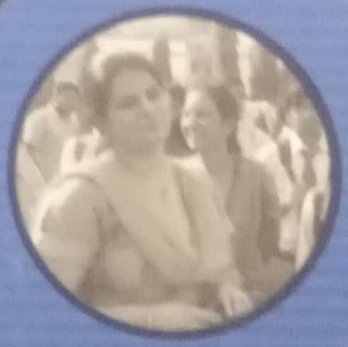
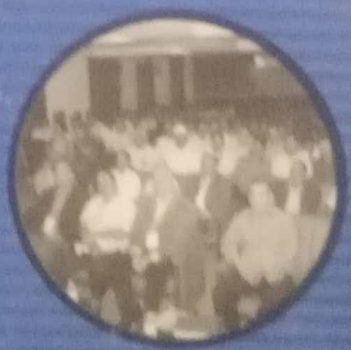
ISSUE 26

# THE SKIT TIMES

Quarterly Bulletin of

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN





*Spring*

*2013*

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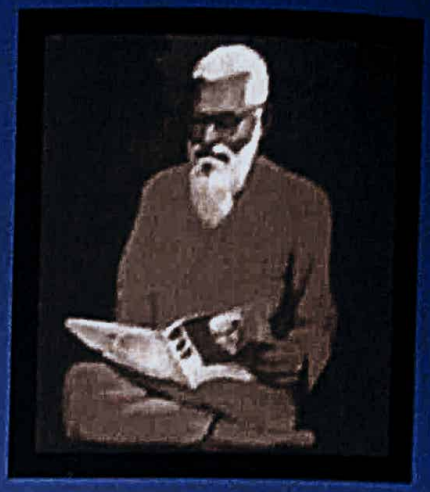
## OUR MENTOR & PATH FINDER



**Swami Keshvanand Ji**
**(1883 - 1972)**

## VISION

To promote quality education, training and research in the field of engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

## MISSION

To promote higher learning in advanced technology and industrial research to make our country a global player.


**DISCLAIMER**

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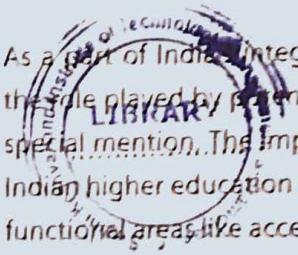
# EDITORIAL

Dear Readers

Education is an important weapon to fight socio-economic evils like poverty and inequality. Education is also the key to enhance India's competitiveness in the global economy especially in view of interdependence and integration of Indian economy with world economy, dealing with challenges like maintaining international quality in higher education and acceptability and sustainability of skilled manpower. This seems to be more important for a country like India which has the second largest system of higher education, next only to the USA. Therefore, ensuring access to quality education for all, in particular for the poor and rural population, plays a vital role in the economic and social development of India. Looking at the ground reality however, one gets a dismal picture of the state of higher education in India.

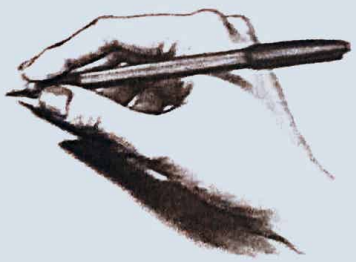
Over the years the higher education system has become an enterprise having a lot of business orientation with all its exposure to fierce competition at different levels of stakeholders. Indian education system, considered as one of the largest of its kind in the world, also faces enormous challenges in the new millennium. These challenges are diversified and manifold stretching from contemporary curriculum development, quality assurance, accreditation and ethical value propositions to policy planning and governance. In a technology driven society, knowledge rewrites the fate of a nation and it largely comes through higher education. One of the major reasons for India's performance being not that encouraging was the suboptimal investment on higher education in the recent past. With an unprecedented growth of knowledge, particularly in the area of information and communication, followed by globalization shrinking the world into a global village, competitiveness has become a decisive force of growth. This necessitates massive investment in higher education so that the availability of internationally acceptable highly skilled manpower can be ensured. But, this drive for internationalization of higher education is a very delicate move and should not be accomplished at the cost of identity of the nation.




As a part of India's integration into the world economy the role played by potential foreign participants needs a special mention. The impact of potential entrants on the Indian higher education system can be felt in most of the functional areas like access, equity and quality. Moreover, in view of the inherent lapses in the regulatory structure of the system, unregulated foreign participation may lead to unfair and exploitative practices; to mention a few: high capitation fees, misrepresentation of courses and corruption in admission process which may further accentuate the functional and ideological differences. Thus, in order to ensure excellence and reasonable match between demand and supply of globally acceptable labour, a striking balance has to be restored between accessibility to a world-class educational system and model national values, ethics and standards.

Happy Reading!

Dr. Niraja Saraswat
Editor-in -chief



# CAMPUS VIBES

## NATIONAL CONFERENCE ON "EMERGING TECHNOLOGIES IN COMPUTER ENGINEERING"

Department of Computer Science & Engineering successfully conducted a National Conference on Emerging Technologies in Computer Engineering under the technical co-sponsorship of Computer Society Chapter, IEEE, Delhi Section and in association with HCL on 3 Nov. 2012. The conference aimed to deliberate on the enabling infrastructure, policies and resources, and identify the critical success factors that build and sustain initiatives in Computer Engineering and Information Technology.

The conference included focused panels, discussions and sessions providing a unique opportunity for participants to share knowledge, information, news, views and network with peers and experts from the country. The conference included three plenary and three parallel sessions comprising 48 speakers and over 113 participants including key decision-makers from government, industry leaders, practitioners and academicians from all over the country.

The eminent guests and dignitaries who graced the occasion included Mr. Rakesh Verma, IAS, Principal Secretary, Planning Department, Government of Rajasthan, Mr. Daman Dev Sood, CIO and Head- Sustainability Practice, IEEE Ambassador, India, Mr. Ripu Daman Associate Vice President, HCL Infosystems, Jaipur, Mr. Vinit Goyal, Manager, Infosys Technologies Ltd., Mr. Rajesh K. Jeypaul,Technology Executive, IBM Innovation Center, Bangalore, IBM India, Dr. V. K. Dubey, Retired Chief Scientist, CEERI Pilani, Prof. (Dr.) V. K. Chaubey, Professor & HOD, BITS Pilani.

The IBM panel session was organized to discuss the theme "Meeting the Industry Demand by Academia". The objective was to explore the possibility of having a customized curriculum as per the needs of the industry. There were various experts from IBM, HCL, Infosys, CEERI and also from Rajasthan Technical University. This session was chaired by Prof. R. P. Yadav, Honb'le Vice Chancellor, Rajasthan Technical University, Kota. He delineated the requirements of the industry and insisted on student orientation in view of it. He also motivated the participants by narrating the industry's experiences of using the expertise of students, an initiative aimed at bridging the gap between it and the academia. Mr. Rohit Khanna, General Manager, IBM laid out before the participants the expectations of the industry in terms of skills, knowledge and attitude. He also apprised the audience of IBM's initiative to create a skilled and competitive IT workforce.

Mr. Ripu Daman outlined the various skills like analytical skill, communication skill and team work which are essential for success. Mr. Vineet Goyal defined the dedicated, disciplined and motivated attitude of industry professionals. Dr. V. K. Dubey explained the importance of practical knowledge and stressed upon frequent industry-academia interactions.

**In Technical Session - I** the chairperson Prof. (Dr.) V. K. Chaubey, HOD, BITS, Pilani delivered an expert talk on the themes of web applications and security and software product development. Another invited talk was given by Mr. Ajeet Mishra from Oracle India who discussed important facts of databases. In this session, 15 papers were presented on software development and web applications.

**In Technical Session – II**, the chairperson Mr.Rajesh K. Jeyapaul from IBM India, Bangalore spoke about "Cloud Computing: Energy consideration in clouds". In this session various participants presented 12 papers on data mining and database systems, artificial intelligence & fuzzy logic.

**In Technical Session – III**, the chairperson Prof. (Dr.) Anil Kumar Dahiya, HOD, CSE, Manipal University spoke to the audience on the Cryptology. His speech was followed by a presentation session which included themes like image processing, network security and various other issues.

Undoubtedly this day-long interface unveiled the challenges and set forth illuminating ideas, fresh insights and alternative ways of thinking about the competitive yet cooperative combat that the world of computing is readying itself for.

## REPUBLIC DAY CELEBRATION

SKIT celebrated the 64 Republic day in an atmosphere redolent with patriotism and a deep feeling of gratitude for the freedom fighters. The celebration began with the flag hoisting ceremony.

Mr. Surja Ram Meel , chairman ,SKIT ,expressed his concern over the declining enthusiasm in the student community about national days. He spoke about the sacrifices of freedom fighters which can prove fruitful only if every Indian is committed to the service of the country. He exhorted the youths to be inspired by Swami Vivekananda and Swami Keshvanand who had no resources at their disposal and yet contributed so much towards social development. He invoked the teaching community to find time in their periods to teach ethics to students. He also articulated his deep concern over the decreasing values in the society.

