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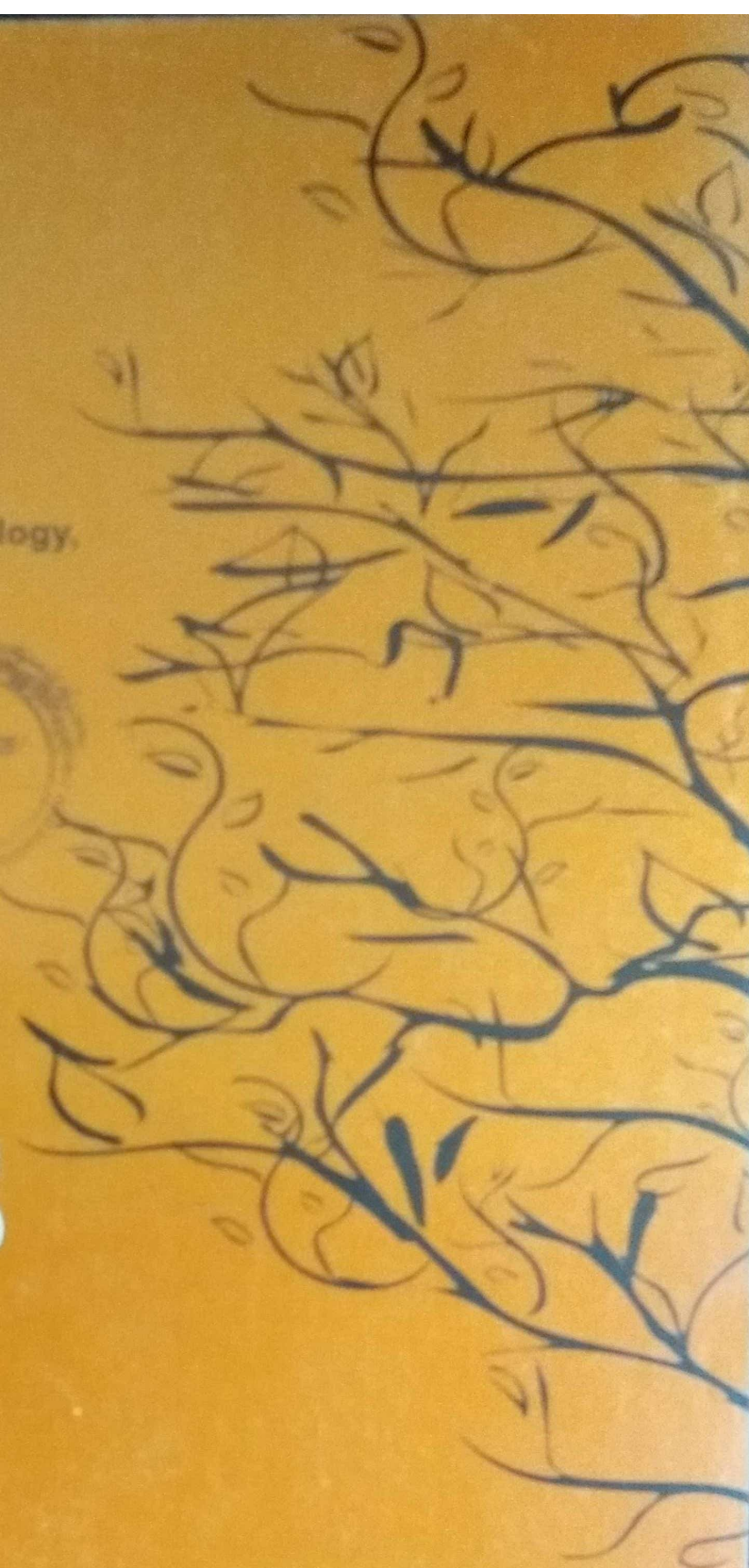


Swami Keshvanand Institute of Technology,  
Management & Gramothan

# THE SKIT TIMES

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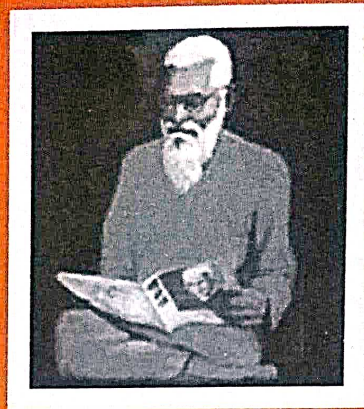
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## OUR MENTOR & PATH FINDER



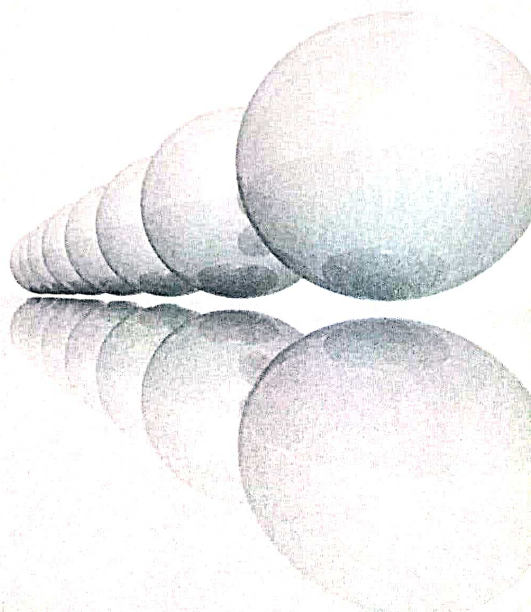
Swami Keshvanand Ji  
(1883 - 1972)

## 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.



# EDITORIAL

Dear Readers

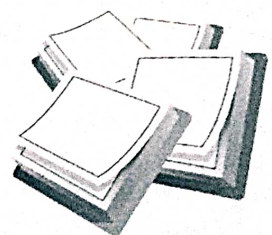
Books! The very word arouses a variety of reactions in people. Sometimes interesting, sometimes predictable but often disappointing. Today there are few readers and fewer bibliophiles. The students in present time read when they have to and when they need to. That comes under college assignments, the newest comics, the graphic novels and so on. Some of them would read the newest literature on subjects like philosophy, fantasy and fiction. The latter is more popular. The readers can also be classified into two camps: those who read for pleasure and those who read to keep up. The former is smaller than the latter. Those who read to keep up mostly do so because of peer pressure, the concept of image and reputation or to have something to talk about.

The very concept of reading seems to elude the young generation, unsurprising in this day and age when everything is spoonfed with platinum spoons. The books have faded in people's memory, giving way to movies, games, audio books and other distractions today's life style can conjure up. But as Angela Philip rightly remarked, "Neither a subsistence farmer nor a graduate can fulfil his or her potential without the cognitive growth that comes from reading widely and people will not read further than their immediate needs if they are not given reading habits." Such a cognitive growth will enhance an individual's personality and will benefit the economy of the country as well.

Hence it is necessary to spread the word, to create a general awareness of the importance of books as books develop initiative, originality and character besides providing entertainment, instructions and valuable experiences.

Happy Reading!

Niraja Saraswat  
Editor-in-chief



# CAMPUS VIBES

## ORIENTATION OF B.TECH. I YEAR STUDENTS

Academic session for B.Tech. I year started on 26 August 2011 as all the seats were filled in the very first phase of the counselling conducted by Rajasthan Technical University, Kota. In order to acquaint the batch of B.Tech. (2011-2015) with the institution, orientation programme was organized on 25 August 2011.

On the first day the seniors welcomed the first year students on the SKIT campus by performing Tilak Ceremony. The programme was marked by the presence of dignitaries including Prof. R. P. Yadav, Vice Chancellor, Rajasthan Technical University and Prof. Anil Mathur, Controller of Exam, Rajasthan Technical University.

On the occasion Prof. (Dr.) S. L. Surana, Director (Academics) addressed the new students about vision and mission of SKIT. He expressed that technology is changing and expanding everyday and engineers need to put their contribution for augmentation of it. He asked students to put their holistic devotion in studies as well as in extracurricular activities.

Mr. K. R. Bagaria, Director talked about the significance of decision making in college life and promoted the idea of being logical and realistic in life. Mr. Surja Ram Meel, Chairman motivated the students to aim for higher goals and to strive for excellence. Prof. Anil Mathur, Controller of Exam, Rajasthan Technical University detailed about the curriculum and examination system of the university. He assured that the new changes in functioning of RTU will bring out the positive results and the students will get their results timely.

Prof. R. P. Yadav, Chief Guest of the occasion congratulated the students for seeking admission in SKIT. He insisted that with positive attitude and excellence life should be led. Prof. S. K. Calla, Principal and Director (D&W) proposed a vote of thanks to the dignitaries. The second half of the session had mesmerizing speech by Prof. Ramesh Arora, HCM, Raj State Institute of Public Administration. He kept the audience spellbound with his talk on positive appearance, happiness, satisfaction which can bring profound change in life. He asked students to maintain 'Bliss Book' and to acknowledge Almighty for whatever has been granted. Prof. Archana Saxena, Incharge, B. Tech. I year proposed a vote of thanks to the dignitaries. An information booklet containing the details about different clubs, time table, anti-ragging squad was also distributed to the students. The programme ended with majestic cultural performances by seniors.

