**I.T.S Engineering College e-newsletter**

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**Activities @ ITS**

“Techtrix” 2012: A Blend of Innovation and Creativity

Techtrix’12-the techfest was organized in the college on 1st and 2nd March 2012. The aim of the event was to provide students an opportunity to demonstrate their innovative thinking in the form of working models. Students from different colleges in the NCR were invited to participate in Techtrix’12. The initial screening of the models was done by the committee headed by the Director, I.T.S Engineering College and Heads of various departments. Out of 60 models, 35 models were selected for the demonstration in the techfest.

On day two, the techfest was formally inaugurated by the Vice Chancellor of M.T.U, Prof. S. K. Kak. Dr R.P. Chadha, Chairman, I.T.S-The Education Group also graced the event with his benign presence.

Prof Kak closely inspected every model and interacted with students. In his motivational speech, he congratulated the students for their effort and also suggested to continue with such type of events that boost the confidence of the students as engineers. He also suggested them to modify the models in the way to take the models as their final year project. The evaluation of the models was done by the panel of eight judges that included Professors from Galgotia Engineering College, Sharda University, GNIT, and Gautam Budha
University and senior members of different departments from the college. The prizes and the certificates were distributed to the winners by Mr. Ajay Sharma, Country Manager, S.T. Ericson. He motivated the students and also advised them to visit their R&D centre and have a look on the different projects the company is undertaking.

*Students demonstrating working models  Explaining the concepts of automatic Ventilation*

**Shayonee 2012: A Cultural Delight**

Shayonee, the annual fest of ITS Engineering College was celebrated on March 2nd and 3rd 2012 in the College premises in a high jubilation. All the faculty members and students collaborated to make the event memorable. The two days of fest were filled with plethora of entertaining events. Programmes such as, Filmy Chakkar, Junk Art, Photography Competition, Graffiti, T-Shirt painting, Junk Beats and Nukkad Natak etc grabbed the attention of viewers. The Battle of Bands reverberated the afternoon with thunderous music.

*A socially vibrant message –NukkadNatak*
On the 3rd of March, there was an array of cultural programmes. The Chief Guest on this occasion was Dr. Kiran Seth, Professor, IIT Delhi and one of the founding members of SPICMACAY. In his address to the students, he vividly described difference between Eastern and Western scientific approach. The cultural events of the day started with the group dance competition. This event was followed by other competitions like solo singing, solo & duet dancing etc.

Another attraction of the day was Vogue, the theme based fashion show. In this event, students beautifully blended the latest fashion styles with diverse themes such as Office Life, Wedding Occasions, Red Carpet, and Gothic theme etc.
The cultural event ended with the prize distribution ceremony for various competitions. In the evening, the Rock Band, Nasya, A Miracle of God, made the event even more colorful.

**Sports: “Victory belongs to the most persevering”**

Sports is an integral part of learning which serves dual purpose of keeping body healthy and developing a team spirit that is essential for today’s professionals who may have to work in teams later in their professional careers. The Sports Committee, led by Mr. Agha A. Husain, AP-ECE organized various sports event for the session 2011-12. The prime sports events held during this semester were:

**Cricket Tournament**

There were 32 teams which participated in boys’ cricket. Throughout the tournament MBA 1st year showed their domination and in the final they beat 2nd year CSE Boys comfortably. In Girls Cricket, 4th year beat the 3rd year in a tight match.
Victorious Girls’ Cricket Team

Tug-Of-War

A highly entertaining and energetic game was organized by Mr. Rajnish K. Singh and Ms. Shweta Singh. The IT 4th year of B.Tech in boys and B.Tech 3rd year in girls respectively won the Tug-of-War competition.

Shot Put

Another event which provided students the opportunity to show their mettle was shot-put. The event was organized by Mr. Ravinder Swarnkar (PTI) and Ms. Mallika Gandhi. Abhishek (ME, 4th year) and Vishakha Choudhary (CSE, 3rd year) won the shot-put in boys and girls events respectively.
**100m Race**

100 meter race was coordinated by Mr. Sandeep Kumar. Abhishek Shukla (E.E.E 3rd year) won the 100m Race in boys while Vishakha Choudhary of CSE 3rd year won the girls race.

**Running to Fitness**

The Chief Guest Mr. Ajay Sharma from ST Ericsson, Greater Noida, distributed prizes to the winners on 2 March, 2012.

