

**EDITORIAL**

Newsletters provide an opportunity of bringing to the readers a round-up of 'What's been happening' during the academic session, of taking stock of the achievements and the accomplishments and of giving a perspective for setting benchmarks for the future. The year 2008 has been a special year in the history of ITM, as the institute has now been granted the status of Autonomy. The students who have now enrolled in July 2009 will constitute the first batch of this Autonomous Institute. It is with these students that the founders of the institute shall realise the heights which they wanted ITM to attain and the place they wanted the engineers of ITM to achieve. With the industry demanding a wide range of skill sets, it is vital that our engineers are provided the necessary wherewithal that will enable them to compete in the global market.

Furthering the tradition of a newsletter of 'Vector tech' brings to the readers a round- up of the major infrastructural developments, significant academic achievements industrial interface and cultural events that took place at ITM since the last number came out in Feb. 2008.

This edition besides including useful information also includes for aspiring students an interview with Hon'ble Chairman of the Governing Body a founder with a vision, a dream and a twinkle in his eyes - a person brimming with ideas and infectious enthusiasm.

The newsletter aims at sharing the achievements of the faculty and students towards their commitment to seek excellence. Each one of us helps in creating the environment for thinking beyond the immediate present - creating a road map for ourselves.

I am beholden to the Hon'ble Governing Body for their kind support and patronage. I am thankful to the members of the faculty for their inputs and to the student editors for their hard work.

In this issue we have drawn upon cues from the previous issue. However, we are open to ideas and suggestions. For the moment we invite you to share with us the achievements of ITM-an institute which will always be on the move.

Happy Reading!

**Prof. Rajan Rai**  
(Editor-in-Chief)  
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# Vector Tech

magnitude & direction

**A Tête-à-Tête with Sh. N.K. Diwan, Hon'ble Chairman, Governing Body-ITM**



**Q.1. What changes can we expect to see in our college now that autonomy has set in?**

The changes that one can expect to see will spawn more out of greater opportunities in terms of proactive syllabi, teaching learning programmes and examination pattern. We have the freedom to tap newer prospects and of

course, the flamboyantly used "opportunities." But one point which I would like to emphasize upon, is the fact with great opportunity, comes even greater responsibility.

**Q.2. What can the students currently enrolled with MDU, look forward to with the autonomy status granted to ITM?**

Academic freedom will enable a greater sense of progress and better employability. Value added courses applicable to future progress and linked with new skills shall enhance the employability of our students and will give them a competitive edge. Our aim is to provide new skills and courses which are relevant for the circuit today.

**Q.3. What are the advancements & addition to facilities that the Governing body has planned for the future?**

We had a vision for providing an environment which is aesthetically conducive and which facilitates the teaching learning process. Centralised AC, Sport facilities in the form of a tennis court and a basket ball court have been expanded. The fulfillment of one vision leads to another. We plan to construct an additional block with industry-oriented provisions & a gymnasium. Continuation of a good recruitment and retention policy will promote a spirit of well-being & harmony.

**Q.4. What are the qualities that you perceive in every ITM student, which will hold them in good stead in life?**

Quite frankly put, a sense of integrity, honesty and dedication are extremely vital. Our society is quite devoid of them in today's time. Dedication, I have always maintained, is a

quality of only the mighty & not to mince words, the individual simply has to be competent to succeed.

**Q.5. With the global economy in deep recession, do you think that Mechanical & Civil Engineering now have a better future?**

Theoretically speaking, yes. But in practice, a lot will depend upon the allocation of resources by the government mainly. Our country has tremendous untapped potential, but it needs to be backed by monetary benefits if it intends to realize its true motive. Public & private sector partnerships strike the ideal chord for joint progress of a nation. When potential is coupled with financial power provided by the government & the risk taking abilities of the private sector, a winning formula shall be generated.

**Q.6. What distinguishes ITM from the other colleges in the NCR region?**

Basically, I would say that it is the vision of the founders & the state-of-the-art facilities that are of an international standard. In terms of what distinguishes the students, I feel that ITM students possess a feeling of pride & ownership of the academic environment that they are part of.

**Q.7. Where do you see ITM five years from now?**

A more qualitative education system, better facilities and an expanded campus etc. We aim at attaining the deemed university status very soon, which will facilitate, I feel, a greater dynamism in the institution. With that done, we need to catapult ITM into a different orbit & cement our status in the top 10 universities in the country. Always, set your sights on the achievable, but never & I mean never stop dreaming.

**Q.8. Finally sir, what words of wisdom would you like to impart to the student body of ITM?**

Realization of the true potential is what ultimately matters. So being morally-aware, determined, focused & striving to achieve by realizing your real potential, this is the only wisdom that I would like to impart to the students, for achieving success in their future endeavors.

VT is brought out under the aegis of Center of Academic Excellence & Planning

*Inside...*

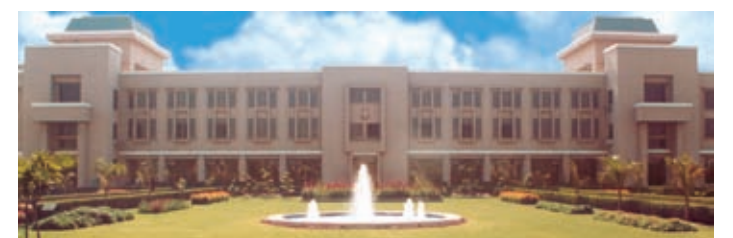
From the Departmental Desk .....	2&3
Sports News .....	3
National Conference .....	3
C.S.I., CORPOVA .....	3
Educational Trips .....	4
SPIC-MACAY, ISHRAE .....	4
Mathemactive .....	4
Faculty Motivation .....	4
BAJA Awards .....	5
Degree Distribution .....	5
ISTE, IEEE .....	5
Infrastructural Development .....	6
MOMENTUM, Cerebration .....	7
Faculty and Staff Development Program .....	7
MOU's & International Tie - ups .....	8
MOU's & Tie-ups .....	8
Yukti, Crossroads .....	8
Scholarships .....	8

**ITM GRANTED AUTONOMY**

The grant of autonomy is a tribute to and a celebration of the spirit of ITM— an Institute on the move. In recognition of its consistent record of excellence and teaching innovations, Institute of Technology and Management, Gurgaon was approved by the Govt. of Haryana as and for an autonomous status, and in pursuance of the notification by the Govt. of Haryana, MD University conferred the status of autonomy on ITM-Gurgaon on 16<sup>th</sup> October, 2008.

Autonomous status is an honour and a privilege for this institution, ITM is now amongst the few self-financed colleges of higher education in the country which have been granted complete academic freedom and considered worthy of managing their complete academic processes, including curriculum designing and introducing industry specific courses evaluating procedures.