## BLOOD DONATION CAMP

SKITians have always put in their endeavours for community service. In the same spirit, a blood donation camp was organized for another consecutive year on 1 October 2011. It was held in collaboration with Redcross Society, Lions Club Jaipur, SMS Blood Bank, Santokba Durlabhji Memorial Hospital, Jaipur and Rotary Club, Jaipur, Bapu Nagar.



Chairman Shri Surja Ram Meel, in his welcome address, assured the dignitaries that SKIT students will remain in the forefront in all societal concerns. He reminisced that the tradition of organising blood donation was provoked by Mr. Man Singh in 2002 and since then SKIT has been organising it once a year or sometimes even twice a year. Mr. Mehul Durlabhji, trustee of SDMH and son of Shri Rashmikanth Durlabhji, was the chief guest of the occasion. In his address, he said that donation of blood empowers one to overcome fear. He appreciated that nowadays girls are also coming forward for this noble cause. He also pointed out that eye donation is equally important and should be considered by all. Dr. Sharat Chandra, a highly qualified paediatrician and member of several associations, was the guest of honour. In his speech he said that all kinds of myths are associated with blood donation. He said that one blood donation can help save three lives. He espoused the need of organising more such camps to fulfil the need. SKIT Research Journal's maiden issue was also launched on the occasion. Prof. (Dr.) S.L. Surana, Director (Academics) proposed a vote of thanks to the dignitaries. He expressed his gratitude towards Lions Club, Rotary Club and all dignitaries and also congratulated Mr. Ashish Nayyar, Reader, Dept. of Mechanical Engineering for successfully coordinating the programme. During the camp 703 units of blood was collected. The camp concluded with honouring the guests with a shawl and memento and distribution of gifts to the blood donors.

## NATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING: ISSUES, CHALLENGES, AND DEVELOPMENT

SKIT is always committed to sharing knowledge and openness in order to boost up the students to become global leaders. As a part of this process the dept. of Mechanical Engineering organized a national conference on 'Emerging Trends in Mechanical Engineering : Issues, Challenges, and Development' on 23-24 September 2011 in collaboration with student section ASME & SAE INDIA.

Various eminent personalities from all over India attended the conference and also expressed their views on the topic. Dr. K.N. Sutharamu, the retired Professor of ME, IIT Chennai, an expert in the field of Heat Transfer related Electronic Systems, was the Chief Guest of the ceremony. Prof. M. K. Bhargava and Prof. S. L. Soni were the guests of honour. Other illustrious guests present in the conference were Dr. Dilip Sharma from MNIT Jaipur, Shri Surja Ram Meel, Chairman SKIT, Prof.(Dr.) S.L. Surana Director (Academics), Prof. S.K. Calla, Principal and Director (D&W) SKIT, Prof. Hemlata Dullar, Principal Pharmacy.

In the inaugural ceremony, Shri Surja Ram



Meel, Chairman SKIT extended a warm welcome to all the guests. In his welcome address he expressed his heartfelt appreciation and gratitude for Prof. Banthiya, HOD of ME dept. for successfully guiding the department since 2004. This was followed by Prof. M. K. Bhargava's address to the gathering where he emphasized on the importance of Mechanical Engineering in building the nation and growth of economy. The students were enlightened about the plethora of promising new concepts in ME like Robots and Artificial Intelligence. Prof. S. L. Soni's speech dealing with 'green and clean bio fuels and their development' was also met with great enthusiasm by the students and staff. Dr. K.N. Sutharamu's speech was extremely

informative and inspiring. He encouraged the students to avail all opportunities and believe in their potential. He ended his speech with a motivating message:

***"As we grow, the institution will grow.  
As the institution grows, the nation will grow."***

Finally the vote of thanks by Prof. (Dr.) S. L. Surana, Director (Academics) marked the closure of the inaugural ceremony. He also applauded the unswerving efforts of students for making the event a great success. Thus the conference served as a platform to foster professional and personal growth of the students through interaction with the leading personalities of the field.

## INDEPENDENCE DAY CELEBRATION

The institute celebrated the 66th Independence Day in an atmosphere of patriotism and veneration for freedom fighters. The celebration began with tricolour hoisting by the chief guest. The celebration was culminated in a cultural programme put up by students in the eulogy of the freedom fighters. To enhance quality research work amongst faculty members an initiative has been taken up to distribute certificates and cash awards to faculty members on 15 August and 26 January every year. This year the recipients of the award included Prof.(Dr.) S.L. Surana, Director (Academics), Prof. R. K. Jain (Head, Dept. of Physics), Prof. Archana Saxena (Head, Dept. of Chemistry), Dr. Vinita Sharma (Reader, Dept. of Chemistry), Dr. Sharda Soni (Reader, Dept. of Chemistry), Dr. Praveen K. Jain (Reader, Dept. of Electronics), Dr. Reema Jain (Reader, Dept. of Mathematics), Dr. Pramila Kumawat (Sr. Lecturer, Dept. of Maths), Dr. Sangeeta Gupta (Sr. Lecturer, Dept. of Maths), Mrs. Archana Rai (Sr. Lecturer, Dept. of Mathematics).

## THE ROTRACT CLUB "GRAMOTHAN" LAUNCHED

The foundation stone of The Rotract Club "Gramothan" was laid on 4 September 2011 under the banner of Rotary Club, Bapu Nagar, Jaipur. Rotary clubs are international body and have always been pioneers in social service all around the globe. Be it polio eradication or education for the downtrodden, Rotary Clubs have always been in the service of society. The branch in question was opened to develop the spirit of social service in youngsters. In a very short period of less than a week, the club got more than a hundred registrations which is immensely encouraging.

The club wishes to collaborate with the extra-curricular clubs of SKIT in order to organize socio-cultural events. The first step was taken by organising a tree plantation programme in collaboration with the Eco-friends Club. The club has also collaborated in organizing blood donation camp at SKIT on 1 October 2011. In the coming days the club wishes to organize various programs to instil an awareness of the realities of life and a better understanding of the problems of people. It will thus prove a concrete attempt in making the campus relevant to the needs of the community.

## TREE PLANTATION PROGRAMME



On 4 September 2011, the Rotract Club "Gramathan" & Eco Friends Club, SKIT joined hands to organise a tree plantation programme in the college premises.

The programme was graced by the esteemed presence of the management committee of SKIT group and the members of Rotary Club, Jaipur Bapu Nagar. It began with a warm welcome to all the delegates followed by a healthy interactive session between the students and delegates. Dr. Sudha Calla, President RC, Jaipur, Bapu Nagar, Prof. Sudhir Calla, Principal and Director (D&W) SKIT, Prof.(Dr.) S.L. Surana, Director (Academics), Mr. K. R. Bagaria, Director and Mr. Surjaram Meel, Chairman explained the importance of trees in our lives and encouraged environmental consciousness and eco-friendly initiatives among the students. It was followed by a tree plantation programme in the SKIT backyard. More than 20 trees were planted by Dr. Sudha Calla, Dr. Sudhir Calla, Prof. (Dr.) S. L. Surana, Mr. K. R. Bagaria, Mr. Surjaram Meel, Mrs. Rachna Meel, Registrar, Prof. Archana Saxena, President, Eco Friends Club & faculty members of various departments.

Mrs. Rachna Meel, Prof. Archana Saxena, Head, Dept. of Chemistry and Dr. Sharda Soni, Reader, Dept. of Chemistry thanked the delegates and promised to go hand in hand with them in their mission of social upliftment.

## YUVA PRERNA PRATIYOGITA

SKIT Spiritual Club and Vivekanand Kendra Kanyakumari joined hands to organise a Yuva Prerna Pratiyogita on 21 September 2011. Almost 450 students appeared in the exam. 300 students got selected for one day youth camp which was held on 29 September 2011 at S.S.Jain Subodh College Jaipur. The program was coordinated by Dr. Sharda Soni, Reader, Dept. of Chemistry and Mr. Dharmendra Hirayani, Reader, Dept. of Mechanical Engineering.

## ORIENTATION PROGRAMME ON ENTREPRENEURSHIP

An orientation programme on entrepreneurship for M.B.A and Pharmacy students was organized on 29 September 2011. Students were introduced to the college e-cell and the growing importance

of entrepreneurship in the present economic scenario by Mr. Maneesha Kaushik, Sr. Lecturer, DMS. Prof. M.L. Bhargava, Advisor motivated the students and reinforced the need for various innovative entrepreneurial projects.

## MOU SIGNED WITH IL, KOTA

A mutual agreement of understanding was signed between SKIT and Instrumentation Limited Kota on 21 September 2011. The ceremony was chaired by Mr. P.M.Bhardwaj, Director Instrumentation Limited (a govt. of India enterprise) Kota.