**First Alumni Meet At ITS: Re-Living the memories at Alma-mater**

To take a walk down the corridors of nostalgia, the first alumni meet was inaugurated by the Secretary - Mr Bhushan Arora on 4th March 2012. The inaugural session was attended by HODs, faculty members, along with around ninety students, who graduated and post graduated in 2010 and 2011. The Director of ITS Engineering College and the Secretary of the ITS group praised the achievements of alumni and emphasized the need for further strengthening the association between the alumni and the current students. They said that alumni are the brand ambassadors of the institution and a vibrant relationship must be established and nurtured among the present and the past. The inaugural session was followed by the introduction and interaction among the students. A specially designed pen holder with ITS logo inscribed on it was presented as a memento. People exchanged pleasantries at the buffet table towards the end of the programme. The coordinator of the meet was Dr Deepa Singh.
Students Came Together at the Alumni Meet

Students and Faculty Members Shared Dais at Alumni Meet

**Farewell Functions**

Various departments of the college bid adieu to their parting students and showered their blessings and best wishes for their bright future. The seniors and the juniors had a gala time at these functions. Seniors particularly witnessed a confluence of mirth with their juniors and faculty members and sorrow of getting separated from their friends and beloved college. The students of MCA – IV sem organized a farewell “SMRITI-2012” on 21st April 2012 for MCA VI sem students. Farewell party for the ECE final year students was organized by ECE 3rd year students on 10th May 2012. These functions included an array of competitive and entertaining events such as, singing, dancing, musical chair, lighting several candles with single match stick and so on.

Students with Faculty Members at ECE Department Farewell Function

An Energetic Dance Performance at Farewell Department Farewell Function
One Week Orientation Programme of 2012 Admitted Students

ITS Engineering College started its new session with an Orientation Programme for B.Tech, MCA and MBA students from August 16, 2012 to August 21, 2012. The programme comprised of various teacher-student and student-student interactive sessions. On 16th August 2012, the freshers were given a warm welcome which was followed by their registrations. A copy of handbook, syllabus and college timetable were given to each student. Students were also familiarized with academic calendar, time table, anti-ragging rules and various university rules.

On 17th August, 2012 a student-student interactive session was organized in which students were divided into small groups for communication skills classes to promote interaction of students among themselves. Then, a workshop on communication skills and interpersonal skills was conducted by the Professional Communication Department. It was followed by a workshop on Value Education conducted by the Humanities Department.

On 18th August 2012, some special sessions on motivation, time management and effective learning strategies were conducted under the supervision of MBA Department. This was followed by various workshops in Project formation and Execution, Presentation, Application of Website and Internet Searching, Report Generation, Time Management, Entrepreneurship, Motivation etc. The final program was held on 21st August 2012 which was attended by the students along with their parents.

The event started with a welcome speech by Shri S. Sood, Chief Administrator of I.T.S Group. He assured the students that providing quality education with world class infrastructure and excellent academicians is the core objective of the Group and the college has been successful in implementing it.

This was followed by an enlightening speech by Dr N.T. Rao, Director of the college. He laid special emphasis on the regularity of attendance for the students and exhorted the students to be sincere in their academic endeavors.

Prof M.L. Garg, HOD-Applied Science and Humanities
informed the students about the Academic Programme, Examination System and Anti-Ragging initiatives. He sensitized the students regarding the rules & regulations of the college. Students went on a familiarization tour of the campus under the guidance of faculty members.

**Freshers’ Party “ROO BA ROO 2012”**

“**Roo Ba Roo 2012**”- The Freshers’ Party to welcome the first year B.Tech, MCA and MBA students and to discover the two talented students among them through ‘Mr and Miss Fresher Competition’ was organized on 25th August 2012. The event was attended by the Secretary of I.T.S Group - Shri Bhushan Arora, Shri S. Sood, Chief Administrator of I.T.S Group, Dr N. T. Rao, Director of I.T.S Engineering College, Heads of various Departments along with faculty and staff members of the institution.

**Melodious song by IIndyr students**
To explore various talents and persona of the participants, the competition was conducted in three rounds namely - Ramp Walk, Talent Round and Question Answer round, in which the fresher students brilliantly showcased their style, aptitude and various talents through dancing, singing, music etc. Mr Tushar - EEE and Ms Neeraja Singh - IT were adjudged as the Mr Fresher and Miss Fresher respectively. Second Year students not only made a laudable effort in brilliantly organizing the event but also showcased freshers and their talents. The event concluded with prize distribution ceremony and vote of thanks followed by light refreshment.

**Teachers’ Day Celebrations**

“Guru Brahma, Guru Vishnu, Guru Devo maheshwara
Guru Shakshat Para-Brahma, Tasmai Shri guruve namha”!!

Teachers’ day celebration was organized by MCA Department on 5th September 2012 to honor the faculty members of the college for their sincere efforts in accomplishing their duty of enlightening student’s life with knowledge and wisdom. The event started with the lamp lighting ceremony. Dr. N.T. Rao, Director addressed the students and threw some light on the importance of role of teachers in a student’s life. This was followed by a special tribute to the teachers given by the students through their heart-warming messages to express their respect and gratitude to their mentors. A number of surprise games were conducted giving a fun-filled and joyous blend to the event.
**Vishwakarma Puja**

EEE Department of the College solemnized Vishwakarma Puja on 17 September, 2012. The Puja started in a traditional manner with Havan in Electrical Machines Lab. The pious aroma of the Havan made the ambience very virtuous. On this reverent occasion, Dr V.K. Chandna HOD –EEE, Mr. Aditya Saraswat, Administrator, ITS Group, faculty & staff members, students of final year EEE branch, were present to get the blessings of Lord Vishwakarma.