The grant of autonomy is an opportunity for the institute not only to maintain its record of academic excellence but also enrich the curriculum, introduce innovative need-based courses, so as to produce engineers who are sought after by multinational companies. The recent receipt of letter of intent (LOI) from the Department of Education, Haryana Government towards the consideration of the institute for the status of the deemed university is another attainment for the institute.



*The only person who is educated is the one who has learnt how to learn and change. Carl Rogers*



**Events organized by the department:**

"LIVEWIRE", the multi-dimensional bi-annual journal of the Department of ECE & EI, was released.

## Department of Applied Science & Humanities

HOD: Prof. Kalika Srivastava

Faculty Strength: 30 - Professors: 04; Assoc. Professors: 01; Asst. Professors: 25

**Faculty Promotions:**

**From Assoc. Prof. to Prof.:** Dr. Kalika Srivastava  
**From Sr. Lecturer Asstt. Prof.:** Dr. Hukum Singh  
**From Lecturer to Sr. Lecturer:** Mr. Inder Pal Singh, Mrs. Pranati Purohit, Dr. Komal Singh  
**New Faculty:** Dr. N.P. Singh, Dr. Navdeep Bhullar, Dr. Ashok Jangid, Ms. Kalpana, Ms. Manisha Gupta

**Papers Published:**

**S.P. Pati, S.K. Dash, P. Purohit, D.K. Roy and P.R. Tripathy:** Optimization and Fundamental /Harmonic Mode Analysis of Low-High-Low Silicon DDD's. Proceedings of Engineering Section of 2009, Indian Science Congress Association, Kolkata

**P.R. Tripathy, P. Purohit, D.K. Roy and S.P. Pati:** Bias Current Based Tunnability of Silicon Millimeter Wave Single rift n+pp+ Diode along with Heavy Current Optimization. International Symposium ISM-2008, Bangalore.

**P. Kumar, S. Kumar, P. Singh and N.S. Tomer:** Influence of Solvent and Substituent's on Photo Physical Characteristics on Flavones. Proceedings of Conference Revolution in Chemistry: Green Chemistry Dec 2008.

**Ashok Jangid, Guru Pyari Jangid and G.S. Tyagi:** Full-Wave Analysis Microstrip Resonator using Magnetized Ferrite. Recent Advances in Microwave Theory and Applications 2008, and Published IEEE Xplorer. Accepted in International Journal

**Sandeep Kumar, Phool Singh and D.R. Sharma:** Dielectric Relaxation of Acetone in Benzene Solution using Microwave Absorption Data. Accepted in International Journal.

**N. Bhardwaj, A.P. Gupta and K.K. Choong:** Asymmetric Vibration of Polar Orthotropic Annular Circular Plates of Quadratically Varying Thickness with same boundary condition. International Journal of Shock and Vibration

**S. Somorendro Singh, Yogesh Kumar and D.S. Gosain:** Dilepton from Quark-Gluon Plasma and Quark-Hadron Phase Transition. Arxiv:0803.1527v1, Mar 2008

**S. Somorendro Singh, D.S. Gosain, Yogesh Kumar and Agam K. Jha:** Effect of the Curvature on a Statistical Model of Quark-Gluon-Plasma Fireball in the Hadronic Medium. Arxiv:0807.4827v1 Jul 2008

**Y.K. Mathur:** Integrable nanononomous nonlinear Schrodinger Equations are equivalent to the Standard Autonomous Equations. Physical Review E 79, 015601 (R) 2009, the American Physical Society

**V. Singh and Komal Singh:** Prospects and Problems of Real estate in India. Intl. Research Journal of Finance & Economics, ISSN1450-2887 Issue 24, '09

**R. Tyagi and B.D. Kaushik:** Isolation and Characterization of rock phosphate Solubilizing Mutant of Cyanobacterium Tolypothrix Tenuis. Proceedings of Conference Revolution in Chemistry: Green Chemistry Dec 2008.

**R. Tyagi:** Cyanobacterial Biofertilizer. Proceedings of Conference Revolution in Chemistry: Green Chemistry Dec 2008.

**R.B. Bajpai:** Green Composites from Natural Resources. Proceedings of Conference Revolution in Chemistry: Green Chemistry Dec 2008.

**Books Published:**

**Dr. Ashok Jangid and Mr. Brajesh Chauhan:** 1. Engineering Physics-I, 2. Engineering Physics-II  
**Dr. Rashmi Tyagi:** A Textbook of Biotechnology  
**Prof. Krishan Mohan and Dr. N.P. Singh:** Speaking English Effectively: Second Edition

**Conferences attended:**

**R. Tyagi, B.D. Kaushik, R.B. Bajpai, P. Kumar, S. Kumar and P. Singh and N.S. Tomer:** Revolution in Chemistry: Green Chemistry, Dec 2008.  
**Ashok Jangid, G.P. Jangid and G.S. Tyagi:** Recent Adv. in Microwave Theory & Applications, Nov.'08  
**Dr. Divyabha:** The Power of Survival: Jhumpa Lahiri's Interpretation of Melody.

**Academic Growth**

**PhD Granted:** Dr. Komal Singh has been awarded PhD degree on the thesis entitled "E-Banking: Prospects & Problems in India (A Comparative Study of PSBs, PSIBs & PSPBs)" by MBA dept. of Ch. Devi Lal University, Sirsa in Jan 2009.  
**Projects Granted:** Dr. Navdeep Bhullar has been sanctioned a grant of Rs. 17 lacs by DST for her project "Synthesis of Carbon Nanotubes integrated thermoplastic blends in supercritical carbon dioxide."

## National Conference on 'Revolution in Chemistry: Green chemistry'

Green chemistry has emerged as a key area in response to the need for research and development of bio degradable products. A National Conference on '**Revolution in Chemistry: Green Chemistry**' was organized by the Department of Applied sciences and Humanities of the ITM-Gurgaon on 19 December, 2008. Sponsored by AICTE, CSIR and Royal Society of Chemistry, London, the conference aimed at integrating knowledge and presenting research based solutions provided by Green Chemistry in the design of chemical products and processes that reduce the generation of substances hazardous to environment.



The Conference was inaugurated by the Chief Guest **Dr. Alok Adholeya**, Director Biotechnology and Bio-resources Division –The Energy and Resources Institute, New Delhi. In his inaugural address, Dr. Adholeya emphasized upon the need for a collaborative effort by the academicians and the industrialists to design eco-friendly products, processes and technologies necessary to achieve a sustainable

development of society. He lauded the efforts of the Institute in this direction. Prof. Alok Adholeya emphasized that the solutions to the problems of environment are not just limited to the department of chemistry. An interdisciplinary effort in this area alone can help us find solutions.