Dr. Anil Bafna, vice chairman, SKIT, termed the Republic Day as a day of introspection and resolutions. Blind imitation of western ideology has led us deep into materialism & commodification of women. He said that the youth has immense potential, the need is to shift the focus from rights to duties. He advised students to frame a charter of their own lives and be guided by that charter to succeed in life.

Mr. K. R. Bagaria, Founder Director of SKIT, also expressed his worry over the decreasing number of students on the national days. He also warned that the nation's future would be bleak if the credibility and moral authority of the constitutional institutions were not restored.

Mr.Jaipal Meel, Director of SKIT, extended his congratulations on the occasion and invoked the student community to play a vital role in the innovation and development of India.

Prof. (Dr.) S. L. Surana, Director Academics regretted that though SKIT is committed to an all round development of students, they still get misguided and fail to be regular in their classes. He urged the students to be sincere in their duties towards their parents, society and the country. He said that honesty, discipline and integrity are essential to be successful in life.

Prof. M. L. Bhargava, Advisor, asked the would be engineers to have an analytical approach and inspired them to take initiative and put our nation on the highest pedestal in the international arena.

Mr. Ashish Nayyar, Reader, Dept. of ME, talked about the generation gap. Prof. N. K. Banthia, Head, Dept. of ME, read out an excerpt reminding us of the legacy of our predecessors. He also proposed a vote of thanks.

The celebration culminated in a cultural programme including a skit directed by Nimesh Patni which left the audience spell-bound. The programme ended with the distribution of sweets to all.

## MR. NEELESH MISRA'S DISCOURSE

TOPAZ, the E-cell of our SKIT, organised an interactive session on January 24, 2013 for the students with a renowned journalist, author, radio storyteller, Hindi script and lyric writer, photographer and deputy executive editor of The Hindustan Times.

In his popular radio show Yadoon Ka Idiotbox on BIG FM 92.7, he has established an imaginary city Yaad Sheher where storytelling meets music. This show is a sort of kissagoi. His start-ups like Gaon Connection, a rural newspaper of its own kind and India's first writer led band, Band Called Nine, are examples of his inventiveness. He has written film songs like Jaadu hai Nasha hai (Jism), Bepanah Pyaar hai (Krishna Cottage), I am in love (Once Upon A Time In Mumbai), Anjaana Anjaani Ki Kahani (Anjaana Anjaani), Banjaara (Ek tha Tiger), Kyon (Barfi) and many more.

He described moments of his childhood, his struggle while working as a journalist with the Associated Press and his rapport with Bollywood. He asked the students to pursue their wished goals to achieve insurmountable heights of success.The interactive session was followed by a question-and-answer round in which he revealed some secrets of his life and also sang a song of his choice.

The event served to create awareness of the forthcoming E-week among the students. It was presided over by Prof. S.L. Surana, Director(Academics), SKIT, Dr. S.K. Calla, Principal (D&W), SKIT, Prof. M.L. Bhargava, Advisor, SKIT, Ms. Abha Meel, Advisor, SKIT and attended by students and faculty members. Prof. Surana proposed a vote of thanks to the guest speaker by expressing his gratitude on behalf of the entire SKIT family. This event was coordinated by Ms. Maneesha Kaushik, Coordinator, EDC, TOPAZ and Mr. Harminder Singh. The event was a huge success and left everyone with unforgettable memories.

# FACULTY ENABLEMENT PROGRAMME

To familiarize the faculty members with the Infosys Campus Connect Programme, an in-house Peer Faculty Enablement Programme was conducted by CS/IT department over five days from 26 Nov. 2012 to 1 Dec. 2012. It included various sessions on modules like ICS, OS, PST, P&T, OOC, RDBMS etc. It was successfully coordinated by Mrs. Sanju Choudhary and Mrs. Richa Rawal, Lecturer in the department.

# CAMPUS CONNECT WEBINARS

A webinar is an effective virtual communication and collaboration medium using Internet. It helps to bring together Subject Matter Experts (SMEs) and a target audience, i.e., students in a virtual meeting room and allows them to share the knowledge and discuss the issues effectively. The Campus Connect Webinars were held on 30 November, 2012 and 4 December, 2012 on "Practitioner's View on the Significance of Software Engineering" and were attended by all the faculty members of the department. Ms. Deepti Madan Nirmal, Technology Lead, Engineering Services interacted with the faculty members on Test Strategizing in a Software World. Mr. Yogesh K. Rohilla, Project Manager, Engineering Services spoke to the faculty members on Planning: an Effective Metrics Model for a Software Release.

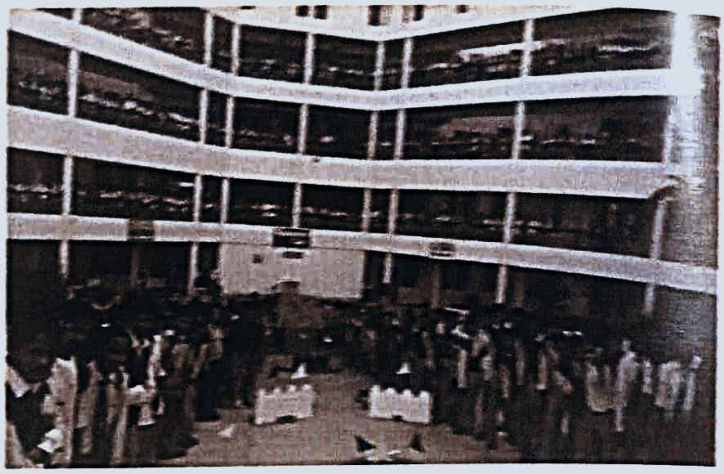
# ROLLOUT ONLINE TEST

Infosys Campus Connect Foundation Program (Rollout) Online Test was conducted on 24 Nov. 2012 for V Semester CS/IT students. The test was based on ICS, OS & PST Modules.

# SPEED & CONTROL 001 ORGANIZED

SKIT Robotics Club organized a technical event titled SAC 001 in November. The objective of organizing the event was to explore and enhance the creativity and technical forte of students. It was a race of wireless operated cars in which the participants had to cross various obstacles and finish the race. But the robo-cars had to be handmade and built as per the specifications of the race. The event was a massive success among the students as it witnessed enormous participation and enthusiasm.

There were 16 entries for the race out of which 8 qualified for the next round and finally 4 qualified for the Final round where parameters were on the basis of speed. Intercept555 was declared as the winner of the event whereas High Wheels and Mech Civ stood runner up in the competition. Director (Academics) Prof. (Dr.) S. L. Surana commended the winners and



the organizers for the event and espoused the need of practical implementation of academic principles.

# TEACHERS' DAY CELEBRATION

Teachers' day was celebrated in the college campus on 5 September 2012, by the students of II Year, EE. The students organised games like musical chair for the faculty members. They also hosted cultural programmes like dancing, singing, play, mimicry etc.

# EXPERT LECTURE

An expert lecture was delivered on 'Power System Restructuring' by Dr. M.P. Sharma (M.E., Ph.D. AEN, JNVNU) on 20 October 2012 at SKIT. The students were made aware of the economic decline of the power sector in India, which necessitates the restructuring of the existing system according to the present demands and future expansion of the network.

# PS-CAD WORKSHOP

Recently a new simulation software, PS-CAD, was purchased by the Electrical Engineering department. A two day workshop on 10 and 11 January 2013 was organised to explain all significant practical features of PS-CAD to the faculty members.

# AICTE GRANT

All the patience and perseverance of the faculty members and students of Electrical department got an appreciation in the form of a handsome amount of money, i.e. 1.25 Lakhs as a grant by AICTE. It is another milestone achieved by the department. Now moving one step further, the EE Deptt. and IE student chapter of SKIT are utilizing this grant in organizing a national conference on 'POWER SYSTEM OPERATION AND ENERGY MANAGEMENT: VISION 2020'. It is a 2 day national conference to be held on 16th and 17th Feb. 2013, and is sponsored by AICTE in association with IE (Institution of Engineers, India). The organizing committee for this event comprises the following members :

**Convener** : Prof. Ramesh Pachar, Head, Electrical Department, SKIT

**Organising Secretary** : Mr. Sarfaraz Nawaz, Associate Professor, SKIT

**Co-ordinator** : Mr. Ankush Tandon, Assistant Professor, SKIT

Apart from paper presentations there will be lectures by eminent speakers from IITs, NITs and PSUs.

## PLACEMENT DETAILS

| S.No | BATCH | Name of the Company/Industry | NO.OF STUDENTS | PACKAGE |
|---|---|---|---|---|
| 1 | 2013 | Infogain India Pvt. Ltd, New Delhi | 19 | 4.00 |
| 2 | 2013 | Wipro BPO | 20 | 1.80 |
| 3 | 2013 | Indian Navy* | 10* | 5.22 |
| 4 | 2013 | Innoraft Solutions | 06 | 3.50 |
| 5 | 2013 | Qed42, Pune | 08 | 3.75 |
| 6 | 2013 | Kyrion Digital Securities Pvt. Ltd, Delhi | 10 | 3.82 |
| 7 | 2013 | Data64 | 05 | 4.50 |
| 8 | 2013 | Data64 | 01 | 10.00 |
| 9 | 2013 | Auriga IT Consulting Ltd., Jaipur | 01 | 2.50 |
| 10 | 2013 | InTime Tec., Jaipur | 04 | 2.40 |
| 11 | 2013 | FranConnect India Software Pvt. Ltd. | 06 | 3.00 |
| 12 | 2013 | Bosch Ltd,* | 22* | 3.00 |
| | | Total | 112 | |

* Interview Pending

- A campus recruitment training program for VI semester students of CSE, IT and ECE started in the campus from 9 January 2013 as per the time slots scheduled in respective time tables to enhance employability of the students.