**Mata Ki Chowki**

Mata Ki Chowki was held on October 3, 2012 in the College premises. All the faculty and staff members along with their families were invited to take the holy blessings of Goddess Durga. The management fraternity of ITS Group was also present on this auspicious occasion. All the students of the college were invited to take a glimpse of religious aspect of the life. The Chowki began with conventional prayer of Maa Durga. The whole ambience was echoing with melodious songs and chanting of mantras. Students as well as the faculty members participated in the programme very enthusiastically. The ITS Management came for a well deserved high praise from all the invitees for organizing programme which decreases all the negative energies of the environment and makes it very pious and virtuous for all.
“LITERATI” – The Literary Fest

Fraternity – The Literary Society organized LITERATI - the first ever literary fest of ITS Engineering College starting from 27th September 2012 to 29th September 2012.

The Fest started with an inaugural ceremony which was graced by Dr R.P. Chadha, Chairman - I.T.S, The Education Group, Shri S. Sood, Chief Administrator, I.T.S Group, Dr N.T. Rao, Director of the College, Heads of various Departments, faculty members and students. In his inaugural speech, Shri S. Sood, highlighted the importance of such events in developing the all-round personality of students. On the first day, ‘Deadlock’, the English Debate competition was held on the topic - “British Rule in India: A blessing in disguise” aimed at discussing the views of young minds about the pros and cons of the British subjugation in India and their perception towards the constructive and destructive consequences that India went through under their rule and sovereignty. The winners were Ist - Shruti S Soma (CSE 3rd Year), IInd - Vishal Singh Rajawat (ME 3rd Year) and III rd - RashiSaral (ECE 4rth Year), while Anamika Yadav (CSE 3rd Year) and Abhinav Chaudhary (ECE 2nd Year) were awarded consolation prizes.
The second day of LITERAT I witnessed a huge extravaganza of intellectual talent, presentations and communication skills. The day started with the Paper Presentation competition. Large number of students enthusiastically participated in the competition. The winners of the competition were-(1) Ashirwaad Rastogi (CSE Ist year) (2) Ankit Bhandari (ME Ist year) (3) Shiv Kumar Sharma (ECE 2nd year).

The second event of the day was Sangram - the Hindi debate on the topic-“Kya Bhaartiya ShikshaVyawastha Bhaartiya Moolyonke sangrakshan mein apni bhoomika nibhaanein mein Samarth hai?” The winners were (1) Amit Kumar Sharma (CSE 3rd yr) (2) Vishal Singh Rajawat (ME 3rd yr) (3) Ashutosh Gupta (ME 3rd yr).
The third and final day of *LITERATI* started with the “Quiz-Wiz”- the GK Quiz Competition. The event was conducted in six rounds. Each round consisted of six questions varying from multiple choice questions, direct answer question to audio-visual questions.

The winners of the competition were 1st- CSE:- Syyed Ali Mehndi, Surbhi Tyagi, 2nd-ECE:- Rakesh Sharma, Ankur Utsav 3rd –ME:- Vishal Singh Rajawat, Ravi Kumar. The quiz competition was followed by a closing ceremony to mark the conclusion of the Literary fest. It was then followed by prize distribution ceremony. Dr Rashmi Gupta, Convener of the Society gave Vote of Thanks and assured that the Fraternity Society will organize the fest every year.

**MTU-Lit Fest 2012-2013**

The winners of LITERATI-the literary fest organized by “Fraternity”- The Literary Society represented the college in Cluster Level Competition of MTU-Lit Fest 2012-13 held in United College of Engineering and Research, Greater Noida on 8th Nov, 2012 and returned with flying colors conquering the winning positions in each competition. In Quiz Competition, Rakesh Sharma EC 3rd Year and Ankur Utsav EC 3rd year of the College bagged the first position. In Hindi Debate competition, Amit Kumar Sharma of CSE 3rd year won the first prize and Vishal Singh Rajwat of 3rd Year ME was awarded the third prize.
In English Debate competition all three positions were bagged by the participants from ITS Engineering College with Vishal Singh Rajwat of ME-3rd year as first, Shruti S. Soma of CSE-3rd year as second and Usha Bisht of IT 2nd year as third. In Paper Presentation Competition in Shiv Kumar Sharma of ECE 2nd year bagged the second position. The Director of United College of Engineering specially praised the participants of ITS Engineering College for their powerful preparation and spectacular performance winning the majority of prizes in the events. The winners of Cluster Level will be representing the college at the Zonal Level of MTU-Lit Fest 2012-2013.