The then Principal welcomed the chief Guest, Dr. Alok Adholeya and other scholars and delegates from renowned institutes. An overview of Green Chemistry was presented by Prof. A.P. Gupta, Convener of the Conference. Dr. R.B. Bajpai was the secretary of the conference. The conference ended with a vote of thanks by Prof. Y.K. Mathur.

The Conference generated tremendous interest and the list of speakers included experts from University of Delhi, IIT Madras & Roorkee, CRR & IARI New Delhi, and TERI New Delhi. About 30 papers were presented at the conference. The Academicians invited at the Conference were Dr. R.K. Sharma, University of Delhi, Co-ordinator, Green Chemistry Network Centre, American Chemical Society and Royal Society of Chemistry, London (North India Chapter) & other prominent speakers from the NCR region. The conference not only created awareness about eco-friendly materials, but also paved the wave for further research in this area.

## CORPOVA

The concept of "CORPOVA" was the brain child of the **Economics & Management Department**. CORPOVA organized such activities as would help students develop general awareness, acquire basic information pertinent to economics, finance & management and sharpen their communication skills.

The activities started with the quiz for the faculty organized on Teacher's Day. Other activities organized by CORPOVA were THE **BIG FIGHT**- a discussion on "**Ban on smoking**" and "**Nano's way from Singur to Sanand**", student group presentations on the topics "**Nuclear deal: Emerging business trends**" and "**Recent inflationary trends: Their impact**" and a general awareness quiz entitled **MBA pass**. All these events generated interest among the students and motivated them to keep themselves well informed.

CORPOVA also organized a guest lecture by Mr. Raj Khurana on the latest trends in the Indian share market. This talk generated a lot of interest among students.

## Computer Society of India

The "**Computer Society of India**" is an active national society & a professional body where computer professionals meet to exchange views and information in the area of Computer Science, IT & other relevant areas. It aims at spreading awareness and knowledge through various channels that include seminars, workshops, industrial activities, research and development. It has more than 30,000 members in 65 chapters and 183 students branches. CSI re-established in ITM in the month of December 07' and has now been added as Gurgaon chapter of CSI with at present 193 members and has been named the CSI-ITM Student Chapter. The events organised were:

**Cyber Grill:** Designed to test All-Round Technical Capabilities of the Participants.

**Bits & Bytes:** To evaluate the aptitude programming, using the C/C++ language.

**Buzzing Stock Market Simulation:** To give students a feel of the corporate world & give an experience of trading in a virtual stock market.

**Surprise Event:** A quest pepped with brain racking crossword, palindromes & more to challenge the participants at every turn.

**Hardware Assembly:** A quiz on Computer hardware.

**Mix Remix:** To prepare a throbbing sound track from a given list using a particular software been provided (Virtual DJ was used) within a time limit.

**Ad Mad:** Technical themes were provided on the ongoing IT world to let the teams send an inspiring message through their ad. Imagination, knowledge & creativity.

## Sports News

ITM remains an unsurpassed institute in the NCR region in academics as well as sports. The fact was once again corroborated by the inter college sports meet held in ITM on 20<sup>th</sup> and 21<sup>st</sup> October, 2008, where ITM emerged as the winner in three sports. The meet saw participation from 12 colleges from the NCR.

The intra-college sports tournament saw some commendable feats being achieved by the students. Jasbir Shokeen (06AU611) and Priya Yadav (07EL283) were declared the best athletes of the year for the boys and girls category respectively.

The winners in the various events were as follows:

**Inter-college meet**

Cricket	: DCE ggn
Football	: ITM Gurgaon
Volleyball	: APJ Sohna
Basketball	: DCE ggn
Volleyball(girls)	: ITM ggn
Basketball(girls)	: ITM ggn

**Intra-college tournament**

Team sports	
Football	: ECE
Volleyball	: CSE
Cricket	: ME
Basketball	: Civil+Auto
Carom/Chess	: ME
Tug of war	: Civil+Auto
Striker mania	: EI
Overall winner	: ME department

**Athletics (boys)**

100m	: Jasbir Shokeen
200m+400m	: Ravinder
800m	: Atharv
1500m	: Deepak
3000m	: Umed
100*4 m relay	: Jasbir, Paranit, Nitul, Narender
200*4m	: Jasbir, Pranit, Nitul, Narender

Long jump	: Deepak
High jump	: Deepak
Shot put	: Jitender
Discus throw	: Raman Deep, Sokhal
Javelin throw	: Vipin Puniya

**(Girls):**

100m	: Sheena
200m	: Nisha
100*4m relay	: Mansi, Vrinda, Shweta, Urmil
200*4m relay	: Ekta, Kanupriya Priya, Nidhi
Long jump	: Sakshi Girdhar
Shot put	: Priya Yadav
Discus throw	: Priya Yadav
Javelin throw	: Kanupriya



## Educational Trips

Tours and trips are a learning experience of a different sort. While in a technical institute trips to the industry help to acquaint the students with the technical know-how, the industrial ambience and the management of enterprises, trips to the hilly regions give to the students a break from the technical environment and help them not only to enjoy nature but also to be adventurous. With a view to offering a comprehensive outdoor experience for all skill levels in the students, Institute of Technology and Management (ITM), Gurgaon, organizes trips for the fourth year students of the institute. During the last academic year three educational trips were organized.

These trips are organized under the guidance of Ms. Jyotsana Singh. She is assisted in these activities by MS. Bindu and Dr. N.S. Tomer.

The first trip was a trip to Rishikesh organized from 16<sup>th</sup> to 18<sup>th</sup> April 2008 i.e. it was 3 Days and 2 Nights trip in which 70 students from fourth year joined the trip. The idea behind the trip was to make the students acquainted with the pollution free environment of the foothills of Himalayas, enjoy of pollution free crystal clear water of Ganges and understand the importance of saving the environment from harmful pollution. The attractions of trip were River Side Camping and adventurous activities such as River Rafting, Trekking, Rock Climbing and Rappelling.

The second trip was organised for third year students to **Jim Corbett** from 7-11-08 to 9-11-08. **Total 91 students joined this trip. Students participated in various Adventure activities like Flying Folks, River Crossing, Rappelling and Bridge Jumping. Students also enjoyed the wild life safari to the national park early in the early hours of the morning.**

The third trip was organized from 27<sup>th</sup> to 29<sup>th</sup> March 2009 for fourth year students of 2005-2009 batch. 90 students from different branches joined this trip. The planning of trip was same as of Rishikesh trip 1, but the site of camp was little different. Students participated in various activities like:-camping, river rafting, trekking, body surfing and cliff jumping etc.