## WORKSHOP ON CYBER CRIME SECURITY

A 2 day workshop on Cyber Crime Investigation & Cyber Forensics was conducted by Data 64 in association with Asian School of Cyber Laws for 2013 batch students on 9-10 January 2013 in college campus. Students were also issued a certificate of participation.

## A HUNDRED RUPEE VENTURE

**It's a venture, let's get, set and go,**
**Let's give it a try, let's give it a blow.**
**Money is what we have to grow,**
**It's all thumbs up, no room for no.**
**Just go for it, your ideas would flow,**
**Pennies and pounds will surely glow.**

On Sunday, 25 November 2012 TOPAZ, the E-cell of SKIT, organised a 'Hundred Rupee Venture' exercise for students. This activity saw a great buzz as all the students were eager to register themselves and start their one-day venture.

The pre-briefing session for the exercise was conducted by Prof. M. L. Bhargava, Advisor, SKIT and Ms. Maneesha Kaushik, Training and Placement Officer. Prof. Bhargava discussed the ethics associated with business and explained how to pursue a business venture.

The activity was organised keeping in view the following objectives:-

1. To understand the process of entrepreneurship.
2. To transform apprehensions into enthusiasm.
3. To fine tune presentation skills - 5 minute pitch.
4. To set the stage for writing a business plan.

Though the very idea of a business venture sounds very dazzling, a pinch of rules and regulations makes it all the more challenging. The participants were instructed to follow the following rules:-

1. Participants need to form groups of a minimum of 2 and maximum of 5 members.
2. Each group can put in Rs.100 only as the initial investment.
3. The groups must use the initial investment.
4. Every member must be involved in the activity.
5. There are no restrictions on what the teams can do with the money to make profits (provided it is legal, ethical and moral).
6. Each group requires to make a 3-slide 5 minute pitch of their one-day venture.

The event was judged by Ms. Preeti Singh, NEN co-ordinator and head, Rajasthan Chapter, Mr. Adarsh Pandey, Associate Professor, MBA, SKIT and Mr. Harminder Singh. The debriefing session of the exercise was conducted by Ms. Maneesha Kaushik, co-ordinator, EDC, TOPAZ. She explained the procedures and the challenges of the activity.

As glittering trophies and awards are one of the important highlights of any event, the 'Hundred Rupee Venture' exercise also saw the teams emerging as winners among a total of ten teams. The prizes were given in the following four categories:-

1. TOPAZ Entrepreneur Award (Overall Best Performance)
2. Innovative Entrepreneur Award (Most Innovative Idea)
3. Big Bucks Award (Most Profitable Idea)
4. Exceptional Entrepreneur Award (Best Revenue Model)

The event was a huge success. It was hosted by Rajdeep Sukhwal and Ankul Jain and was co-ordinated by the E-leaders.

## E-LEADERS' MEETING

TOPAZ, the E-cell of our college, organized a meeting on 25 October, 2012 to decide the upcoming activities of the cell for the E-leaders. The meeting was presided over by Ms. Preeti Singh, an NEN consultant and head, Rajasthan chapter. The main agenda of the meeting was to short-list all the activities to be organized during the year. The E-leaders were apprised with the mission of the E-cell to learn, help and create. Various activities viz. movie screening, 100-rupee venture, interviewing entrepreneurs, launching campus companies and the like were proposed for the coming session.

Ms. Maneesha Kaushik, Training and Placement Officer, SKIT, acquainted the E-leaders with the activities and programs held by TOPAZ in the past five years. She also threw some light on the structure of the governing body of TOPAZ and ways to make the cell a brand in itself.

After an enriching meeting, all the E-leaders felt highly motivated to take up their tasks and fulfill their duties in the truest sense of entrepreneurship.

## WORKSHOP ON PROJECT FUNDAMENTALS

TOPAZ, the E-cell of our college, organized a workshop on project fundamentals on 25 October 2012 for the students of first year to groom them about the functioning of TOPAZ and to tell them about the importance of an entrepreneurship development cell (EDC) in our college.

The motivating session was presided over by Ms. Preeti Singh, an NEN consultant and head, Rajasthan chapter and Prof. M L Bhargava, advisor, SKIT who equipped the students with the basics of entrepreneurship.

Ms. Preeti Singh told the students about what it means and takes to be an entrepreneur. She shared some stories and anecdotes to explain how TOPAZ can help them by providing an exposure and mentoring for any sort of idea. She asked the students to be enthusiastic in their approach to achieve their goals.

Mr. Bhargava highlighted the importance of entrepreneurial skills in one's life. He said that it should be the industries asking for hiring the students and not students begging for jobs. For this scene to be realized, we need to acquire these skills. He also laid out about the ten traits of an entrepreneur which are required to scale insurmountable heights.

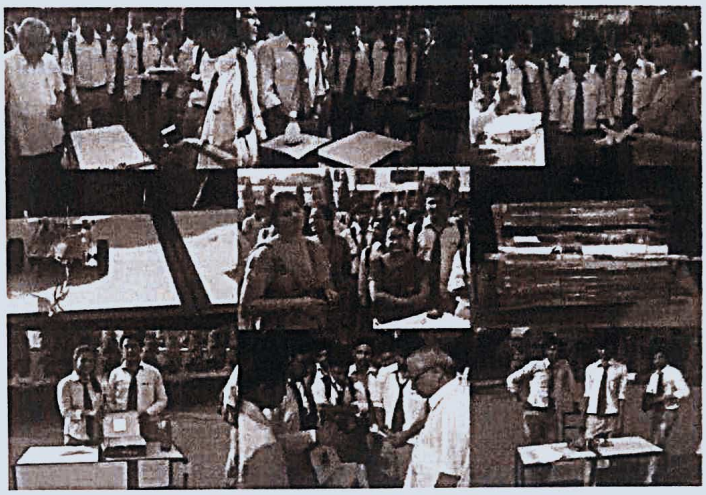
The workshop was attended by some faculty members as well as nearly 150 students. The huge presence of the audience made the program a success.

## MOU RENEWED WITH INFOSYS LIMITED

SKIT had signed a mutual agreement of understanding with Infosys Limited in the Campus Connect Programme on December 23, 2004 and the same was subsequently renewed on 23 December 2007 and 23 December 2010. The MoU has further been extended for a period of two years.

## AN ARRAY OF EXTRA-CURRICULAR EVENTS

This new session is brimming with the aftereffect of varied extra-curricular activities that gripped the campus with its zest and talent. A bee-line of events under the technical and non-technical banners took the students in their stride, where the fervor was infectious. Dr. Vinita Sharma, Reader, Dept. of Chemistry proved her extra-curricular acumen in systematically organizing the events by segregating the responsibilities to the respective club co-coordinators. Wednesdays and Thursdays gained a cultural momentum and the seminar halls and OAT echoed with the ceaseless applauses of the audience. The session commenced with a nail-biting inter-branch basket-ball tournament, where Civil and Mechanical branches stood 1st and 2nd respectively. Under the umbrella of Technical events, CS-IT, EC, EE and ME Departments hosted subject-oriented quizzes that witnessed a huge participation, duly conducted by their faculty co-ordinators: Mrs.Anjana Sangwan (CS), Mr.



Praveen Jain (EC), Mrs. Smiriti Jain (EE) and Mrs Sarita Chaudhary (ME). To enhance and explore the creative and engineering instincts of invention in the students, Mrs. Smiriti Jain successfully organized a project-making competition dealing with the subject of utilization of solar energy. Similarly Mock Tests based on GATE and PSUs were also conducted under her leadership. Robotics club emerged with flying colors where the students presented their robotic projects under the banner of SAC and supervised by Mr. Sarfaraz Nawaz.

On the cultural front, previous year came out with its agility in presenting events like solo dance, group, solo singing, rangoli and sketching competitions. The open-air theater spilled over with the students clinging on to the parapets and struggling to grab a foothold somewhere in the audience. Participants exuded extra-ordinary confidence in flawlessly matching their dance-steps in co-operation as well as competition. Similar was the case in the rangoli completion where the colour spoke the language of creativity. This burst of riot into colours was skillfully managed by their club co-ordinators: Mrs.Chitra Manro, Dr.Shalini Shekhawat, Ms. Sheetal Verma and Mr. Ankush Tandon.