**ECE Society - “Envision” Events**

Envision, the professional society of ECE Department, has organized three events “Brain teaser- an aptitude questionnaire competition”; “Circuit tackle-A Circuit Designing & Implementation Competition” and “Electrified-Technical Presentation Competition” on 14th and 28th September and 12th October 2012 respectively.

**Brain Teaser**

An aptitude questionnaire competition was held on 14th September 2012, in which an aptitude test was conducted which consisted of 25 questions of 4 marks each and for wrong answer 1 mark was deducted. Students were given 45 minutes for solving the questions. 70 students of ECE branch participated in the event with great zeal and enthusiasm. The winners of this event were:

(1) Akansha Sachdev -4th yr ECE (2) Abhishek Shukla -4th yr (3) Abhiyank
**Circuit Tackle**

A circuit designing & implementation competition- Circuit Tackle, was held on 28 Sep’2012 for 2nd year, 3rd year and 4th year ECE students. There were 13 teams out of which 6 teams were from 2nd year, 6 teams of 3rd year and 1 team of 4th year. The 2nd year students were given digital circuits to design and implement whereas the 3rd and 4th year students were given Op-Amp based circuits to design and implement it on bread board. The winners for Digital Circuits were: 1. Atul Kr. Suri (2nd yr), Arpit Arora(2nd yr), Abhishek Rai (2nd yr) 2. Hritwik Yadav (2nd yr), Virendra (2nd yr), Jamal (2nd yr) The winners of Integrated Circuit were:

1. AshitTomar (4th yr), Alok (4th yr), Balwant (4th yr)  
2. Bhavya (3rd yr), Ankur Utsav (3rd yr), Harshit Mittal (3rd yr)

![Participants designing circuits](image)

**Electrified**

A technical paper presentation competition was organized on 12th October 2012. There were 8 participants who presented their views on current technical topics like barcode technology, ME Mristor, Zig Bee etc. The winners were:

(1) Abhishek Rai (2nd yr)  (2) AleshVardhan (3rd yr)  (3) Nidhi Wason (3rd yr)
**IT Society -“Net Tech” Events**

"WEBINAR"

It was organized on 10\textsuperscript{th} September, 2012. It started with an online collaboration program conducted by Google (http://www.powersearchingwithgoogle.com/), where students had to register online with their Gmail Accounts. 145 students participated in the event. The programme consisted of 6 video lectures followed by a small quiz. Students gained information about content searching, image searching and data range limiting etc. It was a very knowledgeable and enthusiastic event which was well appreciated by the students and faculty members.

![Enthusiastic Students' Organizers Participants gaining knowledge](image)

**Techno- Quiz**

“Techno-Quiz” was organized on 11\textsuperscript{th} September, 2012. There were three rounds in Techno-Quiz. The rounds involved technological awareness, aptitude, basic mathematics, and fast calculations. 45 teams comprising of three students each participated in this round. 15 teams qualified for the second round from which 3 teams were selected for third (final) round. Subsequently the following students from the final year emerged as winners in the final round.

Winning team:
Karan Sharma –ECE (2) Sumit Verma- CSE (3) Rishabh Goswami CSE
The Net Tech Society of Information & Technology Department organized “LANSTRUCK” on 12th October, 2012 at IM-LAB. It basically comprises of two multiplayer games- Need for Speed & Counter Strike.

**Need For Speed**

The NFS first series was released in Japan in 1997 as a racing video game, developed by Electronic Arts Canada and published by Electronic Arts. In this game, the player controls a race car in a variety of races, the goal being to win the race. There were 3 rounds in Need for Speed. 60 students participated in the first round out of which 20 students qualified for the second round and 5 students were selected for the third round. Finally, the following three students emerged as winners:

1. Jaideep Singh - IT-3rd yr
2. Divyanshu - EC-4th yr
3. Amit Srivastav - CS-4th yr

**Counter Strike**

Counter-Strike is a tactical first-person shooter video game developed and published by Valve Corporation. In this game, players join either the terrorist team, counter-terrorist team, or become spectators. There were total three rounds in Counter-Strike. 8 teams qualified for the second round from which 4 teams were selected for the third round. 2 teams (Xgen, and TSR) reached the final round. Team Xgen was the winner of this event. Winners were

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A Meritorious and Performance Improvement Award Function was organized on 13th October 2012. The Chief Guest for the event was Shri Ram Avtar Raman, ADM (Executive) Gautam Budh Nagar.