## SPIC MACAY

SPIC MACAY, Society for Promotion of Indian Classical Music and Culture Amongst Youth, strives to conserve and promote an awareness of this rich and heterogeneous cultural tapestry amongst the youth of this country through focus on the classical arts. The Spic Macay society has associated itself with most of the leading institutes in the country. It has also established The **SPIC MACAY ITM chapter**. Its objective is to facilitate the exchange of traditional Indian values and to generate awareness amongst the youth about the rich cultural traditions. The **SPIC MACAY ITM chapter** organized three events at ITM in September-October 2008.

- A performance on Mohan Veena by **Pandit Vishwa Mohan Bhatt** (b. Rajasthan, India, 1952) an exponent of Hindustani music (North Indian classical music) and one of the most celebrated shishyas (disciples) of the sitarist Ravi Shankar; enthralled the students of ITM by his performance on **11<sup>th</sup> september, 2008**. The 'mohan veena' is named after him, Vina or Veena, being the generic Sanskrit word for a stringed instrument.
- **The students at ITM got a golden opportunity to enjoy the evergreen classic "Modern Times" under the aegis of SPIC MACAY on 6<sup>th</sup> October, 2008. Modern Times is a 1936 comedy film by Charlie Chaplin that has his iconic Little Tramp character, in his final silent-film appearance, struggling to survive in the modern, industrialized world.**



Sponsored by SPIC-MACAY, the students of ITM witnessed on 7<sup>th</sup> Oct., 2008, a captivating Qawwali performance in the true Sufi Style, by the most famed Qawwali Singers – The Nizami brothers – Ghulam Sabir Nizami and Ghulam Waris Nizami. The Principal, staff and students sat spellbound as different thoughts of today's world were expressed easily and simply through ghazals and qawwali.

## Student Chapter of ISHRAE at ITM

ISHRAE the "Indian Society for Heating Refrigeration and Air Conditioning Engineers" was founded in 1981 in New Delhi by a group of eminent HVAC&R professionals. ISHRAE has grown rapidly and now has more than 3000 HVAC&R professionals as members in 11 chapters in India and abroad. Our student chapter is the first constituent chapters of ISHRAE Delhi chapter and has 67 members. ISHRAE undertakes to fulfil its primary objective of furthering the arts and sciences of heating, refrigerating and air-conditioning.

ITM formally joined ISHRAE on 6<sup>th</sup> October 2008, which was made possible with the support of Prof. Swaran Ahuja (vice principal), Prof. B.C. Nakra (HOD, ME), Mrs. Bhumika (placement officer) and great efforts of the college students working committee.

### The aims and objectives of ISHRAE are

- Advancement of the arts and sciences of heating, air-conditioning and refrigeration engineering and related services.
- Continuing education of members and other interested persons in the said sciences through lectures, workshops, product presentations and publications.
- Rendition, career guidance and financial assistance to students of the said sciences »Encouragement of scientific research.

Some of the milestones achieved by the STUDENT CHAPTER OF ISHRAE AT ITM.

1. Our students participated in the zonal level quiz, held in Delhi and they stood 3<sup>rd</sup> over there after that they went down to PUNE to represent our student chapter at the national level.
2. Some of our students are working under professionals from BLUESTAR on various projects from where they are polishing their skills and getting good industrial exposure.
3. Industrial trip to **Zecon industries pvt. Ltd.**

Some of our other programmes which provide students an experience to the latest technological advancements are:

1. Industrial Trips
2. Workshops presenting live demo of various components of machines.
3. Technical Paper Presentation and Quizzes.



"Mathemactive", the first maths society of ITM, was envisaged by the Humanities and Applied Sciences Department with a vision to promote and facilitate the knowledge and applicability of maths in various fields and with a view to providing general education about the nature of mathematics. The Society aims at encouraging students to participate and driving out their inherent fears of mathematics being a 'tough' subject and subsequently increase their 'mathematical quotient' which forms the crux of most competitive exams as well. The events organized by the society were:

**THE G.M. QUIZ-** The quiz aimed at checking the general and analytical maths ability of the students sans the use of any mundane formulae from our books. The average score obtained in the quiz was 61%.



**PUZZLES TO PUZZLE YOU-** The participation was remarkable in this event as well, in which about 120 students participated. The event was held to gauge the aptitude of the students and the students got a feel of how to deal with maths for placement purposes. The average score obtained in the quiz was 32 out of 75.

## Faculty Motivation & Retention Initiatives

The criteria for appointment, retention, tenure and promotion at ITM are designed to attract the highly qualified and motivated faculty who continuously strive to enhance their knowledge and teaching effectiveness. Besides encouraging and motivating faculty towards research and excellence in teaching-learning programmes, efforts are made to providing to the faculty an environment to pursue their research work and granting incentives commensurate with their intellectual pursuits.

Pursuance of research by faculty is important both for the professional growth of faculty and for infusing fresh ideas and latest technology. Therefore, ITM has devised special schemes for supporting and promoting this activity

- Rs. 10,000 cash incentive on publishing a research paper in international journal of repute and international conferences.
- 40 faculty members are involved in writing books for the engineering colleges in Haryana & outside

ITM extends complete support for pursuit of higher qualifications like Ph.D. About 16 members of the faculty are pursuing Ph.D program with IIT, DCE, NITs etc. and 12 other faculty members are under the registration process. Highly

subsidized Laptop computers have been provided to all faculty members to pursue their research work. Besides this the Management at ITM **was amongst the first few private colleges to notify the 6<sup>th</sup> pay UGC scales.**

During the last academic session the Management also organized a one day Fun & Fiesta trip for the faculty at the Country Club Resort near Gurgaon. As a part of the welfare scheme ITM has introduced a **cashless Hospitalization Scheme for the faculty and the spouse.** The Management has also been very thoughtful in introducing Free Lunch facility for all faculty & staff members.

### BAJA 2009 and Awards won by ITM Students

ITM encourages and supports participation of its students in National/International level contests to enhance their exposure and to build up a competitive spirit.

Baja is an international event of ATV organized under the Society of Automotive Engineers. Baja simulates real-world engineering design projects and their related challenges. Engineering students are tasked to design and build an off-road vehicle that will survive the severe punishment of rough terrain.

This year 150 teams from all over India applied for the event out of which, 58 teams were short-listed. The ITM team **"The Techie Tyros"**, guided by Mr Ashwini Sharma was selected for the event comprised 17 students from ME, Automobile and E&I engineering discipline. The team was led by Raman Sarin including Ajay Goyal, Anshul Tiwari, Manjeet, Prashant Goyal, Abhijeet Deswal, Ayush Saxena, Tarun Gambhir, Abhishek Bhatia, Nitish Bassi, Sunny Kumar, Vikrant Dalal, Vikas Vats, Simranjeet Singh, Narender, Deepak and Vineet Sharma. **ITM students secured 7th position in North India and got appreciation on: • Cleanest vehicles on the track • Car with the best brakes • Among 5 most aesthetically pleasing vehicles.**

One of our students was awarded with **IEEE outstanding student volunteer PIN.** Another student was selected for highly specialized training in mechanical engg. in Japan.