IMAGES flagged off the session by asking the students to let their imagination run wild. Conducting the competition, Dr. Nidhi Sharma flashed some images on the screen and asked the participants to concoct a story based on their individual interpretation. Subsequently, the club staged a play entitled "Where there is a will, there is a way" to whet the speechmaking talent of the students. The play unraveled the dubious conditions into which society often drives an individual. The details of the events conducted during the semester July-Dec 2012 are mentioned as below:

| Sl.No | Name of the Event | Winners | Year | Prize | Faculty Co-ordinators |
|---|---|---|---|---|---|
| 1. | On the spot pencil sketch | 1. Aditi Gupta | II Yr EC | 1st | Dr. Shalini Shekhawat (Maths)<br>Ms. Chitra Manro (Physics) |
| | | 2. Nitiksha Rathod | I Yr EC | 2nd | |
| | | 3. Akash singh | I Yr CS | 3rd | |
| 2. | Rangoli competition | 1. Nikita Panwar | I Yr Civil | 1st | Dr. Shalini Shekhawat<br>Ms. Chitra Manro |
| | | 2. Meenakshi Sharma | II Yr EC | 2nd | |
| 3. | Beat the Height | 1. Akansha gupta | II Yr CS | 1st | Mr. Praveen Jain(EC) |
| | | 2. Ankita gupta | II Yr CS | 1st | |
| | | 3. Rajat Gupta | I Yr CS | 1st | |
| | | 4. Shubham Kucheria | I Yr CS | 1st | |
| | | 5. Mayank Pal S.Kanwar | I Yr CS | 1st | |
| | | 6. Shubam Shukla | I Yr CS | 1st | |
| | | 7. Prashant Kotharia | I Yr CS | 1st | |
| | | 8. Shubam Deo | IYr CS | 1st | |
| 4. | Group Dance Competition | 1. Freaks of beats | | 1st | Mr. Ankush Tandon(EE) |
| | | 2. Classic pearls | | 2nd | |

| | | | | | |
|---|---|---|---|---|---|
| 5. | Electrical Technical Quiz | 1. Reshu Mittal | III Yr EE | 1st | Ms. Smriti Jain (EE) |
| | | 2. Mukesh Gurjar | II Yr EE | 1st | |
| | | 3. Garvish Garg | I yr EE | 1st | |
| 6. | CS-IT Technical Quiz | 1. Ashish Mittal | III Yr. CS | 1st | Ms. Anjana Sangwan (CS) |
| | | 2. Nikita Maheshwari | II Yr CS | 1st | |
| | | 3. Monu Bansal | II Yr CS | 1st | |
| | | 4. Damyanti Kanwar | II Yr IT | 1st | |
| | | 5. Harshita Kataria | II Yr IT | 1st | |
| | | 6. Neha Yadav | III Yr IT | 1st | |
| 7. | ASME Technical Quiz | 1. Govind Singh | IIIYr ME | 1st | Ms. Sarita Chaudhary (ME) |
| | | 2. Nasir Khan | IIIYr ME | 1st | |
| | | 3. Ajit Yadav | IIIYr ME | 1st | |
| | | 4. Deepak Yadav | IIIYr ME | 1st | |
| | | 5. Mohd.Junaid Khan | I Yr ME | 2nd | |
| | | 6. Priyanshu Jain | I Yr ME | 2nd | |
| 8. | EC Technical Quiz | 1. Keshav Joshi | II Yr EC | 1st | Mr. Praveen Jain (EC) |
| | | 2. Rajat Rrora | II Yr EC | 1st | |
| | | 3. Puneet Purohit | II Yr EC | 1st | |
| | | 4. Jitendra Kr. Jain | II Yr IT | 1st | |
| 9. | Project Making Competition (Electrical) | 1. Bharti Krishna | II Yr EE | 1st | Ms. Smriti Jain (EE) |
| | | 2. Shivani Khara | II Yr Civil | 1st | |
| | | 3. Ankit Jangid | I Yr EE | 2nd | |
| | | 4. Janit Garg | II Yr EE | 2nd | |
| | | 5.Pritesh Mundra | II Yr EE | 3rd | |
| 10. | EC Technical Quiz | **(Mock Test I for GATE)** | | | Ms. Smriti Jain (EE) |
| | | 1. Kuldeep Kaushik | | 1st | |
| | | 2. Sachin | | 2nd | |
| | | 3. Pradeep Mahiya | | 3rd | |
| | | **(Mock Test II for PSUs)** | | | |
| | | 1. Kapil Rastogi | | 1st | |
| 11. | Inter-Branch Basket-ball Tounament | 1. Civil | | 1st | Mr. Heera Lal (Sports) |
| | | 2. Mechanical | | 2nd | |
| 12. | Solo Singing Competition | 1. Swati Garg | I Yr | 1st | Ms. Sheetal Verma (EC) |
| | | 2. Shwetank Jain | I Yr | 2nd | |
| | | 3. Abhishek Panchariya | I Yr | 3rd | |
| | | 4. Tinu Bhandari | I Yr | 3rd | |
| 13. | Mehandi Competition | 1. Resham Agrawal | IYr EE | 1st | 1. Dr. Shalini Shekhawat (Maths)<br>2. Mrs.Chitra Manro (Physics ) |
| | | 2. Rashami Sharma | II Yr CS | 2nd | |
| | | 3. Soniya Kumawat | II Yr CS | 2nd | |
| | | 4. Akshita Jain | IYr CS | 3rd | |

| | | | | | |
|---|---|---|---|---|---|
| 14. | SAC (Speed and Control) | 1. Rahul | I Yr EE | 1st | Mr. Sarfaraz Nawaz (EE) |
| | | 2. Rahul Sharma | I Yr EE | 1st | |
| | | 3. Rahul Tiwari | I Yr EE | 1st | |
| | | 4. Manoj Taneja | IYr CE | 1st | |
| | | 5.Sohil Ahmed | IYr EE | 2nd | |
| | | 6. Zuber Alam | IYr EE | 2nd | |
| | | 7. Rishabh Kumar | IYr EE | 2nd | |
| | | 8. Ranjit Singh | IYr EE | 2nd | |
| | | 9. Tarun dadlani | IYr ME | 3rd | |
| | | 10. Rajendra Singh | IYr ME | 3rd | |
| | | 11. Shubham Jangid | IYr ME | 3rd | |
| | | 12. Gaurav Dutt | IYr CE | 3rd | |
| 15. | Story Writing Competition | 1. Pulkit Solanki | I Yr CE | 1st | Dr. Nidhi Sharma(English) |
| | | 2. Rishabh Joshi | I Yr ME | 2nd | |
| | | 3. Anchal Garg | IYr, CS | 3rd | |

## MOVIE SCREENING

TOPAZ, the E-cell of our college, organised an event of movie screening on 31 October, 2012. The movie shown was 'The Best Exotic Marigold Hotel' directed by John Madden which attracted the students and the faculty members alike. It was organised to apprise the audience with what it takes to plan your budget, convince your customers and run a business efficiently. The audience showed a great interest in the movie and found it both inspiring and entertaining with a touch of humour. The most interesting part of the entire event was the quiz at the end of the movie. The audience was eager to answer the questions. Both the students and the faculty members actively participated in the quiz and won goodies and vouchers.

The event was overseen by Ms. Maneesha Kaushik, co-ordinator, EDC, TOPAZ. The entire team of TOPAZ was applauded for taking this event to the level of an extravaganza and making it a huge success.

## RESEARCH PAPERS PRESENTED

**Title** : Certain Triple Integral Relation Involving Multivariable H- Function
**Conference** : National Conference on Computational and Mathematical Sciences
**Date** : 30 Nov.-1 December, 2012
**Venue** : Vivekanand Institute of Technology. Jaipur
**Presenter** : Dr. Shalini Shekhawat, Lecturer, Dept. of Mathematics

**Title** : Innovative Techniques for Teaching English to Second Language Learners
**Conference** : International Conference on Empowering the English Language Classroom
**Date** : 18-19 January, 2013
**Venue** : Malaviya National Institute of Technology, Jaipur
**Presenter** : Dr. Niraja Saraswat, Reader, Dept. of English

**Title** : The Sexual Politics: Human Trafficking inside the Business of slavery
**Conference** : UGC sponsored National Conference on Human Trafficking: A Humane Perspective
**Venue** : Nehru Studies Centre, University of Rajasthan, Jaipur
**Date** : December 22-23, 2012
**Presenter** : Dr. Nidhi Sharma, Sr. Lecturer, Dept. of English

**Title** : Electrochemical Study of Ti(I)Complexes of Pyridine in Water &Aqueous Ethanol Media
**Conference** : New Directions in Chemical Sciences , NDCS
**Date** : 7-9 December 2012
**Venue** : Indian Institute of Technology, Delhi
**Presenter** : Dr. Vinita Sharma, Reader, Dept. of Chemistry

**Title** : Corporate Entrepreneurship and role of

Information Technology in Employee Retention

Conference : National Conference on Human Resource Management : Challenges, Opportunities and their relevance in Indian Society