The objective of this award function was to encourage and motivate students to achieve higher goals of excellence in academics. Merit awards were given to the students who have excelled in academics bagging the first five positions and Performance Improvement Awards were given to the students who have improved their performance substantially in relation to the previous semester for the session 2011-12.
75 merit and 90 performance improvement awards were given to the students by the Chief Guest, Shri Ram Avtar Raman, Chief Administrator, Shri S Sood and the Director, Dr N.T. Rao. Shri Raman addressed the gathering and inspired the students with his speech centred around the importance of maintaining high values and morals in one’s professional lives. Shri S Sood, CA-I.T.S Group presented a memento to the Chief Guest. Ms. Seema Srivastava, Assistant Professor, ECE Department, proposed a Vote of Thanks.

**Workshops /Seminars/Conferences**

**Workshop on Networking-CS/IT & MCA Deptt.**

A two-day workshop was conducted by HP Educational Service on 10th and 11th February 2012 on Networking for the students of CS, IT and MCA. The keynote speakers of this conference were Mr Abhishek Singh Rathore and Mr Prashant Singh from HPES. They imparted invaluable information to the students about the topic. The faculty members who worked hard to make the workshop successful were Mr. Ankur Saxena, Ms Mallika Gandhi, Mr Aditiya Dayal Tyagi and Mr. Rajneesh Singh.
Workshop on PCB Designing using “CADSOFT EAGLE”-ECE Deptt.

Department of Electronics & Communication Engineering organized a one day workshop on “PCB designing using CADSOFT EAGLE” in collaboration with the “Embedtrix Lab” in the college premises on 11th February 2012. Students from all the branches participated in this workshop. Mr. R.K Yadav, HOD, ECE, threw some light on the basic ideas of the PCB designing through CAD software. Mr. Vipin Jaiswal, Convener, Manager Operations and Mr. Sahil Khan, Trainer, Head Training, Embedtrix Lab started the technical session of the workshop. The workshop also included introduction to Eagle CAD, capturing schematics, developing board files, routing trips and tricks, finalizing board with silk screening, Gerber file generation for CAM etc. The workshop ended with distribution of participation certificates to the participants. The workshop was organized by Mr. R.K Yadav, HOD, ECE and Ms. Usha Sharma, AP- ECE.

Seminar on “Application of Signal Processing in Electrical and Electronics Engineering” – EEE & ECE Deptt.

The Electrical & Electronics (EEE) and Electronics & Communication (ECE) Departments of the College jointly organized a two-day seminar on “Application of Signal Processing in Electrical and Electronics Engineering”, (ASPEE-12), on 24 and 25 February, 2012. The seminar was inaugurated by Prof. S.C. Dutta Roy, Fellow IEEE, and Prof. Emeritus IIT Delhi. In his Keynote speech, he talked about the strong relationship between teaching and research. The seminar registered presence of learned resource persons from prestigious institutions and industry who shared their knowledge on the topic. Prof. D.P. Kothari (former Prof. IIT Delhi, Vice Chancellor, VIT University Vellore) spoke of energy environment problems faced by the third world and probable solutions. Prof. Pramod Kumar from Delhi College of Engineering discussed the Broadband over Power Line. Prof. A.B. Bhattacharya, former Professor, IIT Delhi spoke about Microsystems –on-Silicon-(MOS)-Where Small-is not-so-small. Prof. Raj Senani, Director NSIT, New Delhi, gave the concluding address with his talk on Analog Circuits and Signal Processing: The Trans-linear Approach. He also distributed certificates to the participants.

A conference on Advancement in Computing and Communication- CACCS 2012 was organized during March 24-25, 2012. The event was a joint venture of Departments of CSE, IT & MCA. Luminaries who graced the conference included the Chief Guest, Dr. G. G. Rao, Guest of Honor Dr. K. Gopal and Dr. Akhilesh Upadhyay. In his talk, Dr. Rao, CIO, HCL Info Systems, Noida stressed on the importance of hard work, dedication and discipline for success in life. Mr Arpit Chadha, Vice Chairman, ITS Group spoke about the steps that ITS Management is taking to foster education and support research and conference of such nature for development of in-house faculty and all round development of society. Participants came from distant places and presented papers and posters. Students worked sincerely towards making the conference a memorable one and also registered in large numbers. The reviewers of the papers maintained exacting standards. The conference was sponsored by AICTE.
MBA Department organized an AICTE sponsored National Conference on Managing Challenges in Service Marketing on 24th March 2012. The program was inaugurated with the lighting of the lamp by the Chief Guest Mr. Vijay Raghunathan, Vice President, American Express (JAPAN region), Vice Chairman of ITS Group of Institutions Mr. Arpit Chadda, Secretary-ITS Group Mr. Bhushan Arora and the Guest of Honour Mr. Kapil Kaul, Advisor Social Marketing, Election Commission of India. The first technical session of conference was chaired by Mr. Marc Ragsdale of Prospus Consulting Ltd. Dr. Anoop Pant, Director- Accurate Group of Institutions and Dr. K.C Gupta, DGM-KRIBHCO Noida were the speakers of the session. The second session saw Mr. William Dean, MD-Dean Infratech Pvt Ltd, Noida as Chairperson and Dr. S.P Singh, Director- INJ Business, Greater Noida and Mr. Sachin Dhamija- Vice President-DTDC, Logistics Ltd, New Delhi addressing the participants.
Workshop on “Human Values and Professional Ethics”- AS&H Deptt.