### ITM Degree Distribution Ceremony 2009

Amidst an ambience of solemnity and splendor, the prestigious Institute of Technology & Management, Gurgaon celebrated its **9<sup>th</sup> Degree Distribution Ceremony** on April 11<sup>th</sup> 2009. In a solemn Degree Distribution Ceremony, presided over by a distinguished scientist, academician and technocrat, Sh. Subodh Bhargava, Chairman, Tata Communications, degrees of Master's and Bachelor's in engineering were conferred upon the 2008 batch of engineers. Besides various luminaries from academic and industrial world, the Chairman and members of the Hon'ble Governing Body were also present.

The ceremony began with the proceeding of the academic procession led by the chief guest Shri Subodh Bhargava along with Prof. B.C. Nakra, Principal of the Institute, amidst the chanting of Vedic Hymns.



The lighting of the Ratan Deep by the Hon'ble Chairman, Sh. N.K. Dewan marked the auspicious commencement. The Melodious invocation of Goddess Saraswati followed by the rendition of 'Vande Maatram' created an aura befitting the occasion.

Degrees were conferred upon 31 students who had qualified for the Master of Engineering in ECE, CSE and ME and upon 315 students who had qualified for the BE in ECE, E&I, CSE, IT and ME. 39 % students passed with honors and 45 % secured first class. Eleven students made it to the university merit list.

This was followed by the Presentation of Annual Report by the Principal – Prof. B.C. Nakra, who informed the gathering that ITM had been granted the status of an Autonomous Institute in recognition of the quality education that it imparts, for its state of the art infrastructure, for its excellent faculty and its array of facilities.

He also informed the gathering that ITM is the only private unaided self financed college ranked at 17<sup>th</sup> position at all India level, and was rated as 4<sup>th</sup> in Northern India amongst the top 35 professional colleges in the country as per an independent survey conducted by Outlook news magazine. Besides that **ITM is the only private autonomous institution to be featured in the top 10 Engineering Universities/ Colleges as per the Education Times and GFK Mode Survey 2009.**

In a short span of 12 years, the student population has risen from 160 students to 2400 students. The Principal said that in keeping with the requirements of industry besides the B.Tech program in ECE, CS, ME, Automobile Engineering, CE, IT and E&I, we have expanded our offerings at the post graduate level to include M.Tech program in Robotics and Automation Engineering.

The Principal said that great emphasis continues to be placed on value added courses to sharpen the competitive skills of our students and enhance their employability. With all the companies placing great emphasis on communication and interpersonal skills, an internationally certified course awarded by Cambridge University in Business English Communication has been made mandatory for all the students. Similarly, special courses on IT Skills including UNIX, Dot Net, C++, RDBMS, Data structures etc. have been made compulsory for students of all disciplines. In addition, professional agencies have been employed to conduct Personality Development modules, including classes in individual grooming.

The Principal informed the audience that about 71 % of students passing out in June 2009 have already been placed in premier companies like TCS, HCL Info Systems, Birlasoft, IBM, L&T Infotech, Accenture, Tech-Mahindra, Wipro Technologies, Libsys Corporation, Sapient, NIIT Technologies, Elitmus and so on.

Subodh Bhargava congratulated the college authorities on their recognition as a center of excellence and exhorted the students to make their Alma Mater proud by making their mark in the field of their expertise. He exhorted them to be innovative, creative and hard working. Hard work alone will help them carve a niche for themselves. 'There is no substitute for hard work' – he said. Despite recession there is always room for the best. "We are at the threshold of a new age offering opportunities as well as challenges", he said. "If the youth are able to develop a competitive edge, they would be able to make a mark in the area of their specialization". He exhorted the engineers to be leaders and not merely managers, to be entrepreneurs and not merely job seekers, to be innovators and not merely followers. He told the young graduates that in these times of recession they need to be innovative and enterprising so that they can be instrumental in creating jobs. As engineers they needed to explore areas where technology could be used to enhance progress and efficiency and as managers they needed to use their skills to lead others towards facing challenges. Mr. Subodh Bhargava told the graduates that in every organization there are two types of persons- who bring happiness to the organization some when they join and others when they leave. He exhorted the students to become excellent team builders and leaders so that they can bring to their organization a progressive outlook, dynamism and a sense of fulfillment.

The declaration of the closing of the Degree Distribution Ceremony was followed by a melodious presentation of a Patriotic Song. The celebration came to a close by the singing of the National Anthem. The occasion was capped by a sumptuous dinner hosted by ITM in honour of the outgoing students on the lush green lawns.

### Institute of Electrical & Electronics Engineers (IEEE) IEEE Student Branch, ITM-Gurgaon

IEEE is a leading international association for the advancement of technology. The IEEE was formed on January 01, 1963, with the objective of advancing the applications of electro technology and allied sciences, serving as catalyst for technological innovations and supporting the needs of its members through a wide variety of programs and services.

### Indian Society for Technical Education (ISTE) Students and Faculty Chapter, ITM-Gurgaon

ISTE is a national level professional body presenting membership to students as well as faculty. Students Chapter of ISTE takes care of academic and professional need of student members of Electronics / Computer Science / Information Technology degree. The main objectives of ISTE are to plan and arrange the technical programs and activities on a regular basis to provide a common platform for exchange of ideas and information on all aspects of professional development.

### Society of Electronics Engineers (SEE) Deptt. of ECE & EI, ITM-Gurgaon

SEE is a departmental professional society of ECE & EI Department, ITM. The main objective of this society is to develop abilities among students in the technical as well as non-technical fields. The Society arranges various events and activities throughout the year for the students.

### Infrastructural Development @ ITM

The Governing body harboured a vision to see our college emerge as one of the finest in the state & the country, with state-of-the-art facilities & developments to aid the growth of knowledge, education, whole-roundedness, physical fitness or simply overall well-being. The facilities provided are commensurate with a twenty first century institute of higher learning wherein we have an environment which enhances the learning process.

To meet the increasing requirements of space on account of the growing student population, the infrastructure is continuously being supplemented to take care of growth and expansion. In working towards the fulfillment of the vision of the founders to create an institution committed to delivering education of internationally recognized standards. The following initiatives have been taken towards infrastructural development

- A new wing with 50,000 sq feet carpet area had been constructed to cater to the requirements of increase in intake and for the new courses started in July 2008.
- All the classrooms are fully air-conditioned operational from 1<sup>st</sup> April 2009 and planned to be equipped with teaching aids like LCD projectors etc.
- A new air-conditioned library equipped with computerized facilities and more than 40,000 books is ready and was commissioned by May 2009.
- All labs in CSE & IT have been modernized and upgraded. Seven new labs have been set up to take care of new courses.
- A new interdisciplinary lab on Mechatronics and Robotics has been created in ME & AE Dept. & is being used by under graduate and PG students.
- Facilities have been expanded for Lawn tennis and basketball by constructing high standard courts for them.