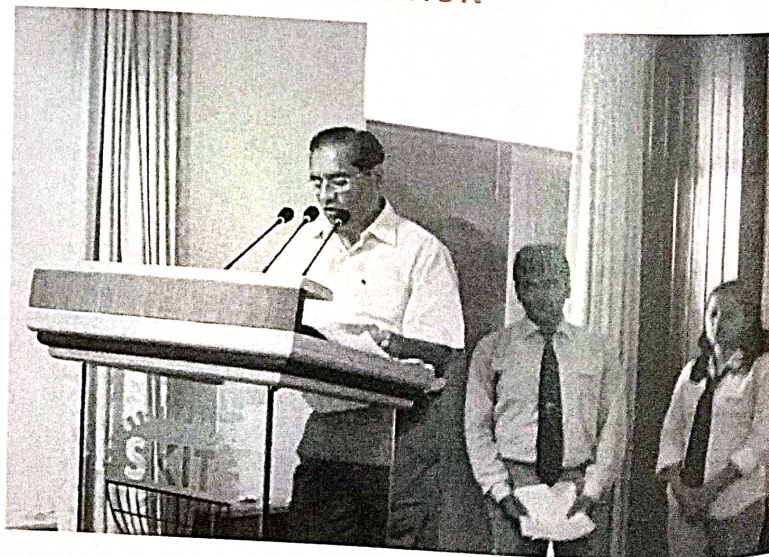
On the occasion Mr. Surja Ram Meel, Chairman SKIT expressed his gratitude for Mr.Bhardwaj and said that with MOU the training centres will be accessible to students which will prove a boon for their career. Prof. M.L.Bhargava, Advisor equated engineers to God and said that joining an industry originates innovation on the part of an engineer and hence engineers should play a pivotal role in research and development. Prof.(Dr.) S.L.Surana, Director (Academics) laid great emphasis on innovations. He expressed his concern over the present education system where knowledge is limited and a student does not reap the benefits of industrial exposure. He assured the dignitaries that SKIT will facilitate several opportunities to carry out the projects.

Mr.Bhardwaj, Director (IL) said that the students are gifted with immense potential and creativity. The need is to bestow them a direction so that their potential may be harvested for nation's development. He said that we should be proud on our heritage and should value time. He insisted on the importance of 'Karma'. Prof.S.K.Calla, Principal and Director (D&W) proposed a vote of thanks to the dignitaries and expressed his deep gratitude for Mr.Bhardwaj.

## MOU SIGNED WITH SEROSOFT SOLUTIONS PVT. LTD.

A mutual agreement of understanding was signed with Serosoft Solutions Pvt. Ltd. Indore. This would enhance the prospects of placement and the practical exposure of students.

## TEACHERS' DAY CELEBRATION



Teachers' day was celebrated with great fervour and enthusiasm on 5 September 2011. The programme was coordinated by Mr. Ankush Tandon, Sr. Lecturer, EE dept. and Ms. Anjali Pandey, Lecturer, CS dept. The celebration witnessed the benign presence of Prof.(Dr.)S.L.Surana, Director (Academics), Prof. M. L. Bhargava, Advisor, Mrs. Rachna Meel, Registrar, Prof. S. K. Calla, Principal and Director (D&W) and faculty members of all the departments. In a thoughtful address to the students, Prof. Bhargava asked the students to imbibe teachings of teachers and pay respect to them with their deeds. Dr. Calla discussed that with expanding technology the innovations have been taking place in teaching-learning process. He urged the students to study wholeheartedly to be successful in life. Prof. N. K. Banthiya, Head, Mechanical Engineering appreciated the efforts of students in carrying out the programme. A cultural programme was also presented on the occasion.

## PROF. BHARGAVA'S ORIENTATION CLASSES

Prof. M.L.Bhargava, Advisor, SKIT, conducted orientation sessions for students of B.Tech. I year in September 2011. He discussed the role of engineers in society and oriented the students towards research and innovations.

## VISIT TO WATER TREATMENT PLANT

A visit to Luxman Doongri Water Treatment Plant, Jaipur was organized on 15 September 2011 for B.Tech. I year students. They were accompanied by members of Eco friends club. Prof. Archana Saxena, Head Dept. of Chemistry, Prof. Sangeeta Vyas, Dept. of Chemistry, Dr. Anurag Sharma, Lecturer, Dept. of Chemistry, Mr. Braj Raj Sharma, Sr. Lecturer, Dept. of Physics coordinated the activity. The students learnt about the process of sedimentation, filtration and chlorination during the visit.

## PROF. G. R. VERMA'S DISCOURSE

A special session by Prof. G. R. Verma a noted mathematician was organized for students of B.Tech. I year. He presented a motivational talk and discussed the importance of mathematics for students. Narrating the excerpts from his own life he shared that mathematicians have contributed with their utmost knowledge. He also enumerated the interesting ways to solve complicated sums.

## FACULTY DEVELOPMENT PROGRAMME

With an objective to produce an able pool of educators equipped with theoretical knowledge and practical competence a Faculty Development programme was conducted over three days from 1-3 August 2011. The programme was sponsored by AICTE and organized by Prof. N.K. Banthia, HOD Mechanical Engineering. 52 faculty members attended the programme and got abreast of analytical, critical, innovative and latest approaches in the teaching-learning process.

## TATA FIRST DOT AND NEN WORKSHOP ON INNOVATION

Tata First Dot, in association with National Entrepreneurship Network, conducted a national level workshop on INNOVATION for 50 budding entrepreneurs in SKIT campus on 1 October 2011. Students from various colleges including the host college

participated in the workshop. The event was co-ordinated by Mr. Neeraj Dhawan, Training and Placement Officer and Ms. Maneesha Kaushik, Sr. Lecturer, DMS.

## SPIRITUAL ORIENTATIONS

- The SKIT Spiritual Club organized a session for B. Tech. I semester students. In the session his holiness Shri Dharmeshji oriented students on the topic of Spiritual Science. Through his teachings he tried to obliterate the misconceptions prevailing about the existence of God. The session concluded with the chanting of Vedic Mantras and distribution of Prasadam. The spiritual sessions are coordinated by Dr. Sharda Soni, Reader, Dept. of Chemistry, Dr. Vinita Sharma, Reader, Dept. of Chemistry, Dr. Pramila Kumawat, Sr. Lecturer, Dept. of Mathematics, Dr. Sangeeta Gupta, Sr. Lecturer, Dept. of Mathematics.
- A spiritual orientation programme was organized on 7 October 2011. In the session Swami Aadhyatmanand, a Mechanical engineer and a renowned person emphasized the need of imbibing moral values to lead a meaningful life. He applauded the cultural and spiritual heritage of India and stressed that it should not only be accepted and retained but also inculcated in our young generation, so that the country could touch greater heights. Swamiji asked students not to falter in their path and pursue their studies with dedication and perseverance.

## RECRUITMENT DRIVES

SKIT T&P Cell guarantees enhanced skills, right corporate exposure and wide learning. Hence it is a matter of umpteen satisfaction that our students under the guidance of Prof. M.L. Bhargava, Advisor, Mr. Neeraj Dhawan, Training and Placement Officer and Mr. Vineet Jain, Training and Placement Officer performed exceedingly well during the following campus drives held from June 2011 to October 2011.

Name of Company	Selections
Tata Consultancy Services	226
Infogain	26
Wipro BPO	41
Secure Meters	04

## PLACEMENT INITIATIVES

- The campus recruitment training was held from 9-13 September 2011 for final year students. The training was also conducted for II year students of EE, ME, EC.
- Soft Skills Training has been organized for III sem. students. The sessions have been taken up by Winfred Crawford through Infosys Campus Connect.
- The students performed magnificently at the IBM Certification Exams held at SKIT campus. In CS/IT batch students got certified in DB2 Technology.

## CARVING A NICHE IN SPORTS

An intra college basketball tournament was organized from 21-28 September 2011. Students of the Department of Electronics & Communication grabbed the first prize and the Department of Mechanical Engineering was declared as the runner up. The various accomplishments are as under:

Best Player Award	:	Radhey Shyam (EE, II B.Tech.)
Best Upcoming Player Award	:	Dharmveer Jadon (CS, I B.Tech.)
Best Rebounder	:	Mahendra Pratap Singh Ranawat (IT, I B.Tech.)
Best Player at Pivot	:	Nishant Arora (EC, II B.Tech.)
Best Shooter	:	Radhey Shyam (EE, II B.Tech.)

Another match of basketball was held between the teams Jannat United and Dallas Mavericks with both sides having star players. Jannat United won the match by defeating Dallas Mavericks. The programme was attended by Prof.(Dr.) S.L. Surana, Director (Academics), Prof. N.K. Banthiya, Head, Mechanical Engineering, Mr. Jaipal Meel, Secretary and several faculty members. All these tournaments were successfully coordinated by Mr. Hiralal Chaudhary, Incharge, Department of Sports and Physical Training.

## GUEST LECTURES IN MBA DEPARTMENT

- Ms. Poonam Jain, the representative of a renowned NGO, delivered a lecture on learning and training on 1 September 2011. She emphasized the habit of developing entrepreneurial behaviour so that the job seeking scenario can be phased out and the job creating move can arrive.
- Department of Management Studies organised a discourse on Behavioural Issues and Relationship Management on 10 September 2011. Mr. Mukesh Jain, a well known visiting faculty member shared his observations on the topic.
- Prof. Ramesh Arora, HCM, Raj State Institute of Public Administration delivered his lecture on Positive Thinking on 20 September 2011. He suggested students to be full of gratitude for God and asked them to maintain a positive appearance. With several anecdotes and stories he asked students to be enthusiastic in pursuit of their goals.