A two-day workshop on Human Values and Professional Ethics was held on 27-28 April 2012 in collaboration with MTU Human Values Cell. Mr Rajul Asthana and Mr Kumar Vishwas were resource persons. Workshop was attended by participants of various engineering colleges of NCR along with the participants of host institute. Mr. Kumar Vishwas spelt out the significance of Human Values and Professional Ethics in not only our professional life but also in our day-to-day life. He insightfully explained that our understanding of most of the aspects of life- Vishwaas (Trust), Sammaan (Respect), Sneh (Care), Mamta(Affection), Shraddha(Reverence), Pyar (love), which we claim to have an understanding of, need to be put into perspective. These basic feelings play a decisive role in ensuring happiness in an individual’s life in particular and society in general. At the end, participants felt the need to conduct more workshops which help them to grasp the significance of variety of issues and perspectives of life which have practical relevance.

Kumar Vishwas Making a Presentation on Relevance of Human Values

National Seminar on “Managing Challenges in HRM after Globalization”- MBA Deptt.

MBA Department of the College has organized an AICTE sponsored National Seminar on “Managing Challenges in HRM after Globalization” on 5th Oct 2012. The aim of the seminar was to provide an insight on various aspects of
HR and to compete with the challenges in HRM during post-globalization. The seminar was conducted in two sessions. The first technical session was headed by Mr Sachin Dhamija who gave a thought provoking lecture on challenges faced by HR industry over the past two decades and shared his ideas on the forthcoming aspects of the area. Then, Mr Kapil Kakkar explained how an individual prepares himself to face the challenges in HR in the era of post-liberalization. Mr Akshay Agarwal, AVP of Dynamix Capital Management Ltd and Mr Amrish Awasthi, HR Executive, Mother Dairy also shared their experiences about the challenges in HRM.

In the second technical session, Mr Vikas Chandwani, Senior Consultant and Motivational Speaker, talked about updating of human skills keeping in pace with the changes happening in technology and Prof P.S Prasad, Director–HR, APG Management Institute also expressed his views on the topic which was highly motivating for the students. The seminar was a success in terms of getting information and real life understanding of the HR in the post–globalization era.

"Workshop on “Surface Computing-Motion & Gesture Sensing” - CSE Deptt.

The event was graced by the presence of Mr S. Sood, Chief Administrator-I.T.S Group, Dr N.T. Rao, Director-I.T.S Engineering College, the Head of Departments, various faculty members and students from various colleges.

Mr. Arshdeep Chaggar, Business Development Manager at Infi-Zeal Technologies initiated the workshop programme with a short audio-visual regarding the technology of Surface Computing. The workshop was aimed at training the students about implementation of Natural User Interface in the field of Computing. The students learned the minute aspects of the touch-technology and practiced the implementation of a touchscreen display over any surface. Infi-Zeal Corporate Trainer, Mr. Mohit Sharma made concerted efforts to deliver his knowledge by quoting factual and technical points and highlighting relevant examples related to the topic. The implementation procedure on the second day of the workshop was highly praised when the participants transformed the projector screen and their own laptops into touch enabled interfaces. The workshop was organized by Ms Shanthi Makka, the Convener of the Society, in association with faculty members from CSE Department namely Mr. Tarun Chugh, Mr Abhishek Shivhare and Ms Sheetu Jain. Large number of students from all branches and various colleges enthusiastically participated in the workshop.

**Industrial Visit: An Expedition for Familiarity with Industry**

**Visit to Global Autotec India Limited – ME Deptt.**

To give a practical feel to the students, the Department of Mechanical Engineering organized an industrial visit on 30th January, 2012 at Global Autotec India Limited Greater Noida for 3rd year students. For the same purpose the department undertook another industrial visit for 2nd year students on 6th Feb, 2012 at the same company.
Visit to Sahasra Electronics Pvt Ltd - ECE Dept.

Department of Electronics and Communication arranged an industrial visit for 3rd & final year students at Sahasra Electronics Pvt Ltd, NSEZ Noida on 31st March, 2012. The visit was organized for students so that they acquire an understanding of working environment and how state-of-art electronic manufacturing equipments are handled. The visit also helped them establishing a practical link between theoretically acquired knowledge and its practical utilization. Mr Jugal Kishor & Ms Monika Bhatnagar were with students as coordinators of the visit.
Visit to C&S Electric Ltd. – EEE Deptt.