#### Pathway and an access to the administrative wing:

Brick and stone paving paths add charm and grace to any landscape. Paths are both functional and artistic and can easily add a desired effect. Commensurate with the aesthetic layout of the Institute, a twelve foot broad stone pathway is being laid skirting the outer wall of the new wing. The stone paved path will also have a functional value in providing room for students to submit documents etc. at the windows of the administrative wing. Besides adding grace to the newly created administrative wing, it also provides a straight and easy access to the grounds without the user having to walk through the class room corridors.

#### Resurfacing the metalled road in the campus:

A metalled road leading from the gate of the institute provides an easy access to the staff parking lot, the cafeteria, the sports gymnasium (under construction) the volley ball and the tennis courts and the laboratories. This metalled road is in the process of being resurfaced to provide the visitor a smooth jolt free access to the Institute and its facilities.

In working towards the fulfillment of the vision of the founders to create an institution committed to delivering education of internationally recognized standards, ITM has been amply rewarded for its unwavering commitment to quality.

ITM is the only private autonomous institution to be featured in the top 10 engg. universities/ colleges as per the education times and GFK mode survey 2009.

### From College to Corporate - Placement Cell

Most of the students at ITM have their careers charted out well before they complete their graduation. The credit for this goes to training and placement cell headed by Ms Bhumika Sharma.

The Cell invites various industries and reputed companies for campus placement. The placement cell aims at not only helping the students to find the job they are looking for but also facilitates companies to conduct their recruiting procedure. The cell provides appropriate infrastructure and environment for pre-placement talks, written tests, interviews, etc. as per the requirement of the organizations.

In its effort towards preparing the prospective students for the campus selection programs, the Placement cell functions throughout the year by organizing sessions of aptitude test, group discussions and guidance programs on 'How to face interviews', in order to facilitate and assist students in facing placement tests and interviews. This cell also coordinates various activities related to the career of the students along with the industrial training.

Besides this, seminars are organized in collaboration with the corporate world to enlighten students on the rapidly changing economic scenario. To keep our students in tune with the changing requirements of industry, the 'ITM has initiated a 'Lecture Series'. Wherein some well known faces of the corporate world and senior representatives from the manufacturing and service sectors are invited to talk to our students.

In an effort to develop and strengthen the relationship with the corporate world, ITM has delineated long term strategy to place Under Graduate

students in prestigious organizations. The efforts of the placement cell are clearly visible with near 71 % placements of students passing out in June 2009 in premier companies like TCS, HCL Info Systems, Birlasoft, IBM, L&T Infotech, Accenture, Tech-Mahindra, Wipro Technologies, Libsys Corporation, Sapient, NIIT Technologies, Elitmus and so on. Such a good figure of placement even during the global recession period is really a remarkable achievement. The goal of the course is not just to place the student but to help them build a long term career with leading organizations. The feedback from the employers about our previously employed students is a testimony to our efforts.

### Center of Academic Excellence & Planning (CAEP):

CAEP is responsible for offering professional development services to all faculty, staff and students by conducting such programs which strengthen their knowledge, improve quality of teaching and interpersonal skill. The centre works closely with all faculty to ensure that they are given the greatest possible range of tools and facilities to provide a rich learning experience for students. Academic values include commitment to excellence in particular fields of study, as expressed in teaching, research, and in support of departments and programs. CAEP is dedicated to create an environment for learning and discovery, which fosters personal growth and promotes each person's uniqueness and independence. Some of the activities organised by CAEP are:

#### A. Research Grants Proposals

1. With the Objectives of Academic Advancement, CAEP motivates the faculty members to apply for Research Grant under various grant in schemes to various External agencies like: **AICTE Schemes : IIPC, EDC, NAFETIC, NCP.**
2. In September 2008 CAEP applied to AICTE for 12 Proposals under Various grant-in-aid schemes.

#### B. Faculty Development and Staff Development Programs

#### C. National Seminar on Emerging Trends in Computing, Communication, Control & Information Technology

#### D. National Workshop for Students on UML/Rational Rose and application of MATLAB in Science & Engineering.

### MOMENTUM 2008

In the midst of the hectic schedules & grueling lectures, there are certain events in the ITM calendar that offer a welcome break, & none are more awaited than the Annual Cultural Festival, **MOMENTUM**.

The first two days of this festival were dedicated to finals of the sports events and the next three days to cultural events. The fest saw large participation from within and outside the college. Colleges from across the NCR participated in the kaleidoscopic activities. The sports day saw the finals of the athletics and cricket and the football tournament, the preceding rounds of which had already been conducted. The cultural part of the fest was divided into onstage and the offstage events.

The entire college was in a festive mood throughout the month leading to the fest. Like every year, the event saw a large number of students & teachers actively coordinating & participating in various exciting events which were spread over the three days, from 19<sup>th</sup> to 21<sup>st</sup> October, 2008. The preparations for the events began well in advance, with preliminary rounds encouraging mass participation. The cultural part of the fest was divided into onstage and the offstage events.

A host of offstage events and activities in the fields of creative skills & literary events like collage making, debates, group discussions, the GK & Livewire quizzes, mono-acting were conducted on the first day. The sports and corporate quiz were major attractions. The cultural events like **rangoli, poster making and face painting** were very popular. Regatta the motor boat competition was an event which invited the mass attention. The participants were required to make working boats within the given timeline and race them in the college fountain. Fun events such as **"ITM dares", "Lead ITM" & "Cacophony"** were especially memorable.

The second day was the day of onstage events comprising **song, dance shows and plays. Various group** and solo performances exhibited exceptional talent. The solo & duet singing competition along with the solo & group dance competition were well received by the audience. Humorous fillers in between the various contest proved to be fun filled. An event which kept all eyes riveted on the stage was the Fashion show, in which handsome hunks & gorgeous ladies from our & other colleges played models flaunting a gorgeous & mesmerizing kaleidoscope of



dresses & outfits. We had the privilege of hosting a number of participants from other colleges such as Maulana Azad Medical College, Jesus & Mary College, IP University, GITM, Ansal's Institute, to name a few. The day concluded with the first ever "**Battle of the Bands – The Annual Rock competition**", in which the winning band was to be awarded prize money of Rs. 5000.

The fun, frenzy & madness continued on Day Three, with the ever-popular "Mr. & Miss Momentum" contest, & the other contests continuing at full throttle. After all was said & done, the prize distribution ceremony took place, in which all those who had won laurels for their hard work in the competitions of the fest & other calendar events were awarded.

