say that the municipality does not pick up the garbage.
YOU say, say and say. What do YOU do about it?"**

Mr. Tinaikar, the famous Ex-municipal commissioner of Bombay, also speaks in the similar lines: "Rich people's dogs are walked on the streets to leave their affluent droppings

all over the place," he said. And then the same people turn around to criticize and blame the authorities for inefficiency and dirty pavements. What do they expect the officers to do? Go down with broom every time their dog feels the pressure in his bowels? In America every dog owner has to clean up after his pet has done the job.

On October 2, 2014, Shri Narendra Modi launched the Swachh Bharat mission as a national movement. "A clean India would be the best tribute India could pay to Mahatma Gandhi on his 150 birth anniversary in 2019." Picking up the broom, millions of people joined hands with the mission to 'clean India'. The broom combined all sections of society together in a great national spirit emphasizing once again the feeling of 'unity' and 'cleanliness'.

learned academicians, strong and solid pillars of wisdom, the

Swachh Mahavidyalaya Parisar Abhiyan

'Sanitation is more important than independence' – Mahatma Gandhi



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young and vibrant brains from premier institutes and the resulting achievements of our students. ■

On September 17, 2016, Delhi Technical Campus organized a Swachh Mahavidyalaya Parisar Abhiyan. The cleanliness drive was an effort to create awareness towards the importance of hygienic surroundings. Mrs Kiran Sahni, Chairperson, Delhi Technical Campus, initiated the cleanliness drive by picking up the broom to clean the dirt. She evoked the sense of responsibility among the faculty, staff and students of DTC towards the dream of a 'Clean India' once seen by Mahatma Gandhi. She expressed her views on the importance of hygienic surrounding and its impact on the health of students as well as faculty members. She added that cleanliness is not confined to the surroundings only but cleanliness of mind and spirit as well. She ended her speech by a very popular saying 'Cleanliness is next to Godliness.'

All the departments were divided into teams and were assigned areas by the coordinator of the event to help induce team spirit. Faculty members, staff and students took the broom to sweep the areas assigned to them.

Cleaning of Campus by picking up wrappers, dry leaves, plastic waste, plant waste along with bordering the corners of the area with lime powder were some of the activities performed by the respective teams. At the end, the faculty members, staff and students administered the oath to keep the surroundings clean. ■

Teachers' Day Celebration 2016



Teachers play a major role in making their students responsible citizens of tomorrow and good human beings. It is impossible to imagine our lives without teachers. They are the cornerstone of our future. We can never thank teachers enough for their immense contribution in a student's life. Teacher's Day is celebrated to show acknowledgement and recognition of the hard work put in by the teachers towards their development.

Delhi Technical Campus celebrated 'Teacher's Day' very exuberantly on 5th September, 2015. It is well known as Dr. Sarvepalli Radha Krishnan's Birth Anniversary who is a great politician, philosopher, educator, inspirer and a great teacher.

Students always look forward to Teacher's Day with a lot of anticipation, and for the sheer spirit of the occasion. By celebrating the occasion they get a fair idea of the responsibility so efficiently handled by their teachers. Students arranged a wonderful celebration for their Teachers. They decorated the

classrooms and conducted the event in a very well organized manner. They gave Titles to their Teachers and made them share their experiences with their students. There was a Cake Cutting Ceremony by the students to grace the occasion. All the Teachers were delighted and touched by the loving gesture of the students.

In the second half of the day, the Management of the Institute arranged for refreshments and a Get-Together for all the Faculty members. The Honorable Chairperson acknowledged the importance of a Teacher in one's life and encouraged all the Faculty members to take their responsibility as a Teacher with complete honesty and dedication. Each one was felicitated with a beautifully designed Trophy by the Chairperson, Mrs. Kiran Sahni, Dean Academics, Dr. Pranay Tanwar, Dean Administration, Prof. Jitendra Pathak and Director, Dr. U.K. Choudhary.

All in all, it was celebration mode for everyone! ■

Vishwakarma Puja

Vishwakarma Puja is a day of celebration for Vishwakarma, a Hindu god, the divine architect. He is considered as swayambhu and Creator of the world. He constructed the holy city of Dwarka where Krishna ruled.

On September 17, 2016, Vishwakarma day was celebrated by the Department of Mechanical Engineering. All the faculties and lab assistants were present in the celebration. Tools in the workshop were worshiped. All the faculties participated in the prayer. Prasad was distributed. ■



Academic Events:

Faculty Development Program by Prof. Jitender Pathak

The Department of Electronics & Communication organized a Faculty Development programme (FDP) on Teaching Methodologies on September 24, 2016.

Prof. Jitender Pathak (HoD ECE & Dean Administration) was the keynote speaker. He has 28 years of Industry, research and academic experience in reputed institutes. He shared his vast experience of teaching and techniques with the faculty members.