On 6\textsuperscript{th} and 13\textsuperscript{th} October 2012, third and final year students of the college (Electrical and Electronics Engineering department) visited C&S Electric Ltd, located at C-59 Phase –II Noida. Around twenty five students have already got industrial experiences from the company. These students familiarized themselves by visiting different sections like Panel Shop, Cutting shop, Paint shop, Wiring shop, Assembly Shop and Quality shop. The company has high expertise in making panels for different industries like NTPL, BHEL, NTPC etc, which helped students to have more practical experiences about manufacturing of different electrical panels. This visit was coordinated by Mr L.N. Rao and Ms Neeti Varshney.

Acquiring practical experience @ C&S Electric Ltd

Distinguished Guests @ ITS

Lecture by Prof - A.K. Ghatak – ME Deptt.

Prof- A.K. Ghatak, retired professor from IIT- Delhi delivered a lecture on “LASER Technology and its Application” on 27\textsuperscript{th} Feb 2012. His lecture discussed the latest industrial applications of LASER Technology in the field
of Mechanical Engineering. He displayed slides of -6 KW fibre laser for automotive application, drilling through a piece of rock 1.6KW Nd: YAG laser, which dropped the students and faculty members hints of how subtle optimally laser technology is utilized in industry.

Prof Ghatak explaining the concepts of LASER Technology

**Prof Saifur Rahman’s Visit – EEE Deptt.**

A guest lecture was delivered on “Smart Grids – Utilities and Challenges” by Prof. (Dr.) Saifur Rahman (Joseph R. Loring), Professor, Electrical and Computer Engineering, and the founder Director of the Advanced Research Institute at Virginia Tech University, on 30th March 2012. He spoke about new technologies such as Automatic Meter Read (AMR), AMI etc. He also emphasized at the importance to have a micro to effect savings in power. His lecture offered practical insights into relevant field which presented prospective engineers the realistic challenges and most probable strategies to cope with them.
Lecture by Prof Puneet Tandon – ME Deptt.

An invited lecture on “General Trends in Mechanical Engineering” was organized by the Department of Mechanical Engineering on 23rd August, 2012. The lecture was delivered by Prof. Puneet Tandon from IIIT DM, Jabalpur. He is the Dean of Planning and Development and a renowned personality in the free form working of sheets. The target audiences were the students of B. Tech (ME) third year and final year.

Prof. Tandon started with introducing the conceptual difference in “Science”, “Engineering” and “Technology”. Then he went on to highlight how the present world is changing and what is the role of engineers in this change. He said that a scientist may devote his whole life and may or may not be able to come up with something beneficial to the society, but an engineer is always required to make a product on the pre-established concepts of science for the benefit of mankind.

He concluded by emphasizing on developing some sense of morality and societal responsibility among engineers in order to make this world a better place to live in by making good and safe products.
**Lecture by Ms Natasha Singh, Head Recruitment - Steria India Ltd – CS & IT Deptt.**

Distinguished HR Professional Ms Natasha Singh - Head Recruitment at Steria India (Ltd), delivered a guest lecture to final year students on 21 Sept, 2012. She was accompanied by Manager – Recruitments, Ms Usha Mehta. Ms Mehta stated the policies, structures and achievements of Steria India (Ltd) which gave the students an insight about the MNC professional culture & environment.

Ms Natasha Singh acquainted the students with expectations of the organizations from the freshers. She gave special importance to acquiring in-depth knowledge and developing an aptitude towards learning new things in professional world to enhance one’s skills and expertise. She stressed on the fact that every company today aims to hire people who have self conviction, positivity, and professionalism. The lecture was of immense benefit for the students and was highly motivating.

**Talk on Smart Solution Applications in Power Systems – EEE Deptt.**

Mr. Ravindra Joshi, Dy. General Manager, EHV Projects of Tata Power Delhi Distribution delivered a talk on “Smart Solution Application in Power System” in association with IEEE PES chapter Delhi for students of EEE IIIrd and IVth year on 22 September, 2012. In his talk he started with the overall power generation scenario contribution of thermal, hydro and non-conventional energy resources. He discussed the future of the PV based generating stations to meet the ever increasing demand of the consumer and told that 80 m² is the area required that is sufficient to generate 1 MW and the only cost involved is that of battery.
He explained the role of monitoring the power systems with the help of SCADA (supervisory control data acquisition system) and also discussed the role of smart metering and its future. He suggested that the SCADA and the smart meters need to be included in the syllabi or the faculty must give its basic knowledge to the students, which will help them in near future. As the discussion was with the students, Mr. Joshi identified about five students who discussed in an effective manner and asked Prof Chandna, HOD-EEE to forward their names and details to him so that he can help them in getting the placement.

Lecture by Mr Prashant Verma, Manager – HR, M/S DENSO India Limited – MBA Dept.