Momentum, ever since its inception, has always boasted of a rollicking jam session. Perhaps the first ever Indian DJ to gain popularity within & outside the country, having collaborated with legendary artists such as Ustad Nusrat Fateh Ali Khan, Hans Raj Hans & Malkit Singh, thus, revolutionizing Indian music forever, there could not have been a finer performer than the living legend **Bally Sagoo**, who took centre-stage & captivated everyone present.

When the final song came to an end, we bade farewell to what had been perhaps one the most memorable college festivals ever & many were saddened by the close. Not only those who participated, but also those who had witnessed the grand event, knew that they had been part of something special. They had displayed their creative & stentorian skills with utmost élan & ensured that the bonanza lived up to its reputation. As everyone departed, they reminisced the fantastic cultural festival, with its highs & lows, & shall certainly hold it close to their hearts for many years to come.

### CEREBRATION

'CEREBRATION', the annual technical fest of ITM, gives a whole new dimension to the concept of 'Technical Festival'. It caters to the creative and vibrant minds of the students and promises to be a cerebral extravaganza par excellence. This technical festival is an amalgamation of creativity, imagination, logic and reasoning. It is a festival for nurturing ingenious ideas.

### Faculty and Staff Development Program at ITM

The faculty development programs (FDP) were conducted by Ms. Vijay lakshmi Vijay Nathan – a prominent face in this field. The major focus of the FDP program was on upgrading the teaching, training and research skills of management and engineering teachers. The program enabled participants to develop competence in general management & engineering education as well as in research and pedagogy. Participants who completed the program were awarded a certificate.

Since the first such workshop offered in 2006, the program has been continuously modified and re-structured to address new developmental needs. Every year a large number of teachers enhance their skills and update their pedagogical tools. Participants are provided an opportunity to refresh their knowledge related to their field and pedagogy with the latest academic practices in the field. FDP provides participants a unique opportunity for self-development with compulsory presentations and specially designed workshop games. **The first Faculty Development Program of six days on "Effective Design and Delivery of Classroom Sessions" was organized from 14 July 08 to 22 July 08**

This program was attended by 24 faculty members ( 6 from each deptt.)

**CSE & IT:** Ms. Geetika Pruthi, Ms. Geetika Narang, Ms. Jagdeep Kaur, Ms. Divya Sharma, Ms. Anupma Yadav, Ms. Ruchi Sherawat  
**App. Sc. & Humanities:** Dr. N.S Tomar, Dr. Sanjeev Kumar, Mrs. Vasudha M. Thukral, Dr. Navdeep Bhullar, Mrs. Pranti Purohit, Dr. Manoj Kumar  
**ECE & EI:** Ms. Shweta Ohri, Ms. Shaveta Arora, Mr. Rajpal Singh, Ms. Kusum, Ms. Nidhi Sharma, Ms. Vatsala Khanna  
**ME & AE:** Ms. Swati Bhardwaj, Mr. Bhashkar Chandra, Mr. Manoj Gopaliya, Mr. Deepak Bhardwaj, Mr. Abhishek Pr. Singh, Ms. Shivmanjari Gopaliya

Another Faculty Development Program on "Effective Design and Delivery of Classroom Sessions" was organized from 15-12-08 To 20-12-08

**CSE & IT:** Mr. Dinesh Vashisht, Ms. Gunajn Pahuja, Ms. Kiran Yadav, Ms. Shilpy Bhardwaj

**Civil Engineering:** Ms. Niragi Dave, Dr. Anil Misra

**ECE & EI:** Ms. Deepa, Ms. Shiela, Mr. Debasis, Mr. Amber, Ms. Shefali, Ms. Pooja

**ME & AE:** Mr. Sunil Pandey, Mr. Ajay Verma, , Mr. Pawan Taneja, Mr. Indrajeet Chavan, Mr. Pradeep Rohilla, Mr. Sanjay Mohite



This annual technical festival of ITM, CEREBRATION, is generally held in the last week of March or the first week of April. CEREBRATION 2008 was held in March 2008 and CEREBRATION 2009 was held in April 2009. The events were spread over two days and witnessed enormous participation from both within the college and outside. The extent of popularity of the fest can be easily gauged by the diverse participants that had gathered. The list of colleges which had their students participating in the fest included DCE, CRSCE Murthal, Apeejay Sohna, GITM, WIT, CITM, Dronacharya College of Engg. and more.

The popular events were the brain teasers Byte-fight, Bugicide, Nirmaan and Regatta which were a test of the participants' technical skills as well as creativity. Other technical events like Debate, Group Discussion, CAD design, Website design and non-technical events like Sudoku, Kakuro, LAN gaming, snappit, Lead ITM were a hit among the masses. CSI-ITM Student Chapter, held the 'technoholic jargon' comprising of a variety of activities and events like Surprise Event, Hardware Assembly, Mix Remix and Blind-art etc to cover the diverse aspects of computers and information technology and facilitate the participation of the students in these fields

In CEREBRATION 2009 certain new events were included to give to the students more opportunities to be technically creative. The new events which were added to the competition were bridge construction, Linux install fest, creativity, hackmania and mathlympics etc. It was an intra college event with massive participation of more than 500 students from ITM only.



**App. Sc. & Humanities:** Mr. Phool Singh, Ms. Suman Nehra, Dr. Divyabha, Ms. S. Kalpana, Dr. Ashok Jangid, Dr. Navdeep Bhullar

On the similar grounds a four day Staff Development Program (SDP) for honing various interpersonal skills of administration and technical lab staff was organized at newly constructed wing (top floor) of ITM. Admin and technical staff were made aware of latest trends and technical advancements in their respective fields. The highly qualified teachers of ITM were given responsibility of conducting this workshop for admin and technical staff. Major contributions were made by Prof A.S. Chagger, Prof. Rajan Rai, Prof N.P. Singh, Ms. Praveen, Ms. Komal, Ms. Divya, Ms Gunjan Pahuja, Ms. Latika Singh, Mr. Dinesh Sharma and Mr. Amit Dhamija. The prominent areas those were covered during the span of four days were a well mix and blend of various interpersonal skills. The key topics covered were Communication skills, Presentation skills, ISO forms and reviews, PC viruses and protection methodologies, Microsoft Excel and Word and Work Motivation Techniques. The participants of workshop were awarded certificates.

### Staff Development Program (08-12-08 To 12-12-08)

The Staff Development Program provides Technical and Admin Staff Members an opportunity to expand their knowledge and expertise in their respective field.