## CYBER SECURITY CLUB

Ethical hacking is a penetration tester. An ethical hacker is usually employed by an organization who can penetrate networks and/or computer systems, using the same methods as a hacker, for the purpose of finding and fixing computer security vulnerabilities. Illegal hacking (i.e. gaining unauthorized access to computer systems) is a crime in most countries, but penetration testing is done on the request of the owner of the targeted system. The Cyber Security Club in our college prepares ethical hackers and is run by professional students. Every week it organizes lectures and talks by researchers or industry professionals on a variety of topics related to information security. The goal of this club is to help one master a repeatable, documentable penetration testing methodology that can be used in an ethical penetration testing or hacking situation. Almost 200 students have registered so far.

## INDUSTRIAL VISIT TO HINDUSTAN COCA-COLA



An industrial visit to Hindustan Coca-Cola Beverages Pvt. Ltd. was organized by the department of Management Studies on 22 September 2011 for the third semester students. Students were accompanied by Mr. Adarsh Kumar Pandey, Reader, DMS and Miss Maneesha Kaushik, Senior Lecturer, DMS. It provided a realistic exposure to the students about the different facets used in the production of Coca-Cola beverages and also their marketing policies and corporate social responsibilities.

## INDUSTRIAL TOURS

To prepare students for global workplaces, illustrate theoretical concepts, make abstract topics/concepts more concrete, industrial tours have been conducted by various departments. Visits include a range of senior executives covering leadership behaviour, policies and systems, organization culture, innovation, sustainability.

Organized by	:	Dept. of Electrical Engg.
Place	:	Jaipur
Date	:	7 September - 12 September 2011
Industries visited	:	132 KV GSS Nayla Power House, Ram Mandir, Shastri Nagar, 220 KV, GSS, Sanganer, 132 KV Hybrid GSS, SMS Stadium.
For	:	III, V, VII Semester.

Organised by	:	Dept. of Mechanical Engg.
Place	:	Ajmer, Udaipur, Jaipur
Industry visited	:	Akshay Patra, Saras Dairy, KEC International limited, Hindustan Zink limited, Secure Meters, R.K. Marbles, Hindustan Machine tools

## WELCOME ARRIVAL

We extend a hearty welcome to all the faculty members who have joined us during the current academic session. We wish them a bright career and a rewarding stay at SKIT.

**Prof. Sudhir Kumar Calla**  
Principal and Director(D & W)

Prof. Calla, a noted industry personnel, an avid reader and a renowned social worker completed his Ph.D. from Malaviya

Regional Engineering College, Jaipur. He has a vast experience of 40 years including his services on the highest positions as Chairman and Managing Director of Rajasthan Rajya Vidyut Utpadan Nigam Limited. For his dynamism, vibrancy and social consciousness he has been honoured with more than 12 awards by prominent organisations. He has authored several research papers which have been published in national and international journals. His range of expertise has enabled him to discharge his responsibilities in various senior positions with distinction. We feel blessed and fortunate under his guidance.

## DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

- Ms. Nidhi Jain (L)
- Ms. Rimjhim Jain (L)
- Ms. Anshika Pandey (L)
- Ms. Jyoti Bhatnagar (L)
- Ms. Pooja Khandelwal (L)
- Ms. Ruchika Khandelwal (L)
- Mr. Kailash Soni (L)

## DEPARTMENT OF ELECTRICAL ENGINEERING

- Mr. Deepak Pareta (L)
- Ms. Niharika Goherwal (L)
- Mr. Ajay Bhardwaj (L)
- Ms. Pooja Jain (L)
- Mr. Manoj Kumar Sand (L)
- Ms. Chhavi Suryendu (L)

## DEPARTMENT OF MECHANICAL ENGINEERING

- Mr. A. K. Mathur (Reader)  
Mr. Mathur completed his B.E. from M.B.M. Engineering College in 1973. He joined M/S Bharat Heavy Electricals Limited at Haridwar in 1975 and served in various capacities in various disciplines. He retired as Additional General Manager in 2010. Students will surely benefit from his deep theoretical and practical knowledge.
- Mr. Sushil Surana (Reader)  
Dr. Surana pursued his B.E. course in Mechanical Engineering. He has a vast industrial experience of almost 33 years including 9 years in textile industry, 9 years in paper industry and 15 years in automobile industry.
- Mr. Deepankar Pacheria (Sr. Lecturer)  
Mr. Pacheria has served as Junior Engineer in Indian Railways and has 3 years of teaching experience.

- Mr. Promod Jain (L)
- Mr. Sandeep Kumar Bhaskar (L)
- Mr. Arun Beniawl (L)
- Mr. Ashutosh Saini (L)
- Mr. Dinesh Kumar Sharma (L)
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- Mr. Lalit Kumar Lata (L)
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- Mr. Pallav Rawal (L)
- Mr. Ravi Kumar Dangayach (L)
- Mr. Hemant Kumar Mittal (L)
- Ms. Ankita Bapna (L)
- Ms. Gloria Joseph (L)

## DEPARTMENT OF MANAGEMENT STUDIES

- Ms. Manisha Kaushik (Sr. Lecturer)  
Ms. Kaushik pursued her MBA in Marketing and Human Resource. She has served as corporate trainer, consultant HR, and as business development manager in HDFC bank. She has also delivered several guest lectures in various prestigious engineering and management institutes.

## DEPARTMENT OF ENGLISH

- Dr. Anupriya Singh (Sr. Lecturer)  
Dr. Singh completed her post graduation and Ph. D. in English. She then obtained a post graduate certificate in teaching English from English and foreign Languages University, Hyderabad and is currently pursuing PGDTE. She has 6 years teaching experience.
- Mr. Kuldeep Singh (L)

## DEPARTMENT OF MATHEMATICS

- Ms. Nivedita Gupta (L)

## DEPARTMENT OF CHEMISTRY

- Ms. Hitakshi Juneja (L)

## DEPARTMENT OF PHYSICS

- Dr. Veenu Sisodia (Reader)  
Dr. Sisodia, a gold medallist in her graduation and post graduation, completed her Ph. D. in Material Science, Surface Interface from the University of Rajasthan. She completed her post doctorate under Dr. D. S. Kothari fellowship of UGC. She cleared NET, pursued MBA in Human Resource and has a diploma in French language. She has published 9 papers in international journals and 7 in national journals. Having a teaching experience of nine years she has presented almost 21 research papers in various conferences, seminars and workshops. We hope that her research and teaching experience will prove a boon for students as well as the institute.
- Ms. Jyoti Parashar (L)
- Ms. Chitra Manro (L)

## BOOKS PUBLISHED

Title : Environmental Engineering and Safety  
Author : Dr. Sharda Soni, Reader, Dept. of Chemistry

Title : Applied Chemistry  
Author : Dr. Sharda Soni, Reader, Dept. of Chemistry

Title : Fundamental of Aerodynamics  
Author : Mr. S. B. Bheem, Reader, Dept. of Mechanical Engg.

## RESEARCH JOURNAL LAUNCHED

To promote innovations and research activities, the debut issue of SKIT Research Journal was launched on 1 October 2011 by Mr. Mehul Durlabhji, trustee of SDMH and son of Shri Rashmikant Durlabhji, Shri Surja Ram Meel, Chairman SKIT, Prof. (Dr.) S.L.Surana, Director (Academics) and Dr. Sharat Chandra. The journal will serve as a platform to put forward research carried out by faculty member and students. We extend heartiest congratulations to the editorial board.

## Ph.D. THESIS SUBMITTED

Mrs. Ona Ladiwal, Sr. Lecturer, Dept. of Management Studies submitted her thesis on 'A Study of Trust Dimensions and Performance' on 1 July 2011 under the supervision of Dr. Harsh Dwivedi, Director, R.A. Podar Institute of Management.

## RESEARCH PAPERS PUBLISHED

- Title : Photo Catalytic Oxidation of Amoxicillin.  
Published : Organic Chemistry : An Indian Journal (VOL. 7(6)), 2011 ISSN No.: 0974-7516  
Author : Prof. Sangeeta Vyas, Dept. of Chemistry
- Title : Removal of Sulphamethoxazole from Water by Adsorption and Photosynthesis.  
Published : Nature, Environment & Pollution Technology (VOL. 10(1)) (PP--51-58) 2011 ISSN No.: 0972-6268  
Author : Prof. Sangeeta Vyas, Dept. of Chemistry
- Title : A Review on Fate of Antiviral Drugs.  
Published : Environment & Detection Techniques (VOL. 1(7)) (PP-1526-1541, 2011) ISSN No.: 0976-4402  
Author : Prof. Sangeeta Vyas, Dept. of Chemistry
- Title : Tilted Bianchi Type V Barotropic fluid Cosmological Models with Variable Bulk Viscosity in General Relativity.  
Published : International Journal of Modern Physics A (VOL. 26(24)), 2011 ISBN 4299-4310  
Author : Dr. Pramila Kumawat, Sr.Lecturer, Dept. of Mathematics
- Title : Uniformly Starlike and Uniformly Convexity Properties Pertaining to Certain Special Functions.  
Published : Global Journal of Science Frontier Research, Volume 11, Issue 7, Version 1.0,2011  
Author : Prof. Rohit Mukherjee, Head, Dept. of Mathematics and Prof. Amber Srivastava, Dept. of Mathematics
- Title : A Class of Convolution Integral Equations and Special Functions.  
Published : Global Journal of Science Frontier Research, Volume 11, Issue 7, Version 1.0,2011  
Author : Prof. Amber Srivastava, Dept. of Mathematics
- Title : Variable Viscosity Effects on MHD Radiative Mixed Convection Past a Vertical Surface in Porous Medium with Heat Sink.  
Published : AMSE, France Volume 79, November 2011  
Author : Mrs. Archana Rai, Senior Lecturer, Dept. of Mathematics
- Title : Fractional Derivative Operator Involving Multivariable Polynomials.