Date : 22 - 23 January,2013

Venue : Faculty of Commerce, S.S. Jain Subodh P.G. College, Jaipur

Presenter : Ms. Maneesha Kaushik, Training & Placement Officer

Title : Nanofluids for Heat Transfer Applications: A Review

Conference : All India Seminar on Nanotechnology Applications

Date : 6-7 October, 2012

Venue : MNIT, Jaipur

Presenter : Mr. Dinesh Kumar Sharma , Lecturer , Dept. of Mechanical Engineering, Dilip Kumar Garg ,V sem., Kaushik Trivedi V sem. ME

Title : Advances in Automobile with Nanomaterials

Conference : All India Seminar on Nanotechnology Applications

Date : 6-7 October, 2012

Venue : MNIT, Jaipur

Presenter : Mr. Dinesh Kumar Sharma, Lecturer, Dept. of Mechanical Engineering

Title : Biodiesel Production in India

Conference : National Conference on "Recent Innovations in the Power Generation Trends to Meet Global Energy Demand"

Date : 23-24 December, 2012

Venue : Shrinathji Institute of Technology and Engineering, Nathdwara

Presenter : Mr. Dinesh Kumar Sharma, Lecturer, Dept. of ME, Dilip Kumar Garg, V sem. ME, Kaushik Trivedi V sem. ME

## REASEARCH PAPERS PUBLISHED

Title : Impact of Politics on Caste and Gender in Nayantara Sahgal's Rich like Us

Published : The Criterion, An International Journal in English, quarterly refereed and indexed open access Journal. Dec. 2012, Vol.III, Issue IV, ISSN 0976-8165.

Author : Dr. Nidhi Sharma, Sr. Lecturer, Dept. of English

Title : Innovative Techniques for Teaching English to Second Language Learners

Published : International Journal of English and Literature (IJEL), ISSN (Print):2249-6912 ; ISSN(Online): 2249-8028 ; Impact Factor (JCC) : 2.6987, Vol.3, Issue1, Mar 2013,83-88

Author : Dr. Niraja Saraswat, Reader, Dept. of English

## INVITED LECTURE

Title : Greywater Reuse in Schools and Colleges for Sustainable Water Management in National Conference on Environmental Pollution – Challenges and Remediation

Date : 19-20 October 2012

Venue : Marudhar Engineering College, Bikaner

Speaker : Prof. Sangeeta Vyas, Dept. of Chemistry

## PAPER REVIEWED

Title : Determination of AS(III) by Differential Pulse Polarography in the Waters of Camarones Area, Chile Journal: International Journal of Environmental Analytical Chemistry, Taylor & francis Group

Reviewer : Dr. Vinita Sharma, Reader, Dept. of Chemistry

## CONFERENCE/ WORKSHOP/ TRAINING ATTENDED

Workshop : Training Programme on "Information Security on Virtual Training Environment"

Venue : Department of Electronics and Information Technology (DEITY), Ministry of Communications and Information Technology, New Delhi

Date : 15 – 25 January, 2013

Attended by : Mr. Naveen Jain, Sr.Lecturer, Dept. of [illegible]T

Title : Orientation course for National Service Scheme programme officers

Date : 7-13 January, 2013

Venue : Centre for Management Studies, HCM Rajasthan State Institute of Public Administration, Jaipur

Attended by : Dr. Lalit Gehlot, Sr. Lecturer, Dept. of English

Webinar : IUCEE Virtual Academy Webinar on Energy Systems

Venue : Department of Mechanical Engineering, SKIT

Date : January 9, 2013

Attended By : All faculty members, Department of ME

Seminar : All India Seminar on Nanotechnology Applications

Venue : MNIT, Jaipur

Date : 6-7 October, 2012

Organized By: MNIT, Jaipur and Inst[illegible]n of Engineers

(India)
Attended By : Mr. Manoj K. Sain ,Reader & Mr. Ankit Agarwal, Sr. Lecturer, Dept. of ME

Seminar : Seminar on SolidWorks 2013
Venue : Hotel Park Prime, Jaipur
Organized By: Cadapult Technologies
Date : 21 November, 2012
Attended By : Mr. S. B. Bheem,Reader, Mr. Manoj K. Sain, Reader, Mr. Praveen Saraswat, Lecturer, Mr. Sandeep Bhaskar, Lecturer, Dept. of ME

## STUDENTS' PARTICIPATION

Conference : ASME CONCLAVE-2012
Venue : India Habitat Centre, New Delhi
Date : 13-14 October, 2012
Organized By : ASME
Attended By : Atul Agarwal (Final Year) represented SKIT as Chairperson of SKIT ASME student section

Conference : National Conference on Youth Democracy and Human Rights
Venue : Kanoria College, Jaipur
Date : 30 Nov. 2012
Organized by : People's Union for Civil Liberties (PUCL),
Attended by : B. Tech. I year NSS members

## BOOK PUBLISHED

Title : Noise, Vibration and Harshness
Author : Mr. Manoj K. Sain, Reader, Dept. of ME

## INSTITUTIONS VISITED

Institution : California Institute of Technology, Los Angeles, USA
Date July 2, 2012
Visited by Prof. Alok Mathur, Dept. of ME

Institution Chapman University, California, USA
Date July 5, 2012
Visited by Prof. Alok Mathur, Dept. of ME

## INDUSTRIAL VISITS

Organized by : Dept. of Mechanical Engineering
Date : 8 September 2012
For : IV year
Industry visited : BOSCH Jaipur
Supervised by : Mr. Vishal Vijayvargiya, Lecturer, Mr. S. B Bheem, Reader, Mr. Anandi Lal Kumawat Lecturer, Dept. of ME

Organized by : Dept. of Mechanical Engineering
Date : 5 & 10 September 2012
For : II year
Industry visited : RSRTC Central Workshop
Supervised by : Mr. Dinesh Kumar Sharma and Mr. Bhaskar Sharma, Mr. Monu Gupta Lecturer, Dept. of ME

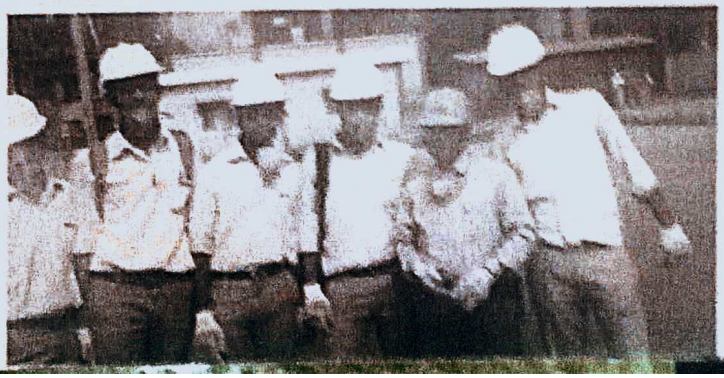
Organized by : Dept. of Mechanical Engineering
Date : 5 & 10 September 2012
For : II year
Industry visited : RSRTC Central Workshop
Supervised by : Mr. Dinesh Kumar Sharma and Mr. Bhaskar Sharma, Mr. Monu Gupta Lecturer, Dept. of ME

Organized by : Dept. of Mechanical Engineering
Date : 23 October 2012
For : II year
Industry visited : SARAS Dairy, Jaipur
Supervised by : Mr. Dinesh Kumar Sharma and Mr. Sandeep Kumar Bhaskar, Lecturer, Dept. of ME

Organized by : Dept. of Civil Engineering
Date : November 2012
For : II year
Industry visited : Ultra-Tech Cement Manufacturing Plant situated near Kotputli
Supervised by : Prof. L.N. Dutt, Head, Mr. Dipendra Singh and Mr. Manmohan Sharma, Lecturer, Dept. of CE

Organized by : Dept. of Electrical Engineering
Date : 26 September 2012
For : III year
Industry visited : Kalptaru Power Transmission Ltd. (7.8 MW Biomass Power Plant), Umrana, Raj.
Supervised by : Mrs. Smriti Jain, Mr. Deepak Pareta, Lecturer, Dept. of EE

Organized by : Dept. of Electrical Engineering
Date : 17-22 Jan. 2013
For : III year
Industry visited : Parle, Neemrana, ERIP Park, Neemrana, Havells Electricals, Neemrana, Anchor Power Ltd., Delhi, BHEL, Haridwar, Rajaji Hydro Power Plant, Haridwar
Supervised by : Ms. Kavita Jain, Mr. Deepak Pareta, Mr. Hemant Sharma, Lecturer, Dept. of EE



# TECHNIGENIUS

## CYBER CRIME AGAINST WOMEN IN INDIA

Cyber crime is a global phenomenon. With the rise of technology, cyber crime and victimization of women are high and pose a major threat to their security. The new trend is observed that even illiterate women are falling prey to cyber crimes. Another disturbing factor is the alarming rate of divorce in the country, which is also fuelled by some of the cyber crimes committed on women. Many chat-based friends or Facebook-hooked buddies today enjoy teasing their lady friends by using words such as "awesome body", "sexy", and "attractive" etc., which are actually the beginning of obscenity. They slowly take their female friends into confidence and start discussing about their own problems like a true homely friend. The emotionally oppressed or family-wise depressed Indian woman is a soft target. These guys then turn their successful Net-based friendship into a strong bond and gradually proceed to send obscene or derogatory remarks and lascivious talks. It is also seen that if the recipient shies away, the sender of such messages becomes more encouraged to continue further. The problem would be arrested or solved only if the victimized lady reports back immediately or warns the abuser against the advances he is making and reminds him of strong action she can take under the law.