He laid emphasis on the different types of questions put up by students. A student gets a better learning experience if he/she



- knows the objective behind studying the subject
- has enough preliminary knowledge at his command
- finds himself in a friendly atmosphere
- remains motivated

Last but not the least, all the faculty members were given opportunity to share their varied teaching experiences. He concluded with a very popular saying 'NO HUMAN BEING IS COMPLETE WITHOUT EDUCATION' ■

Visit to Asia's Largest Energy Trade Expo, Renewable Energy India 2016

An educational trip was carried out at **Asia's Largest Energy Trade Expo, Renewable Energy India on 9th September, 2016 for the students and faculties of Electrical and Electronics Department.** The main objective behind the visit was to make the students aware about industry trends and challenges, assimilate innovations and product launches and absorb clarity on the Indian regulatory framework for mainstreaming and up scaling of renewable energy.

It is rightly said that "See & know" is better than "read & learn". To have the real feel of innovations in the field of Renewable Energy Resources and their implications, 40 students along with 2 Faculties Ms Ishta Garg and Mr. Rahul Diwakar went for the 10th edition of Renewable Energy India (REI) Expo, the three day show at the India Expo Center, Greater Noida.

The show brought together internationally renowned exhibitors, consultants, business experts, research scholars, key government officials and students under one common platform, to discuss global best practices and seek solutions to some of the most pressing challenges in the power and energy sector.

REI, on its 10th anniversary, saw participation from 40 countries and is supported by the Ministry of New and Renewable Energy, Govt. of India (MNRE) along with various Indian Renewable Energy Agencies and International collaboration through Indo German Energy Forum (IGEF) and Bloomberg New Energy Finance (BNEF). Presence of Central & State Governments amongst renowned Indian & global brands graced the exhibition. ■



Expert Lecture: Inter-Linking of River's & Current Status



The Department of Civil Engineering arranged an expert lecture on “**Concept of Projects envisaged under India’s Interlinking of River’s Programme and their Current Status**”. The lecture was delivered by Professor Krishna Pal Singh, Sharda University on 14th September, 2016 in the Seminar Hall.

The event started with the welcome ceremony of Chief Guest Prof. Krishna Pal Singh by Dr. Jitender Pathak, Dean Administration and Mr. Abhay Tripathi, Head of Department, followed by a welcome speech by Mr. Abhay Tripathi. Prof. Krishna Pal Singh shared his technical views and his vast experience on the topic with the students and faculty members during the session. Towards the end of the session, there was a question answer session

wherein the students got ample time to clarify their doubts. The students participated with full enthusiasm. The entire session was very interactive and fruitful. The session concluded with the Vote of thanks by Mr. Abhay Tripathi, Head of the Department. ■

Expert Lecture: Repair and Rehabilitation of Concrete Structures

The Department of Civil Engineering organized an expert on 14th September, 2016 on “Repair, Rehabilitation and Retrofitting of concrete structures”. The lecture was delivered by Prof. J. Bhattacharjee, Amity University (Former Chief Engineer and Jt. Director General, Ministry of Defence) in the Seminar hall at 11:30 am.

The event started with a bouquet ceremony followed by a welcome speech by a student Poshika Pundir, addressing the achievements of the honorable guest Prof. J. Bhattacharjee. With a huge round of applause, he then took over the stage and enriched our students with his vast experience and knowledge. Following the session, an interactive query section was held and new ideas were discussed. The session concluded with vote of thanks by Mr. Abhay Tripathi, Head of the Department. ■



Workshop on C# Technology (6/9/2016)

The Department of Computer Science & Engineering organized a seminar on .net technologies by Microsoft business partner C# Technology on September 6, 2016. Resource persons for the event were **Mr. Dinesh Beniwal and Mr. Nitin Pandit**. Dr. Pranay Tanwar, Dean Academics, welcomed the experts to the session with a small token. All the students of Computer Science Department participated in the workshop and learned how to code with this programming language and prepared a small application based on this technology. After the workshop, a test was conducted by the team members to assess the understanding of the students on the topic, and some students were awarded. The session ended with Vote of thanks by Prof. Jitender Pathak, Dean Infrastructure. ■



Expert Lecture on “Automation & Robotics”

An expert lecture was held at Delhi Technical Campus on “Automation & Robotics” by Prof. D. S. Nagesh, Delhi Technological University (DTU, Delhi) on 9th September, 2016. The event started with the welcome ceremony of Chief Guest Prof. D. S. Nagesh headed by Dr. Bhupendra Singh (HOD), MAE Department DTC, Greater Noida.

Prof. D. S. Nagesh shared his technical views on the topic “Basic of Robotics”. His accumulated experience and knowledge are formidable. He discussed elaborately on the following contents in the lecture:

ARM:	Made up of joints & links
GRIPPER:	Made up of Palm & Fingers.
MUSCLE:	To move the Arm, Palm & Fingers.
BRAIN:	To control the movement of Arm, Palm & Finger.

SENSE ORGANS: Eye, Ear & Skin to provide valuable information to brain in controlling the action of various parts

He shared his vast experience with the students and faculty members during the session. He also encouraged the students to work in the same field with least investment for which he offered to give required consultancy. The session ended with a query session wherein the students participated with utmost interest. The entire session was very interactive and fruitful. Basically, all of us did enjoy and learnt a lot from the motivational and intellectual talk on the topic “Robotics”. It helps us gain a lot of confidence to work in the field of “Robotics”. The motivation camp is interesting and fun. At the closing ceremony, Dr. Bhupendra Singh presented an appreciation souvenir to Prof. D. S. Nagesh.