- Published : Journal of Applied Mathematics, Statistics and Informatics, Vol 7, No. 1, 2011  
Author : Dr. Shalini Shekhawat, Lecturer, Dept. of Mathematics

## RESEARCH PAPERS PRESENTED

- Title : Corrosion Inhibition and Absorption Behaviour of Clove Oil on Iron in Acidic Medium.  
Conference : International Conference of ICC  
Date : 11-15 June 2011  
Venue : Bangkok, Thailand  
Author : Prof. Archana Saxena, Head, Dept. of Chemistry
- Title : Uniformly Starlike and Uniformly Convexity Properties Pertaining to Certain Special Functions  
Seminar : National Seminar on Recent Trends in Fluid Dynamics & Optimization Techniques and 15th Prof. P. D. Verma Memorial Lecture - 2011  
Date : 6-7 August 2011  
Venue : University Of Rajasthan, Jaipur  
Author : Prof. Rohit Mukherjee, Head, Dept. of Mathematics and Prof. Amber Srivastava, Dept. of Mathematics
- Title : Radiation Effects on Dissipative MHD Couette Flow in a Composite Channel  
Seminar : National Seminar on Recent Trends in Fluid Dynamics & Optimization Techniques and 15th Prof. P. D. Verma Memorial Lecture - 2011  
Date : 6-7 August 2011  
Venue : University of Rajasthan, Jaipur  
Author : Mrs. Nupur Srivastava, Sr. Lecturer, Dept. of Mathematics
- Title : Radiative Mhd Dissipative Thermal Regime in Porous Medium Due to a Permeable Deforming Sheet: Numerical Solution  
Seminar : National Seminar on Recent Trends in Fluid Dynamics & Optimization Techniques and 15th Prof. P. D. Verma Memorial Lecture - 2011  
Date : 6-7 August 2011  
Venue : University of Rajasthan, Jaipur  
Author : Mrs. Archana Rai, Sr. Lecturer, Dept. of Mathematics
- Title : Some Fourier Series Relations Involving Multivariable H-Function  
Seminar : Advances in Complex Analysis and Special Functions  
Date : 12-13 March 2011.  
Venue : Central University of Rajasthan, Kishangarh  
Author : Dr. Shalini Shekhawat, Lecturer, Dept. of Mathematics
- Title : Teaching Global Communication to Local Learners through Language Games.  
Conference : II International Conference on Embracing Global English  
Date : 4-5 November 2011  
Venue : Vivekanand Institute of Technology, Jaipur  
Author : Mrs. Neha Purohit, Sr. Lecturer, Dept. of English

## CONFERENCE/WORKSHOP ATTENDED

- Seminar : 27th National Convention of Mechanical Engineers and National Seminar on "Advances in MEMS and Robotics in Manufacturing Industries".  
Venue : The Institution of Engineers (India), Rajasthan Centre.  
Date : 3- 4 September 2011  
Attended by : Prof. N.K.Banthiya, Head, Dept. of Mechanical Engineering
- Conference : Climate Change & Renewable Energy  
Venue : Confederation of Indian Industry, Jaipur  
Date : 16 June 2011  
Attended by : Prof. N.K.Banthiya, Head, Dept. of Mechanical Engineering
- Seminar : All India Seminar on New Vistas of Building Construction Techniques  
Venue : Institution of Engineers (India), Jaipur Chapter of VIT (East), Jaipur  
Date : 16 June 2011  
Attended by : Prof. N.K. Banthiya, Head, Dept. of Mechanical Engineering
- Workshop : Intellectual Property Rights  
Venue : MNIT, Jaipur  
Date : 19 August 2011  
Attended by : Mr. Dheeraj Joshi, Reader, Dept. of Mechanical Engineering
- Seminar : Application of Nanotechnology  
Venue : Institution of Engineers, Jaipur  
Date : 28 May 2011  
Attended by : Mr. Dheeraj Joshi, Reader, Dept. of Mechanical Engineering & Mr. Manoj Kr. Sain, Sr. Lecturer, Dept. of Mechanical Engineering
- Seminar : 27th National Convention of Mechanical Engineers and National Seminar on "Advances in MEMS and Robotics in Manufacturing Industries".  
Venue : The Institution of Engineers (India), Rajasthan Centre.  
Duration : 2 Days (3-4 SEPTEMBER 2011)  
Attended by : Mr. Dheeraj Joshi, Reader, Dept. of Mechanical Engineering
- Workshop : Faculty Development Programme  
Venue : Confederation of Indian Industry, Sitapura.  
Date : 30 August 2011  
Attended by : Mr. Ashish Nayyar, Reader, Dept. of Mechanical Engineering & Mr. S. B. Bheem, Reader, Dept. of Mechanical Engineering
- Seminar : 27 National Convention of Mechanical Engineers and National Seminar on "Advances in MEMS and Robotics in Manufacturing Industries".  
Venue : The Institution of Engineers (India), Rajasthan Centre.

- Date : 3 September 2011  
Attended by : Mr. Deepankar Pacharia, Sr. Lecturer, Dept. of Mechanical Engineering
- Seminar : Application of Nanotechnology  
Venue : The Institution of Engineers (India), Rajasthan Centre.  
Date : 28 May 2011  
Attended by : Ms. Monika Khurana, Lecturer, Dept. of Mechanical Engineering & Ms. Savita Choudhary, Sr. Lecturer, Dept. of Mechanical Engineering
- Conference : Climate Change & Renewable Energy  
Venue : Confederation of Indian Industry, Jaipur  
Date : 16 June 2011  
Attended by : Mr. Ajeet Kumar, Lecturer, Dept. of Mechanical Engineering & Mr. Vivek Mertiya, Lecturer, Dept. of Mechanical Engineering
- Conference : Climate Change & Renewable Energy  
Venue : Confederation of Indian Industry, Jaipur  
Date : 16 June 2011  
Attended by : Mr. Vivek Mertiya, Lecturer, Dept. of Mechanical Engineering
- Seminar : UGC sponsored National Seminar on recent trends in Fluid Dynamics & Optimization Techniques and PDVML-2011  
Venue : University of Rajasthan, Jaipur.  
Duration : 02 days (6-7 August 2011)  
Attended by : Dr. Reema Jain, Reader, Dept. of Mathematics

## CHARTER CEREMONY OF ROTRACT CLUB

Rotract Club Gramothan SKIT organised its Charter Presentation Ceremony on 14 October 2011. The program witnessed the gracious presence of Mr. Ratnesh Kashyap, District Governor, Mr. Ajay Bhargava, Secretary, Bapu Nagar, Jaipur, Mr. Rajendra Gupta, Past President RCJ Bapu Nagar, Prof. S. K. Calla, Principal and Director (D&W), Prof. M. L. Bhargava, Advisor, Mr. Jaipal Meel, Secretary and faculty members of various departments. Prof. S. K. Calla in his welcome address said that the presence of District Governor is an honour for the institute. He also appraised guests about the institute and the activities of several clubs. Mr. Ajay Bhargava in his address appreciated the students and faculty members of SKIT for their devotion. Mr. Ratnesh Kashyap, the chief guest of the occasion is a prominent figure who has served in various capacities at Hindalco and RICCO. For his immense contribution, he has been honoured by eminent organisations. He conducted the oath ceremony for President and all other Rotarians. He said that Rotract Clubs are part of a global effort to bring peace and international understanding to the world. These clubs undertake three types of activities in varying degrees: professional development, leadership development and service projects. Presently the club has a membership of 2 lakh and 19 thousand people across 170 countries. The programme got over with vote of thanks by Mr. Rajendra Gupta who acknowledged and appreciated the concern of Shri Surja Ram Meel, Chairman SKIT for welfare of society.

# TECHNIGENIUS

## INSTALLING ANTIVIRUS...!

Antivirus software is used to prevent, detect and remove malware, including but not limited to computer virus, computer worm, Trojan horses, spyware and adware. It is possible for a computer to be infected with new malware for which no signature is yet known to counter such so called zero-day threats. Despite its manifold utility Antivirus software can impair a computer's performance through the inexperienced understanding of the prompts and decisions that antivirus software presents with them. An incorrect decision may lead to a security breach. Antivirus software generally runs at the highly trusted kernel level of the operating system, creating a potential avenue for the attack. Mostly limited to self-reproduction and having no specific damage routine built into the code, whenever the personal computers are touched, then they create virus that manipulate or even destroy data on infected computers.