Even though India is one of the very few countries to enact IT Act 2000 to combat cyber crimes, issues regarding women still remain untouched in this Act. It terms certain offences as hacking, publishing of obscene material in the net, tampering the data as punishable offences. But the grave threat to the security of women in general is not covered fully by this Act.

Cyber bullying can affect everyone, including children. Safety Web provides support for parents to improve internet safety for kids.

**Types of cyber crime that are committed against women:**
Amongst the various cyber crimes committed against individuals and society at large the crimes which can be mentioned as specially targeting women are as follows: –

- **Harassment through e-mails** is not a new concept. It is very similar to harassing through letters. Harassment includes blackmailing, threatening, bullying, and even cheating via email. E-harassment is similar to harassment through letters but creates problems quite often when posted from fake ids.

- **Cyber stalking** is one of the most talked about net crimes in the modern world. The Oxford dictionary defines stalking as "pursuing stealthily". Cyber stalking involves following a person's movements across the Internet by posting messages (sometimes threatening) on the bulletin boards frequented by the victim, entering the chat-rooms frequented by the victim, constantly bombarding the victim with emails, etc. Cyber stalking usually occurs with women who are stalked by men, or children who are stalked by adult predators.

- **Cyber pornography** is the other threat to female netizens. This would include pornographic websites; pornographic magazines produced using computers (to publish and print the material) and the Internet (to download and transmit pornographic pictures, photos, writings etc).

- **Cyber defamation**: Cyber tort including libel and defamation is another common crime against women in the Net. This occurs when defamation takes place with the help of computers and / or the Internet. E.g., someone publishes defamatory matter about someone on a website or sends e-mails containing defamatory information to all of that person's friends.

- **Morphing:** Morphing is the editing of the original picture by an unauthorized user or fake identity. It was identified that female pictures are downloaded by fake users and again re-posted/uploaded on different websites by creating fake profiles after editing it. This amounts to violation of I.T. Act, 2000 and attracts sec. 43 & 66 of the said Act. The violator can be booked under IPC also. The Times of India reported that in October, a Delhi-based beautician told the police that her photograph had been flashed on a porno portal along with her mobile number.
- **Email spoofing:** A spoofed e-mail may be said to be one, which misrepresents its origin. It shows its origin to be different from where it actually originates. A review in CyberlawTimes.com shows that India has crossed the danger mark in cyber crime targeting women and children.

In general, the computer is a resort for an idle woman. Since the impersonator isn't in public, they feel anonymity works to their advantage and that they are safe. If they succeed in their first attempt, they are immediately hooked on to it. there's no looking back for them and soon it becomes an addiction, then virtual connects are closer than physical people.

**Do's and Don'ts**

- Don't ever put too much personal detail on Facebook, Google+, LinkedIn or other social networking sites as it

might get misused.

- Always make two kinds of online presence: a professional presence for your colleagues and clients, and a private presence for socializing. The presence should be with some online identity that consists of a dummy profile photo and details.
- Do not reveal your mother's name or your personal tastes, distastes, hobbies, which can be used to profile you and segregate you for targeted cyber crimes.
- Don't ever post your personal memoirs like snaps, where you are partying, or where you are on vacation. This helps to further profile you.
- Ensure that your private moments or bedroom pictures are not on your computers, which are hooked to the Internet and specifically on computers, where you download torrents.
- While in a hotel or in changing rooms of malls, ensure to check for a two-way mirror.
- Ensure that your Webcam on computer is plugged out when not in use, and mobile phones with camera are kept in reverse direction.

Indian women netizens are still not open to immediately report the cyber abuse or cyber crime. The biggest problem of cyber crime lies in the modus operandi and the motive of the cyber criminal. Cyber space is a transit space for many people, including offenders. While people do not live in cyber space, they come and go like any other place. This nature provides the offenders the chance to escape after the commission of cyber crime. Many websites and blogs provide security tips for the safety of women and children on the Net. But still cyber crimes against women are on the rise.

**MS. SANJU CHOUDHARY & MS. RICHA RAWAL**
**Lecturer, Dept. of CS/IT**

# "YOUR PASSWORD IS DEAD"

Passwords, their impregnability is a myth. The idea that you can devise passwords to keep hackers away is an outdated, old-fashioned belief akin to protecting a city with a wall. The most common trick hackers use is the 'reset password' functionality that most websites provide. Most email accounts have straightforward methods of authentication that can be circumvented bya determined hacker. Even a two-factor authentication method – where a password reset involves a code sent to the account owner's mobile phone – can be bypassed.

The biggest weakness in any security system is the HUMAN MIND. Any authentication method that is acceptable to a 65 year old user will fall in seconds to a 14 year old hacker. Anybody could be a victim because of carelessness with email accounts, but mostly celebrities are the most targeted ones. The only way of being secured is that websites should make strong authentication standards a priority. When asked how she herself kept her email account secure, a security firm head replied that she did so by not having one!

**TANVI ARORA**
**III B. Tech., CS**

# SMART GRIDS

The occurrence of power outage in the whole of Northern India in 2012 left 300 million people without power for 15 hours and even disrupted the normal functioning of the national capital. Grid failures have become frequent in India these days and have triggered major problems in the country. They reflect the inadequacy of India's infrastructure and have a negative impact on the country's economic activity. The current electrical power scenario in India stresses the need for integration of technology that enables efficient management of the use of power. The question however remains what steps are being taken to strengthen the system and avoid another blackout.

Through an audit of the protection systems, a fundamental re-engineering and restructuring process needs to be commissioned to curb over drawing of power. Energy losses in India's transmission and distribution sector exceed 30%, which is one of the highest in the world. Up-gradation in transmission and distribution systems coupled with the need to reduce electricity losses and theft is driving the future road map of smart grid technology in India. The real challenge in the power sector in India lies in managing the up-grading of the complex transmission, distribution and metering methods efficiently and compiling it with the existing network.

Shri Re ji Kumar Pillai, president of 'India Smart Grid Forum' observes "Indian power sector must leverage smart grid technologies to alleviate the perennial problems of the sector – huge transmission & distribution losses, power cuts, poor quality of supply and equipment failure. Smart grids can provide end to end visibility of the system in real time that will facilitate effective management of all sources of generation, transmission, distribution and consumption of electricity; and also contribute to optimized asset utilization, increased employee productivity and better customer service." For the same cause 'Smart Grid India Energy Efficiency Optimization' summit will be held on 20 & 21 February, 2013 in New Delhi that will throw light on the need to adopt grid and meter technologies that will pave the path to energy efficiency in India. The summit will host speakers such as Shri Re ji Kumar Pillai, Mr. Thor Hjartarson alongside Shri Tarun Kapoor from The Ministry of New and Renewable Energy and Shri V. Arunachalam from CPRI.

**MS. NIHARIKA GOTHERWAL**
**Lecturer, Dept. of EE**

# KALEIDOSCOPE

## ANGRY YOUNG MEN

Nowadays, we see a lot of rage in the youth of the country. There are protests under a leader or without one. But there is one thing which strikes the mind of an 18 years old boy: why don't these protests yield a result? Every effort gets diluted and eventually comes to naught. The reasons are not clear to me. The first reason that we get (by reading newspapers and watching T.V.is that the government system is malfunctioning .It means that the people whom our elders have elected are not able to do their duty. So one can say that either the situation defies a solution altogether or that the fault lies with the electors who chose people who made a system like this.

I was talking about the rage in the people (specially the youth) and their protests. I agree that there is a need to get worried. But as they net savvy they dilute the issue with worthless commenting and abuse. There is a need to choose an effective means to talk to the system makers and put views before them. Just being angry all the time will not work. There is a need to work in a mature way. If you don't agree to something, give it a rational and polite rebuttal.

**GAUTAM KR. THAKUR**
**I B.Tech., ME**

### SOMETIMES I WONDER

Sometimes I wonder....Sometimes I think
Just a pair of eyes, together they blink...

Always very near....Always very close
Hand in hand, like petals of rose...

Nothing like ego....Nothing like fight
Together the pair shows a path of light...

Together they smile...Together they weep
In the world of dreams, together they sleep

Never they hide....Nor they lie
Like the most beautiful friends, the promises never die

Together like buddies...Together like friends
Nothing changes ever and never,
While one becomes weak and another eye lands

Atul Asiza, I B.Tech., ME

## HOW AM I IMPROVING MY ENGLISH ?

This question arose in my mind just after I faced an interview for the Indian army. My simple answer was that I hadn't tried to speak ever before, and the environment in which I was living might be a reason for that.