MBA Department of the college in pursuit of academic excellence conducted a lecture on HR issues under their series of Lecture Plan by Industry and Corporate Senior Professionals on 18 October, 2012. The resource person of the lecture was Mr Prashant Verma (Manager – HR) of M/S DENSO India Ltd.

Mr Prashant Verma enlightened the students about the initial problems faced by the students at the time of interview. He stressed the need of strong communication skills, subject knowledge, confidence and perfect aesthetical appearance at the time of interview.

While speaking on the occasion Mr. Bhushan Arora, Secretary, ITS - The Education Group appreciated the way Mr Prashant communicated the niceties of selection process. Dr Yuvraj Bhatnagar (HOD-MBA) expressed thanks to all dignitaries and took commitment from the students to strive to achieve competency as suggested by Mr. Prashant Verma.
Lecture by Mr Sanjeev Sharma, GM – HR & Admin, Jakson Ltd – EEE & ME Deptt.

The guest lecture of Mr Sanjeev Sharma, GM – HR & Admin of Jakson Ltd was organized on 7th November, 2012. Mr Sharma briefed about the company’s nature of business, its presences in various parts of the country and its product line. He also explained the philosophy of the company.

While addressing the budding engineers, Mr Sanjeev Sharma emphasized on the fact that instead of looking towards the salary package one should focus on learning and contributing towards the company’s goal. Students found the session very interactive and enlightening for their career path.

Faculty Contribution

Achievements

Dr Vinay Kumar Chandana, HOD-EEE

- Chaired a session on renewable energy resources at IEEE International Conference IICPE-12 at Delhi Technological University (DTU) on 8th Nov-12
- Delivered an expert lecture on Human Machine Interface for Power Grid Corporation of India limited (PGCIL) under the certificate course of SCADA system on 30th Nov at JMI University
- Appointed as an authorized Research Supervisor for Sunrise University at Alwar.
Mr Padmesh Tripathi, AP- Mathematics
- Invited by the University of Eastern Finland, Kuopio Finland (Center of Excellence in Inverse Problems) to attend a summer school on the topic Computational Method for Inverse Problems in Imaging from 11 to 15th June, 2012

**Paper Publications/Presentations**

Dr Vinay Kumar Chandana, HOD, EEE
- Published a paper titled “Broadband over Power Line Implementation Roadmap for a Smarter Grid: A Case Study for Indian Power Sector” at IEEE International Conference (IICPE-12)

Mr Sanjay Yadav, HOD, ME
- Published a paper on "Heat Transfer and Frictional Characteristics of Rectangular Channel Air Heater Duct Having Protrusion as Roughness element" in the Journal of the Institution of Engineers (India): Series C (DOI 10.1007/s40032-012-0047-8)

Mr Suresh Prasad, Associate Professor ME
- Presented a paper on the topic Study of Lean and Green Manufacturing: A Literature Review in the National Conference on “Advances in Manufacturing Technology” held from March 15-16, 2012 at National Institute of Teachers Training and Research, Chandigarh

Dr Rashmi Gupta, Associate Professor, Professional Communication
Dr Rashmi Gupta, Associate Professor & Dr Jaya Tripathi, AP, Professional Communication

- Published a paper on "Tagore’s The King of Dark Chamber: A Spiritual Quest for Beauty and Truth", in an Anthology for English Drama, pp-143-149, Editor: Prof Abha Shukla Kaushik, Aadi Publications: Jaipur, 2012

Dr Arunesh Yadav, AP, Physics

- Published a paper on the topic Thickness Dependent Trap States and Mobility 2-(4-bipheny)-5-(4-tert- butylphenyl)-1,3,4- Oxadiazole, in International Journal of Material Engineering Innovation, Vol. 3, issue no-2, 2012.

Ms Gauri Katiyaar, AP, EEE

- Published a paper on "Intelligent Systems for Off-Line Handwritten character Recognition: A Review" published in International journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459), Volume 2, Issue 4, April 2012

Mr Vivek Tomar, AP, CSE


Students’ Achievements

• Students made I.T.S proud with their excellent performance in the GATE 2012. More than 35 students qualified the exam, out of which 30 students secured above 90% percentile. To name a few, Himanshu Jakhmola (CSE) 99.28, Archna Sharma (EEE) 99.13, Raghvendra Pratap Verma (ECE) 98.62, Kush Gupta (CSE) 98.50, Riteh Kumar (ECE) 98.02. I.T.S. congratulates all the successful candidates and wishes them a bright future ahead.

• Ankur Mishra, a Microsoft Student Partner, presented a paper on “Cloud Computing” in Patna University. He has also got more than 100 articles published in National Newspapers - Bharat Kesari, AAJ, Amar Ujala, Hindustan, NaiDunia and Magazines – Mashant Darshan. His Social Blog “SATY-SA HITY-SAMAJ” is also rewarded as the Best Critic Blog of 2011.

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- **MDS**

**Designed By:** Madhur Deshwal