There were also two antivirus applications for the Atari ST platform developed in 1987. The first in was 'G-Data' and second was 'UVK2000'. Before internet connectivity was widespread, viruses were typically spread by infected floppy disk. Antivirus came into use, but was updated relatively infrequently. During this time, virus checkers checked executable files and the boot sectors of floppy disks and hard disks. Over the years it has become necessary for antivirus software to check an increasing variety of files, rather than just executables, for several reasons:-

- Powerful macros used in word processor application
- Email attachment
- From download of the internet
- From renewable media

## Identification of virus:

There are several methods to identify virus:-

- Signature based detection
- Heuristic based detection
- File Emulation
- Detection of Respiratory viruses by Molecular methods

Some viruses were detected in previous years which were dangerous:-

- November, 10, 1983. At Leigh University, Cohan demonstrates a virus- like program on a VAX 11/750 system. The program was able to install itself to, or infect other system objects.
- In 1987, the appearance of the Vienna virus, which was subsequently neutralized- the first time this has happened on the IBM platform.
- In May, 2000. The ILOVEYOU worm appeared, this was dangerous to businesses, causing upwards of 5.5 to 10 billion Dollars in damage.
- August, 12, 2003. The 'Blaster Worm' rapidly spread by exploiting vulnerability in system services present on windows computer.

Rahul Agrawal, B.Tech. II, CSE

## Ode To My Teacher

*I thank my teacher, for providing me momentum;  
the one which will continue, throughout life and ad infinitum.*

*I thank my teacher, for making me sublime  
for dissolving sugar in my life, to sweeten its rhyme.*

*I thank my teacher, for supplying me with annotations;  
for giving me the taste, of similes and alliteration.*

*I expanded my domain, and broke all eccentricities;*

*I thank my teacher, for boning my abilities.*

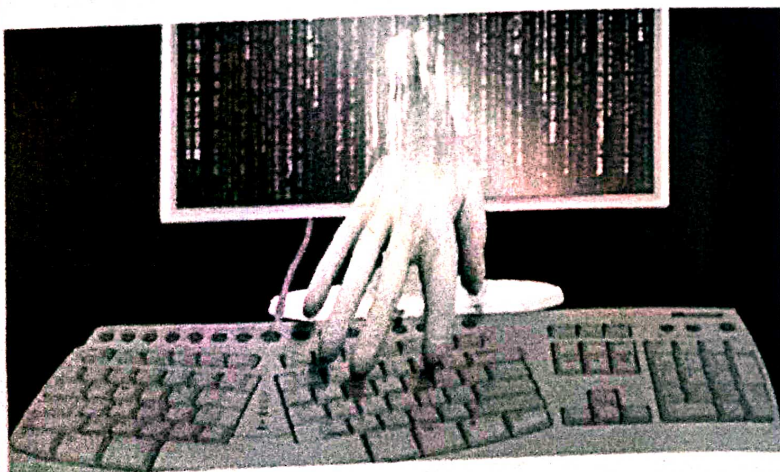
*I attended classes and libraries, which proved to be mnemonic;*

*I thank my teacher, for giving me informant tonic.*

*I thank you all, for carving a dexter out of a prat.*

*I salute thou bravura, for discovering an exemplifying brat.*

Rajdeep Sukhwal, B.Tech. I, EC

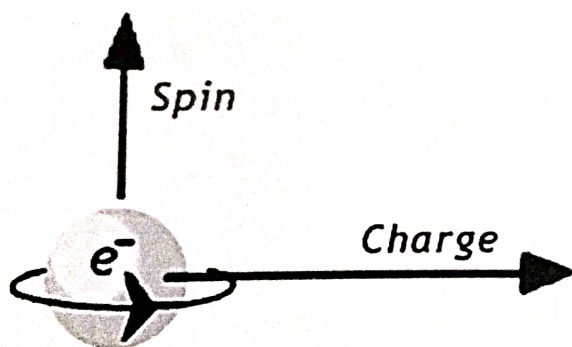


## SPINTRONICS: A SPIN-BASED ELECTRONICS VISION FOR THE FUTURE

Miniaturization has always been a part of rapidly developing electronic industry. But there is a limit to the number of transistors or other electronic components that can be cramped on a single chip. Besides this, small electronic devices are plagued by a big problem of energy loss or dissipation, as signals pass from one transistor to the next transistor. So the only solution to overcome this problem is to find some method that takes both the problems into account. Apart from miniaturization another problem with current devices is that their working is based on the use of electronic charges. This working has several disadvantages, power failure being one of them. In case of a power cut, information stored by electronic charges is lost. Hence before a computer is turned off, all the work is saved on the hard disk. Spintronics or Spin electronics, is one of the solutions to overcome this problem.

Spintronics has been inspired by the discovery of giant magnetoresistance (GMR) in late 1980s, which has been awarded the Nobel Prize in physics in 2007. Spintronics is based on the spin of the electron rather than its charge. Spintronics is the use of electron spin for computation which is a two state system. This two state system is generally referred to as a qubit system. All two state systems are qubits. Electrons are a qubit system. Every electron exists in one of two states, namely, spin-up and spin-down, with spins either positive half or negative half. Thus by exploiting the 'spin' of the electron rather than its charge, physicists are trying to create a remarkable new generation of 'spintronic' devices which will be smaller, more versatile and more robust than those currently making up silicon chips and circuit elements. These Spintronic devices will work in the following manner:

1. Information will be stored (written) into spins as a particular spin orientation (up or down)
2. The spins, being attached to mobile electrons, will carry the information along a wire



Different directions in spin are showing different states for data storage.

Deepak Kumar Gupta, B.Tech. IV, ECE

## CONSERVATION OF ENERGY

The world has finally woken up to environmental concerns such as energy conservation, climate change and global warming. Production of power does create environmental hazards and the best solution is to use power wisely. It is high time that we start saving energy. Promotion of solar and wind energy is the need of the hour.

3. The information will be read at a terminal.

Also, replacing the semiconductor components in a computer with magnetic components would provide more options and feasibility, which was not possible with electronic devices.

### AVOIDING ENERGY LOSS OR DISSIPATION

So far, only superconductors were known to carry the current without any dissipation, which was possible only at extremely low temperatures, typically -150 degree Celsius. And due to this characteristic they could not be used in commercial devices. But by modifying the electron's spin property with a sensitive spin detector, dissipationless spin current could be made to flow even at room temperature. With lack of dissipation, spintronics may be the best mechanism for creating ever-smaller devices.

### ADVANTAGES

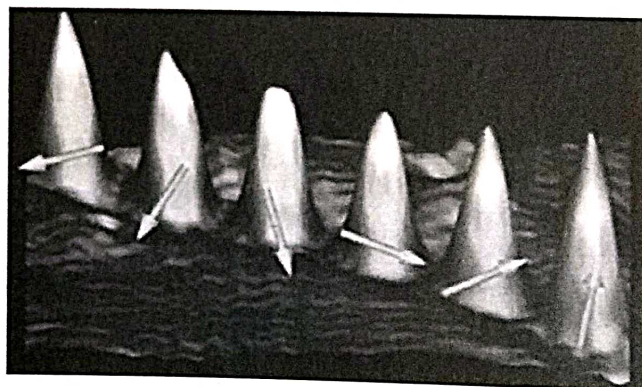
The various advantages of Spintronics are as follows:

- Spintronics does not require unique and specialised semiconductors, therefore it can be implemented or worked with common metals, such as copper, aluminium and silver.
- Spintronics devices would consume less power compared to conventional electronics, because the energy needed to change spin is easy compared to energy needed to push the charge around. Since spins don't change when power is turned off, the memory remains non-volatile.

### APPLICATIONS

- Hard drives up to 1.2 petabytes storage capacity.
- Quantum computers
- Magnetic random access memory
- Reconfigurable logic devices/computing
- Spin field effective transistor.

Spintronics still remains to be far away from being the best friend and source of electronic industry.



Saving electricity is not just good, but it is the foremost requirement of the day. Here are some tips on how to save both the energy and money:

### LIGHTING SYSTEM

- One of the best energy saving devices is the light switch; turn it off when not required.

- Fluorescent tube lights and CFL's convert electricity to visible light upto 5 times more efficiently than ordinary bulbs and thus save about 70% of electricity for the same lighting level.
- As far as possible use task lighting which focuses where it is needed.
- Dirty tube lights and bulbs reflect less light and absorb 50% of it, dust your tube lights and lamps regularly.

## ROOM AIR CONDITIONER

- A good air conditioner will cool and dehumidify a room in about 30 minutes; so use a time and switch the unit off for some time.
- Use a ceiling or table fan as the first line of defense against a summer heat. Ceiling fans for instance cost about 30 paise an hour to operate -much less than air conditioning (Rs. 10 per hour).
- One will use 3 to 5% less energy for each degree the air - conditioner is set above 22°C (71.5°F); so set the thermostat of the room air conditioner at 25° C(77°F) to provide comfort at least cost.
- You can reduce air conditioning energy use by as much as 40% by shading your home, windows and walls.
- Clean the AC filters every month. A dirty air filter reduces air flow and may damage the unit.

## REFRIGERATOR

- Make sure that the refrigerator is kept away from all sources of heat including direct sunlight, radiators and appliances such as oven and cooking range.
- Make sure that the refrigerator's rubber door seals are clean and tight.
- Think about what you need before opening the refrigerator door, you will reduce the amount of time the door remain open.
- Allow hot and warm foods to cool and cover them well before putting them in the refrigerator.