The session concluded with the Vote of thanks by Mr. Nitesh Agarhari. ■



One Day Architectural Trip to Fatehpur Sikri, Uttar Pradesh

The School of Architecture organized a one day trip to Fatehpur Sikri, Uttar Pradesh on 07 September 2016. The trip was organized for the students of 2nd year, 3rd year and 4th year who were assigned with specific tasks related to their syllabus.

Fatehpur Sikri sits on rocky ridge, 3 kilometers in length and 1 km wide and palace city is surrounded by a 6 km wall on three sides with

the fourth bordered by a lake. The buildings of Fatehpur Sikri show a synthesis of various regional schools of architectural craftsmanship such as Gujarat and Bengal.

2nd year students focused on site task, design analysis and site report. The study was based on the 'Reverse Design Process', wherein the students assessed the space designed, with a view to its form and functionality. Students analyzed the technology and climatological interventions used in the design.

3rd year students documented and measured the various important blocks of the palace e.g. the Diwan e khas, Panch Mahal, Jodha palace etc

4th year students did a study of the Indian Mughal Palace and Jama Masjid Complex at Fatehpur Sikri. Groups of students were made to re-construct the principles underlying the palace complex through the observation parameters used by Kevin Lynch in his book Image of the City. ■

One Day Architectural Trip to National Crafts Museum, New Delhi

The School of Architecture organized **One Day Architectural Trip to National Crafts Museum 26th September 2016**. The Crafts Museum was built in 1956 post independence when the country felt the need to preserve its rich but fading art and craft work by launching projects to develop and exhibit these beautiful pieces of work.

The students studied the huts made of mud and haystacks, hay roofs that have been made in an untidy manner, pathways that have been created using mud and covered with sand are some of the scenes that greet a visitor when they enter the Crafts Museum.

The students experienced and analyzed the passage opening, which has been covered with a sloping tiled roof and has been tasseled with row of small windows, doors along with iron screens that run along a huge courtyard, which has pigeon huts at its periphery that are covered with dome-shaped roofs. ■

Achievement corner:

- Dr. Rajeev Arya received ‘Honorary Doctorate’ in Wireless Communication and Wireless Sensor network in Annual Convocation held on September 2016, at Indian Institute of Technology , Roorkee (IITR) by Mr. Mukesh Ambani, Chairman and Managing Director, Reliance Industries.
- Ankit Gambhir, Assistant. Professor , ECE Department has successfully completed four weeks AICTE approved FDP on ‘Use of ICT for Online and Blended Education’ conducted by IIT Bombay. He was awarded certificate by both AICTE and IIT Bombay for successfully completing FDP as well as for being among top scorers.
- Sayan Halder, ECE 2nd Year won the 1st prize in two events namely Vadyantram (Solo Instrumental) and SRM Got Talent, in ‘Robaroo’ Annual Fest of SRM University.
- Srinjoy Ganguly, ECE 3rd Year, attended a course on “Cognitive Radio and Wireless Communication – Theory, Practice, and Security from September 1-10, 2016 at IIT Kanpur. He was awarded certificate by the Global Initiative of Academic Networks (GIAN) MHRD, IIT Kanpur for the same.
- The students of MBA 1st year scored positions at Management Fest, IITM, Greater Noida. Shrasti Soni scored 2nd position in Debate Competition, and Akshita Negi and Sumit Rani got 3rd position in Power Point Presentation. ■



A Seminar on “General Law” by Director General Justice Bhanwar Singh

The School of Architecture organized a seminar on “General Law” on September 9, 2016. The objective of the event was to make our students aware of the basic constitutional laws, rights and understand the responsibilities to both maintain and observe order and discipline as mature and responsible citizens of the country. With a keen desire to learn and share the wisdom and experience of ages as a highly esteemed entity and representative of law, we approached Director General Justice Bhanwar Singh.

The seminar started with a warm welcome to Director General Justice Bhanwar Singh by the Director Architecture, Divay Gupta, followed by the felicitation by Professor Sushma Garg.

Director General Justice Bhanwar Singh started his lecture with a brief introduction on general Law and Constitution of India. He touched the various aspects of law in which he illustrated the Indian and foreign country acts comparatively with examples. The main highlights of the Lecture were:

- Constitution of India

- Basic fundamental rights from constitution like: Right to equality Article 14, Right to freedom, Right to life
- Right to freedom of religion, Educational and Cultural Rights, Right to vote, Right to passport, Right to contest election
- Marital Acts
- Animal protection Act
- Child labour Act

Giving example of Japan, he also highlighted that a famous architect Kenzo Tange’s Philosophy of law was to have everything logical and Tange designed the first building after World War II, naming it as “Peace Building”. He also mentioned Architect Piloo mody’s role in framing “Architects Act” of 1972 and passing it in Parliament.

The seminar proved to be a very enriching experience for the students. On behalf of the School of Architecture, HOD Tanya Gupta presented Vote of thanks. ■