**CSE & IT:** Mr. Manish Arora, Mr. Akhand Pratap, Mr. Vijay Kumar, Mr. Brajkishore, Mr. Rohit Pant, Mr. Manoj Sharma, Ms. Sagarika, Ms. Harsha Monga

**ECE & EI:** Mr. Pinaki Dutta, Mr. Anil Kumar, Mr. Chetan Sharma, Mr. Mohan,

Mr. Baldev Singh, Mr. Dwijinder,

Mr. Ajay, Mr. Gurminder

**ME & AE:** Mr. L. N. Joshi, Mr. Anil

Chaudhary, Mr. Satish Kumar,

Mr. Rawat, Mr. Harpreet Singh, Mr.

Ajay Bishwal

**App. Sc. & Humanities:**

Mr. Sunil Kumar, Mr. Mahipal Singh,

Mr. Sushil Kumar, Mr. Kashidin

All the events were organized by

CAEP under the co-ordination of

Ms. Pariza Kamboj (Head –CAEP)

and Dr. Ranjit Biswas (Dean-ITM

Gurgaon). Dr. B.C.Nakra and Prof. S.S.Ahuja were among the protagonists of program. On the successful completion of events, the Program Incharge Mr. Amit Dhamija and Ms. Pooja Malik received approbation by both the faculty and staff members. Faculty and staff also admired the hospitality arrangements by Ms. Jolly Shah and others team members of CAEP.



# VT



## Scholarships

Conscious of its duty towards the students belonging to economically disadvantaged sections of society ITM granted scholarships to about 35 students belonging to weaker sections of society. In its effort to encourage the meritorious students, empower the women, enable the physically disadvantaged and support the economically backward; ITM awarded full/partial tuition waivers to about 23 students. **Rs. 88 Lacs** were disbursed to 193 students under various schemes in year 2008-09.

## ... AND THE WORLD LAUGHS WITH YOU

Laugh and the world laughs with you  
Weep and you weep alone  
For the sad old earth must borrow its mirth  
But has troubles enough of its own

Sing and the hills will answer  
Sigh and it is lost on the air  
The echoes bound to a joyful sound  
But shrink from a voicing care

Rejoice and men will seek you  
But they do not need your woe

Be glad & your friends are many  
Be sad & you lose them all

Feast & your house are crowded  
Fast & the world goes by  
Succeed and give and it helps you live  
But no man can help you die

There is room in the halls of pleasure  
For a large and lordly train  
But one by one we must file on  
Through the narrow aisles of pain

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## Nokia Signs MoU with ITM-Gurgaon

A *Memorandum of Understanding* was signed between the Institute of Technology and Management (ITM), Gurgaon and Nokia Siemens Private Limited, a company having its registered office at 2<sup>nd</sup> floor Commercial Plaza Radisson Complex, National Highway No. 8, Mahipalpur, New Delhi – 110037; on the 20<sup>th</sup> of October 2008 at the Nokia Siemens headquarters at Gurgaon.

As communicated to ITM, Nokia Siemens Networks private limited wishes to make an impact on society by collaborating with ITM in a way that it can support a) non research and development collaboration, b) can participate in recruitment activities, c) support student development exercise of ITM as a part of corporate social responsibility. Towards this end, Nokia Siemens Networks Pvt. Ltd. wishes to establish in particular knowledge sharing, and devoting more working time and financial support to the eligible students of ITM. Towards achieving this target ITM and nokia siemens private limited wish to join causes for ensuring an effective and sustainable scholarship program.



### Scope of the cooperation

The following activities shall be implemented under the cooperation contemplated under this MOU:

- Inputs from Nokia Siemens Networks Private Limited once in an academic year with content of latest development in telecommunication technology and telecommunication industry.
- Utilization of testbed facility in Nokia Siemens Networks Private Limited for certain course experiments, visits by lecturers for project/papers.
- On the job training/internship for ITM undergraduates and/or graduates.



Yukti is an organization of student volunteers at ITM who have a mission to work for the upliftment of the poor, disadvantaged and underprivileged sections of society. The organization is committed to bringing a smile on the face of the slum-dwellers. The projects undertaken by the organization aimed at: Creating awareness regarding hygiene, sanitation and family planning etc.; Organizing medical education projects including routine checkups and treatment; Motivating them to send their children to school and Assisting them with clothes, shoes, blankets and household items.

**Vastradaan:** Yukti volunteers initiated a “door to door” drive as well as an on-campus drive for collection of surplus clothes, blankets, shoes and other essential household items for distribution among the needy. These articles were distributed in the slums surrounding Mehrauli- Gurgaon on 8<sup>th</sup> March 2008 and April 24<sup>th</sup>, 2009.

**Khushi:** Yukti organized “Spend a While, Spread a Smile” program for the slum kids by bringing them to the ITM fiesta where they witnessed the fun events, sang and danced, shared goodies and biscuits and thus got a break from the routine of their hard life.

**Prerna:** Donation for Bihar Flood victims- Yukti also initiated a donation drive in the college campus to lend a helping hand to the 2.3 million people effected by the floods caused by the breach in Kosi embankment in Aug. 2008. Yukti donated Rs. 53,500 to the Relief Fund of Chief Minister Bihar.

- Scholarship program for selected students.
- On campus recruitment in ITM, Nokia Siemens Networks Private Limited to select candidates for employment, if any and found suitable as per selection criteria.
- Enrichment of one or several academic courses with examples and discussion on the technology that is being used in the present telecommunication industry.
- Web-based training program.

## Tie - ups at the International Level

Striving for international standards in technical education, ITM has been exploring tie-ups and mutually beneficial collaborations at an international level. Recently teams of delegates from South Korea, Poland and Netherlands visited the Institute and collaboration between ITM and their universities was explored for academic interaction. ITM signed a memorandum of understanding with delegates from these universities. The collaboration includes the exchange of students and faculty and involvement in academic programmes have been agreed in principle.



Besides providing an opportunity for academic interaction of students and faculty at international forums, this memorandum of understanding will enable ITM to join the select league of institutes of international standing.



## CROSSROADS FIESTA

Crossroads is a society which is a confluence of literature, art and culture. The Society was formed with the objective of creating the awareness of a healthy synthesis of modern trends and ethnic culture.

Crossroads is one step towards the all-round development of would-be engineers. It is about nurturing student's inner talent.

The crossroads “FIESTA RELOADED” was organized on 25<sup>th</sup> September, 2008 from morning 11:00 am to 6:00 pm in the evening. The venue for the hugely popular event was the canteen lawns. It was the second time that a cultural FETE had been put up in the college independent of MOMENTUM. The event saw an overwhelming response both from the students as well as the teachers.

The various events during the day included cultural events and activities like mp3 quiz, filmi crossword, kite flying, marbles, face painting, wacky (hairstyling) and many more. Various fun stalls and food stalls were put up in the venue area for the recreation of the students. This event is organized twice every year.



*Change does not necessarily assure progress, but progress implacably requires change. Henry S. Commager*