## COOKING

- Use energy efficient chullahs.
- Soak the food ahead of cooking.
- Keeping the vessels closed with a lid while cooking reduces cooking time and energy use.

## RECYCLE PAPER

- Recycle your paper, glass, plastics and other waste.
- By recycling just one glass bottle ,you save enough electricity to power a 100 watt bulb for four hours.
- You can run a TV for six hours on the amount of electricity that is saved by recycling one aluminium can.

Prof. (Dr.) S. K. Calla

Principal and Director (D & W)

## The Payback Time

For past some time I couldn't get along,  
Was just running wild and going wrong.  
I was feeling down and out, as it happens with all,  
But these "well wisbers", these crap talkers caused my fall.  
For all my actions you taunted me like bull,  
And my ears would never get rid of your yell.  
In all this time I have had it all,  
But now I am up and ready to forestall.  
This rhyme has been made to act as a spade,  
To bury them deep and make them creep.  
They need some payback, some real bard thwack,  
As they ain't gonna stop, until I make a pop.  
To your face I put it all,  
Now I call the shots, handle this new straball.  
Just see me shine and see my play,  
As I enjoy the wine and swing and sway.

Gourav Vyas, B. Tech. II, ECE

## Why Is The Fear In My Mind

Fear, Fear, Fear—  
It's all in the mind  
One day it showed its dirty face  
And I lost my lovely race  
Why was that fear in my mind?  
Though I knew that you were kind?  
I am a lonely path of shattered dreams  
It is a heaven that I'm searching for  
All these stars seem dull to me  
It is the moon that I'm searching for  
Happiness is so cross with me  
It is the joy that I'm searching for  
There is a crowd around me all the time  
It is the soul that I'm searching for  
My life is like an endless road  
It is a goal that I'm searching for  
Don't know what it is that I have lost  
May be it's me that I'm searching for

Nishant Arora, B. Tech. II, ECE

# KALEIDOSCOPE

## A 500 RUPEE NOTE

A well known speaker started off his seminar by holding up a 500 rupee note. In a roomful of two hundred people he asked, "Who would like to have this note?" .....Hands started going up. He said, "I am going to give this note to one of you, But first let me do this." He proceeded to crumple up the note. He then asked, "Who still wants it?" Hands still went up in the air. "Well", he replied, "What if I do this?" He dropped it on the table and started to grind it with his hands. He continued till it was completely crumpled and dirty. "Now, who still wants it?" he asked. Still hands went up in the air.

"My friends, you have all learned a very valuable lesson. No matter what I did to the money, you still wanted it because it did not decrease in value. It was still worth RS.500. Many times in our lives we are dropped, crumpled and ground into the dirt by the decisions we make and the circumstances that come our way. We feel as though we are worthless; but no matter what happens you will never lose your value.

Dirty or clean, crumpled or finely creased, you are still priceless to those who love you!!! THE WORTH OF OUR LIVES COMES, NOT IN WHAT WE DO OR WHAT WE KNOW, BUT BY WHAT WE ARE."  
You are special....don't ever forget it.

Tripti Bhatra, B. Tech. II, ECE

## PROBLEMS AS DRIVING FORCE

We often complain about problems in life. However, if problems did not exist, the challenge and charm of life would be gone. Necessity is the mother of invention; problems show us new pathways, taking us closer to truth. The circumstantial complexities make us curious and inquisitive and then the thirst for knowledge makes us keen to understand the truth. Problems make us more compassionate. They help us to be mature, and make us more resistant and at the same time create sensitivity in us. For example if you accumulate wealth and face no problem, you could be rude and unreasonable. Problems make you realize the transient nature of your possessions and bring you closer to a person who has nothing. Death is the ultimate equalizer; had death not been there, life would have been a series of endless torture and exploitation of one by the other. If

we have experienced the pinch of poverty we can easily feel the agony of a hungry soul. In the face of problems we learn to surrender ourselves to a greater reality. In the Mahabharata, Kunti requests Krishna to give her more problems so that she would be impelled to remember him more frequently and intensely.

What about individuals who create problems in our life? We often despise them. Instead we should be thankful to them. Indirectly they contribute to our productivity. Once a devotee asked Ramakrishna, "Why has God created bad people who put forth problems for the good ones?" Ramakrishna promptly replied, if bad did not exist, what would be the importance of good then? The darker shade makes light really bright. Without problems would one be better off? No, for we will then start thinking in a negative manner causing harm to each other and the destructive power of a mind is much stronger than its constructive capacity. What takes decades to build can be smashed within a second. Remember that from mud emerges the beautiful lotus, from the scorching heat comes the shower of relief and from the depth of pain springs joy. Hence accept challenges, embrace problems as it is the driving force to refine your own personality.

Chanchal Garg, B.Tech. II, ECE

## A REVERIE

It was the first time I had woken up from my sleep, squalling and screaming... I was suffocating. I cried but there was no sound...because my throat was choked. Want to know what I saw...then follow me in my dream... Here we go.....

A large door ornamented with an arch engraved over which in bold letters 4 words but somehow I couldn't read them ...Maybe my eyes were reluctant to read or my brain had stopped receiving signals .I was standing just in front of that large gate and could see a huge building behind the gate . I looked here and there for having a pleasure of seeing a living soul...but unfortunately none was there to my relief. Then when I wanted to search my way back to home...I was obstructed by a saintly voice ..."GET IN " it said rather ordered. I wanted to know who owned that divine voice but without giving a second thought to my wanting... I stepped in that premise as if the owner of that voice had hypnotized me.

Moving in a straight line path I confronted another door which was to my relief, was slightly opened ...so I gushed into the same."GOD SAVE ME "I uttered these words once I saw the arena ...A large hall I could see ... which was completely empty ... but soon I realized it wasn't. Yes I am sure... It wasn't empty... because I could hear people. I had the sense of hearing... I heard a human soul... and now... the second one... soon I grasped that the room is full of people. But I could see none .Why?? I too don't know. Those unseen people now started singing a song ... a prayer song indeed. I wanted to leave but my heart denied... may be I liked the song sung in perfect unison, I wasn't scared that much till then... possibly somewhere I knew it is a familiar place . The song ended...another voice among those many people called in a harsh tone...actually he commanded...and now I could hear only the sounds made by scratching of shoes on the floor...I too walked with the noise as if it was my turn to obey the command .

I stopped where the noises walking nearby me stopped. Here again I met with a gate... but this was not that big as the former one... it was a medium sized dull looking gate... a normal one ...inside which I saw an average room with 2 cupboards , a board and a slight portion of the front wall painted black. Suddenly sounds began mushrooming... a great bustle made by metal chairs and table could be heard... I heard a voice in that commotion ... a new voice ... it said "Priya ma'am is absent "... she said it so loudly ... I can guarantee she harmed one of her two vocal chords severely. Not even a second had passed since she finished her last word another voice called " no I saw her ... actually she missed the bus .. and came by her own conveyance ". A nasty tone retorted to the one which saw Priya ma'am "why can't you just shut your eyes ... rather than seeing those dreadful sights". And again the never ending bustle was heard till a directing voice came in proclaiming "good morning "...all the voices which were formally present in the room replied the same but in a tone which sounded like a lullaby. The dominating preferably directing voice then began calling out names and one by one the sounds which were already present in the room replied " present ma'am" .Khushboo - "present ma'am " ; Lavanya - present ma'am ; Mamta - "present ma'am " ; Maahi-"present ma'am"; Megha - .. None replied on that name .... My heart beat grew exceedingly stronger ... without more ado I opened my mouth and uttered "present ma'am "... but she kept calling that name again and again ... I replied her again this time with the highest pitch I could ..but anyhow she didn't hear me ... none did .And a tiny tear trickled from one of my eye ... I got my senses back ...I was awake ... but all I did was crying . Powerless, helpless, unaided cry .When I gained enough strength to ruminate over the nightmare I said to myself "I am not in my school".

My last sentence isn't only grammatically incorrect but logically too. SCHOOL LIFE IS OVER.  
(The four words engraved over the arch were "Sophia Senior Secondary School")

**Megha Maheshwari, B.Tech. II, IT**

### *Laughter*

*Laughter is in the sea, Laughter is on the tree  
Laughter is 'I' and 'we'. Laughter is the cloud's plea.  
Laughter is thunder free, Laughter is love's glea.  
Laughter is pleasant 'she'.*

**Surbhi Gupta, B. Tech. II, IT**

## EVE TEASING

Eve teasing- Something which is considered to be a right thing by boys nowadays, and something which the girls cannot escape from just because they are girls. Whether you are travelling in a bus or walking in a street, you are a fit object for teasing. In fact, in India a woman of any age can be teased by a man of any age. Some men do it because they know of no other way to be noticed while others take to it as a pastime. They pass cheap comments, sing obscene songs and make offensive gestures. They do everything that makes us feel uncomfortable and, most importantly, nervous and insecure.

Now what should women do in a society where the environment is already not woman-friendly and eve teasing is the icing on the cake? How long are we going to ignore or tolerate grave provocations? It is no good expecting goons to be civilized on their own. We will have to protect our honour with our own two hands. It's time for us to become more confident and let that confidence reflects in the way we walk, talk and carry ourselves. We also need to develop a sense of humour so that we can bear a situation peacefully if we cannot change it. But if vexation crosses all limits we should not hesitate to take the help of the police. But over and above everything, we have to be self-dependent even if that requires learning self-defence techniques. The world is as it is- it will not change. But believe me, women have the hidden power to take on it and make life more secure for themselves.