That day I decided to do something to overcome this problem. An idea struck my mind and I called two of my friends to my home. We made a plan to group together for two hours every day and try to speak in English. Later two other friends also joined in and we became five.

We prepared a format for this two hour special class. The class was divided in four parts-

a. Word collection
b. Extempore speaking
c. Group discussion
d. Speech.

In the first part, every one of us dictates ten new words with their meanings and the others jot them down. The resources may be newspapers, magazines, movies etc.

In extempore speaking every member is provided a word and he has to explain it immediately. After that we have a group discussion for 30 minutes. Finally, one member takes a turn to deliver a speech of 3 to 5 minutes and the others give him their feedback.

Initially our classes ran very effectively, but after six or seven days there was disruption. Some members started to abstain and sometimes they would come without proper preparation. So to resurrect its effectiveness, we started to impose a fine for being absent or unprepared. We buy snacks and tea with this money. In this way a better environment is created for us.

I realised the benefit of this class when I faced our H.O.D in an interview. This time I was feeling comfortable with my English. Yet some mistakes were taking place; but the good thing is that I was able to detect the errors. I thanked my team for this.

So in this journey of learning English I don't know my exact location; but I am sure that I am moving in the right direction and I have a long way to go.

ABHISHEK KUMAR DUBEY
III B.Tech., ME

## I JUST TRIED TO BE HONEST

In this world of chaos and unrest,
Out of everyone I tried to be someone.
I ended up being no one
because I just tried to be honest.
I told them my vice and virtue
And what I feel and pursue;
They said it was a hornets' nest;
But I just tried to be honest.
I said I hate those rules
They said I was one of those intelligent fools;
They said I didn't deserve what I get,
I said I just tried to be honest.
I said the system put me in hell,
I didn't rise but only fell;
They said I am a pessimist
But I just tried to be honest .
Everyone had the emotion hidden,
Unlike me ,they were not outspoken;
They didnt stir up a hornets' nest,
Unlike me they were not honest.
I viewed this sunrise as sunset,
I failed in my quest;
But I was just trying to be honest.

Nivedita Jha, I B.Tech., ECE

## CHILDHOOD

'Childhood' can be defined as the period from birth to the teens. These are the most joyful, enthralling and memorable days of life. We enjoy every experience because it is new. We retain memories of some of them all our lives. I also have memories of an incident which happened when I was six.

There was a function at home and all my cousins had gathered there. We, the kids were playing with pillows and our elders were enjoying themselves in their own way with the other relatives. Suddenly my brother hit me and I fell down. There was an iron rod placed nearby. I fell on it and it pierced deep into my right cheek. I was immediately taken to hospital. This is the most memorable incident of my childhood because I have that cut mark still on my face.

These days parents pressurize their children into studies at a very early age. The weight of the bags is greater than the children themselves. Books are loaded on them and they are told to be nothing but toppers in their class. Parents don't realise what torture they cause to their kids this way. Every child has the right to live his childhood. They will have to face competition in every phase of their life later on but their infancy will never come back.

SHALINI THAKUR
I B.Tech., EC

## DREAM BIG DREAMS

Challenges are high, dreams are new
The world out there is waiting for you
Dare to dream, dare to try,
No goal is too distant, no star too high
What has made the stones to rise to be skyscrapers?
What has made man fly in the sky like birds?
What has made far distant places of the world just a call away?
What has made the bulb, the computers, the wonders of the world?
They all were dreams pursued in right earnest which emerged as reality

Before proceeding for any great journey you must have a dream, a vision that helps you to take the first step. You must cherish your visions and dreams as the blueprints of your ultimate achievements. No person has done anything great without first dreaming great dreams. Let your mind go. Think outside the lines. And don't let anyone ask you to think small. There is almost nothing that you can't do. Look at the gifts and talents God has given you and follow your heart. Live outrageously beyond your wildest expectation. Most people have no idea how far below their potential they are living. God has created everyone with almost unlimited possibilities. Think in terms of your highest potential. Nothing in this world is perfectly done. Everything in the world remains to be done or done over.

- The greatest picture is not yet painted.
- The greatest play is not yet written.
- The greatest poem is unsung.
- There isn't in all the world a perfect railroad nor a good government, nor a sound law.
- Physics, Mathematics and especially the most advanced and exact of the sciences are being fundamentally revised. Chemistry is just becoming a science.
- Psychology, Economics and Sociology are awaiting a Darwin, whose work in turn is awaiting an Einstein!!

We are in total need to seek the greater gifts, not the lesser ones. Desire for excellence and growth: aim for the top in everything you do. Don't miss the opportunity to become the person you are meant to be. If you want to climb a hill, don't think waiting will make it smaller. Start working today. Do what you can at this moment. Don't worry about what you can't yet do. Tomorrow will come soon enough.

RAJDEEP SUKHWAL
II B. Tech., ECE

# PRAYER FOR A NEW DAWN

India is a place where a girl is neither safe inside the womb nor outside. I think rape is the most brutal act .I was used to be a proud citizen of my country, but now I feel ashamed. I feel ashamed because I live in a society where man's desire is more important than a woman's respect. I am ashamed of being a male. For the very first time in my life, I am not able to look straight into the eyes of my mother or any other woman. My heart aches a lot after hearing all the suffering you went through, being a girl.

In newspapers we daily find a lot of rape cases. Sometimes I think.....Can someone's sexual desires be more than a girl's life, her respect and her feelings???? If the answer is 'yes', then I would really like the Indian government to legalize prostitution. I know that it is not a part of Indian culture, but neither is rape. So to get a little change and to make things right from the worst, we will do anything.

I hope when prostitution is legalized, there will be a huge decrease in the rate of rape cases. At the end I would like to apologize for my ignorant behaviour for all these years, as I am a man and enough matured to realize my responsibilities towards the citizens of this country.

But now I want all the victims to know, that they haven't died for nothing. All of them have awakened the souls of millions of Indians including me. I have taken my first step ahead by writing this article even though knowing that this is not enough to ensure that such incidents will not happen in future.

**VANSH SOOD**
**III B.Tech., EE**

# FAILURES ARE THE STEPPING STONES TO SUCCESS

Greenhorns look upon a failure as a calamity. Some go under or give up, others sink in blues; some even go to the length of ending life. Attitude matters. If one thinks that one has burnt all his boats, he goes into depression and gets mentally paralyzed. If one looks at it as a temporary setback, he rises above it. Such a person looks upon failure as a challenge and an opportunity. He rises again like the legendry phoenix which rises from its own ashes! The number of times you try is not important; the important consideration is the intelligence with which you try and, above all, what you yourself discover from your tries. Failure is a training ground. "Our greatest glory is in never failing but in rising after every failure".

Dependence has a weakening effect on character. It is better to throw away the 'crutches' and face the obstacles, drawing on your own inner resources. Success grows out of struggles to overcome obstacles. If there were no obstacles, there would be no success. Success comes after wrestling with insurmountable obstacles and failures. Do not lose faith in yourself; however heart breaking the failure is.

Life's greatest asset is faith; without it, there would be no progress, no attempts or trials into the unknown, no confidence in one's self or in the future. It gives hope and confidence and the will to carry through impossible situations. A failure is an opportunity to prove how strong you are. Difficulties strengthen the mind, as labour does the body. Every trial carries some form of error. No attempt is a complete failure. No failure is without some benefit.

**DIKSHA VERMA**
**I B. Tech.,**

# MORALITY

Morality refers to the principles with the help of which an individual can make distinction between right and wrong. Religion is one of the greatest sources of moral values. It has its own set of do's and don't's. The followers of a particular religion generally make a show following that religion's behavioural code. As the society changes, so will our moral values. The change in morals is inevitable.

But today's world is facing a problem as people are losing their morals. There are several reasons behind this. One of the reasons is that in today's world money matters a lot. To earn money people could be doing things that are morally wrong. The second big reason is the expansion of western culture. Westernization has greatly affected our traditions, our customs, our love and respect for other. Westernization is often considered synonymous with m nization. One of the greatest consequences of western on is that the concept of joint family is fast decreasing and yone wants to stay aloof .Earlier the elders of the fa used to teach their grandchildren morals and sansk The western world is looking towards India with its vast ulture and traditions, but Indians themselves are losing their values. No doubt western culture is modern and has taught us to be self dependent; but it won't help us to blindly follow it and loose our own cultural and traditional values.

**APOORVA TIWARI**
**I B.Tech., IT**

# अभिव्यक्ति

"या अल्लाह ! या मौला ! रहम कर...,
शुक्र कर, मलम कर,
बन्दे पे अपने नजर कर, हर पल कर, मदद कर"

बेतकरीब उलझने हैं, हैं कई अनगिनत सवाल मेरे...
लाचारी नहीं छायी है, ना आये जो अब जवाब तेरे...

तुझमें जो हम दूर हुये हैं, क्यों हम इतने बुरे हुये हैं
दुर्गति जो हमारी हुई है, क्यों बुद्धि ये भ्रष्ट हुयी है।

आज देख ये दूरी, इस दुनिया का छल, ये आँसू आँसू भर-भर रोती है।

लाशों की छलत है बेछल, मासूम बच्चे है फटेहाल
देश से रक्त है भ्रष्ट , धनोल्म से नहीं है नष्ट
इसकी संस्कृति से गई है दागी और गरीब आवाम से नहीं है बागी
इंसानियत की रूह नहीं है घायल, सभी से गये है लालची और कपटी
अपनी सुरक्षा पे लग गये सवालिया निशान,
अपने ही कर रहे हैं अपनों का विनाश
ये देख भी लोग चैन की नींद क्यों सोते हैं
खुद भले ही ना बदले, देश बदलने की बात करते हैं।

नेहा कपूर, वरिष्ठ व्याख्याता, कम्प्यूटर अभियांत्रिकी

## " ये कैसा जमाना "

ये कैसा जमाना आता जा रहा है
इंसान को इंसान ही खाता जा रहा है।
दानवता की गाज का भयभया शोर है
जहाँ देखो वहां भ्रष्टाचार बहुत घोर है।
कहीं से नहीं लूट पाट, कहीं मार-पीट है
छल कपट भारी है, स्वार्थ बनी जीत है
अपना परिवार देखे, बाकी जाये भाड़ में
देश सेवा भूल रहे, ध्यान मोटा माल में
ये कैसा जमाना आया मेरे हिन्दुस्तान में
इस मानव आज कैसा दानव होता जा रहा है
माँ बहनों की लाज को लजाता जा रहा है
देश की पवित्र संस्कृति को मिटा
दुराचारी आचरण को अपनाता जा रहा है
आदर्शता का विनाश करता है
दीन और निर्बलों को सताता जा रहा है
पवित्र रिश्तों को कुचलता है
प्रेम में ईर्ष्या के जहर मिलाता जा रहा है
पैसों के लालच में अंधा होता जा रहा है।
ये कैसा जमाना आता जा रहा है।
इंसान को इंसान ही खाता जा रहा है।

सुरेश चन्द्र मीणा, मैम, एम.के.आई.टी

## "कहानी बदलते भारत की"

आपको एक बात बताता हूँ, अपने भारत देश की बात सुनाता हूँ,
अपनी कमजोरी से आपको अवगत कराता हूँ।

हमारा देश लड़ा है गुलामी की घाटियों में,
बर्बाद से रहा है बचपन, बाल शादियों में,
आधुनिक युग में भी देश लड़ा है निरक्षरता की पहाड़ियों पे,
जिसमें घट रहा है लिंग अनुपात इन वादियों में,
लड़कियों की मौत हो रही है अस्पताल के गलियारों में,
और लड़कों की खुशी मनाई जा रही है
ढोल थालियों की गड़गड़ाहट में,

लड़कियाँ खुद को लड़कों से आगे बता रही है
इस परीक्षा के परिणामों में
फिर भी वे बोझ समझी जा रही है घर परिवारों में,
कुछ डॉक्टर भूल गए है अपनी मर्यादा को,
कर रहे हैं भ्रूण हत्या, बेच अपने ईमानों को,
मात्री ही खत्म कर रही है अपने अंश को,
वंश के चक्कर में पड़ रही है कंश को।

क्या हो गया है देश के जनमानस को,
क्यों कर रहे है निर्ममता के कर्म को,
अनपढ़ ही नहीं पढ़े लिखे भी कर रहे है इस कुकर्म को।

होगा अब हमें आगे बढ़ना होगा करने सुकर्म को,
हमारी बुद्धि को करना होगा मजबूर सही दिशा में सोचने को,
पुरानी कुरीतियों से हमें बाहर निकलना होगा
झकझोर के अपने दिल को,
ताकि आगे बढ़ सके देश, छोड़ इन रूढ़ीवादी नीतियों को,
और गढ़निर्मित सोच से मिटाया जा सके इस कलंक को।



सोनम चौधरी, बी.टेक. द्वितीय वर्ष, मैकेनिकल अभियांत्रिकी

## "अपने जवाब की उत्तराकांक्षी"

राग-रागिनी इतने छेड़े, पर इनका कुछ ले न सका
उठा लिए कितनों ने बीड़े, पर इनका कुछ ले न सका,

इतने निष्ठुर, इतने पापी, कुछ इंसा जो बन से गए हैं,
लगता है इस जनसंख्या में, कुछ रावण, कुछ कंस हुए हैं,
स्वाभिमान और स्वविवेक की, निर्मम हत्या कर डाली,
इतनी शिक्षा पा कर भी, मिट्टी संग मिला डाली,
इंसानों के वंशज ले कर भी इनका कुछ ले न सका,
उठा लिए कितनों ने...
छोटी-छोटी नन्हीं कलियाँ, जो खिलने को आतुर हैं,
भोली प्यारी सूरत इनकी बरबस मन को मोहे हैं,
इस पर भी उन्हें तरस न आता, खुद को जाने क्या हैं समझते,
मर्द होने का दावा करके, नपुंसकों सा काम है करते,
सजा सुनाएँ इनको कैसी, इसका निर्णय ले न सका,
उठा लिए कितनों ने बीड़े...

कभी-कभी रोना है आता, और आँखें भर जाती हैं,
हमसे बेहतर पशु है लगते, हम व्यर्थ सर्वोत्तम जाति हैं,
कम से कम शिक्षा अभाव का दुरूपयोग तो नहीं ये करते,
पर ये पापी शिक्षित हो कर ऐसे गंदे काम है करते,
किन कर्मों को लक्ष्य बना कर, ऐसा जीवन इन्हें दिया
प्रभु से पूछे इस सवाल का उत्तर मुझको मिल ना सका,
उठा लिये कितनों ने बीड़े...

कुमार मोहित, बी.टेक. तृतीय वर्ष, मैकेनिकल अभियांत्रिकी

## "और सब कहते हैं ये नया साल है"

2013 एक नया वर्ष, एक नई उमंग, एक नया भारत, लेकिन यदि नीतियाँ नहीं बदली गई तो कुछ भी नहीं बदलेगा। बदलेंगे तो सिर्फ घोटालों के नाम, राजनीतिक वादे, अपराधियों की क्रूरता।

(1)

कि फिर से कोई आम आदमी के जख्म कुतरेगा।
फिर देशशासक कहेंगे, ये देश सुधरेगा।
फिर से कोई अलख देख, ये लगेगा, कि सिलसिला रूक जाएगा।
पर फिर से राजनीति के आगे, सब कुछ झुक जाएगा।
हालात बदलेंगे कैसे, जब नीतियाँ ही बेहाल हैं,
और सब कहते हैं कि ये नया साल है।।

(2)

फिर से कोई शो दिखाकर, सवाल पूछे जायेंगे।
फिर चुनावी दंगल में, करोड़ों लुटाये जायेंगे।
फिर से कोई घोटाला, जग जाहिर हो जायेगा,
फिर से इंसान गुनाह करने में, माहिर हो जायेगा।
फिर से पार्टियाँ सवालों के तीर चलाती जायेंगी,
फिर से हड्डियाँ नारी की, नीर में गलाए जायेंगी।
इज्जत और इंसानियत का यहाँ पड़ा अकाल है,
और सब कहते है कि ये नया साल है।।

(3)

ये साल भी अच्छा होने की, आशा में कट जायेगा,
आरक्षण का ये मुद्दा, हर जुबां में रट जायेगा।
मां की इच्छा का दीपक, अब फिर से जल जायेगा।
मैं बड़ा बनूँ, पैसा लाऊँ (धनवान बनूं) उसका दिल ये चाहेगा।
पर इस देश में तो, गरीब बहुत गरीब एवं अमीर मालामाल है,
और सब कहते है कि ये नया साल है।।

अनुराग गर्ग, बी.टेक. तृतीय वर्ष, संगणक अभियांत्रिकी

## " संदेश घायल सिपाही का "

ओ साथी मेरे घर में तुम संदेश पहुँचा देना
मुँह से किसी से कुछ ना कहना, इशारों में समझा देना
हाल जो मेरे पिता पूछे, तो घर का जलता दिया बुझा देना
हाल जो मेरी माता पूछे, तो सूनी गोद दिखा देना।

हाल जो मेरे भैया पूछे तो दाहिनी भुजा कहीं दिखा देना
हाल जो मेरी बहना पूछे, तो राखी लौटा देना
हाल जो मेरी बीवी पूछे, तो माँग की सिंदूर मिटा देना।
हाल जो मेरा बेटा पूछे, तो खून से रंगी वर्दी दिखा देना

हाल जो मेरी बेटी पूछे, तो घर के चूल्हे की आग बुझा देना
हाल जो गाँव वाले पूछे, भारत की आन और तिरंगे की शान दिखा देना
हाल जो मेरे गुरूजन पूछे,
तो 26 जनवरी को मिलता सम्मान दिखा देना
ओ साथी मेरे घर में तुम संदेश पहुंचा देना
मुँह से किसी से कुछ न कहना, इशारों में समझा देना।

खुशबू कुमारी,
बी.टेक. प्रथम वर्ष, इलैक्ट्रीकल एवं कम्यूनिकेशन अभियांत्रिकी