**Shriya Goyal, B.Tech. II, ECE**

## ROLE OF GUARDIANS

A small child sitting on his father's lap asked "Father! Father! What is that?"His father replied, "Son, that is a crow" .After some time the child raised the same question and his father replied in the same manner without getting irritated of the repetitions .Time passed, Both of them grew older. One day while both of them were taking their lunch, then there started a sudden knock at the door. The son stood up and went to open the door. After opening it he started his conversation with the stranger. His father asked, "Son! who is at the door?". He didn't reply. The father again asked, he again ignored and after listening to the same question more than two times he became annoyed and replied "Father do your own work. Mind your business. Don't bother yourself for my personal matters. You do this so often." At this answer the father became shattered and asked himself that is this the type of answer he should have got from his son.

This is the situation that most of the guardians face today. But it doesn't mean that it is a consequence of globalization, modernisation or development of family planning. Infact history has several such cases like king Kansa had imprisoned his father and the famous Mughal emperor Aurangzeb had imprisoned his father Shahjanhah. Infact he crossed all the limits by making his father rely on one cereal only. But before discussing them I would like to throw some light on this particular word "guardian". According to dictionaries a guardian is a person who guards someone or who is legally responsible for someone who can't take care of himself. But after relating it with parents the meaning expands. Now it means a person who guards you, feeds you, cares

you and the most important of all continuously provides life to the young ones.

Guardians do a lot for their children. They can answer the same question several times if the children demand without felling any agitation because they know that their action is going to affect their children very much and because they love their children. Mother nature provides us shelter in the form of trees and mountains, she feeds us with fruits, cereals etc, she protects us from the ultraviolet rays of the sun and provide us life by maintaining the balance between exhaling and inhaling. So isn't she our guardian? But no one has time for her. We are carelessly exploiting her, demolishing her wealth and trying to meddle with ways. We have touched the peak of selfishness and self-indulgence.

So, on our behalf it is our duty to serve our parents. History has examples like Shravan Kumar. I know that playing his role is practically impossible in today's scenario but taking care of them broadly is always possible. Remember friends, our actions are being watched by our children and they are our reflection. As plants feel happy by seeing their roses, roses feel happy by seeing their seeds. This happens in a cyclic manner.

**Kumar Mohit, B.Tech. II, ME**

## A Tribute to Steve Jobs

### 'YOU'VE GOT TO FIND WHAT YOU LOVE'

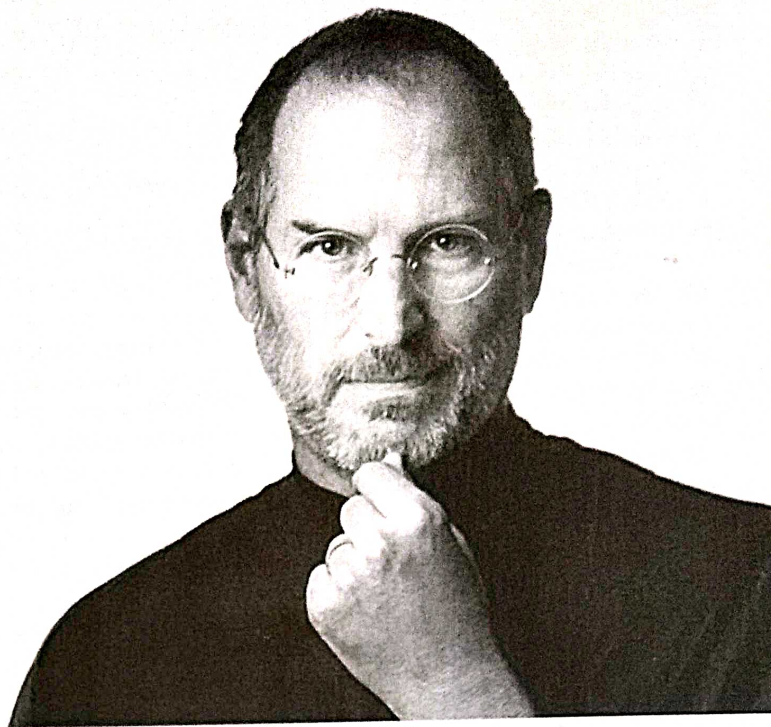
#### THREE STORIES FROM HIS LIFE IN HIS OWN WORDS:-

Today I want to tell you three stories from my life. That's it. No big deal. Just three stories. The first story is about connecting the dots.

I dropped out of Reed College after the first 6 months, but then stayed around as a drop-in for another 18 months or so before I really quit. So why did I drop out?

It started before I was born. My biological mother was a young, unwed college graduate student, and she decided to put me up for adoption. She felt very strongly that I should be adopted by college graduates, so everything was all set for me to be adopted at birth by a lawyer and his wife. Except that when I popped out they decided at the last minute that they really wanted a girl. So my parents, who were on a waiting list, got a call in the middle of the night asking: "We have an unexpected baby boy; do you want him?" They said: "Of course." My biological mother later found out that my mother had never graduated from college and that my father had never graduated from high school. She refused to sign the final adoption papers. She only relented a few months later when my parents promised that I would someday go to college.

And 17 years later I did go to college. But I naively chose a college that was almost as expensive as Stanford, and all of my working-class parents' savings were being spent on my college tuition. After six months, I couldn't see the value in it. I had no idea what I wanted to do with my life and no idea how college was going to help me figure it out.



And here I was spending all of the money my parents had saved their entire life. So I decided to drop out and trust that it would all work out OK. It was pretty scary at the time, but looking back it was one of the best decisions I ever made. The minute I dropped out I could stop taking the required classes that didn't interest me, and begin dropping in on the ones that looked interesting.

It wasn't all romantic. I didn't have a dorm room, so I slept on the floor in friends' rooms, I returned coke bottles for the 5¢ deposits to buy food with, and I would walk the 7 miles across town every Sunday night to get one good meal a week at the Hare Krishna temple. I loved it. And much of what I stumbled into by following my curiosity and intuition turned out to be priceless later on. Let me give you one example: Reed College at that time offered perhaps the best calligraphy instruction in the country. Throughout the campus every poster, every label on every drawer, was beautifully hand calligraphed. Because I had dropped out and didn't have to take the normal classes, I decided to take a calligraphy class to learn how to do this. I learned about serif and sans serif typefaces, about varying the amount of space between different letter combinations, about what makes great typography great. It was beautiful, historical, artistically subtle in a way that science can't capture, and I found it fascinating.

None of this had even a hope of any practical application in my life. But ten years later, when we were designing the first Macintosh computer, it all came back to me. And we designed it all into the Mac. It was the first computer with beautiful typography. If I had never dropped in on that single course in college, the Mac would have never had multiple typefaces or proportionally spaced fonts. And since Windows just copied the Mac, it's likely that no personal computer would have them. If I had never dropped out, I would have never dropped in on this calligraphy class, and personal computers might not have the wonderful typography that they do. Of course it was impossible to connect the dots looking forward when I was in college. But it was very, very clear looking backwards ten years later.

Again, you can't connect the dots looking forward; you can only connect them looking backwards. So you have to trust that the dots will somehow connect in your future. You have to trust in something -

your gut, destiny, life, karma, whatever. This approach has never let me down, and it has made all the difference in my life.

### **My second story is about love and loss.**

I was lucky - I found what I loved to do early in life. Woz and I started Apple in my parents garage when I was 20. We worked hard, and in 10 years Apple had grown from just the two of us in a garage into a \$2 billion company with over 4000 employees. We had just released our finest creation - the Macintosh - a year earlier, and I had just turned 30. And then I got fired. How can you get fired from a company you started? Well, as Apple grew we hired someone who I thought was very talented to run the company with me, and for the first year or so things went well. But then our visions of the future began to diverge and eventually we had a falling out. When we did, our Board of Directors sided with him. So at 30 I was out. And very publicly out. What had been the focus of my entire adult life was gone, and it was devastating.

I really didn't know what to do for a few months. I felt that I had let the previous generation of entrepreneurs down - that I had dropped the baton as it was being passed to me. I met with David Packard and Bob Noyce and tried to apologize for screwing up so badly. I was a very public failure, and I even thought about running away from the valley. But something slowly began to dawn on me - I still loved what I did. The turn of events at Apple had not changed that one bit. I had been rejected, but I was still in love. And so I decided to start over. I didn't see it then, but it turned out that getting fired from Apple was the best thing that could have ever happened to me. The heaviness of being successful was replaced by the lightness of being a beginner again, less sure about everything. It freed me to enter one of the most creative periods of my life.

During the next five years, I started a company named NeXT, another company named Pixar, and fell in love with an amazing woman who would become my wife. Pixar went on to create the worlds first computer animated feature film, Toy Story, and is now the most successful animation studio in the world. In a remarkable turn of events, Apple bought NeXT, I returned to Apple, and the technology we developed at NeXT is at the heart of Apple's current renaissance. And Laurene and I have a wonderful family together.

I'm pretty sure none of this would have happened if I hadn't been fired from Apple. It was awful tasting medicine, but I guess the patient needed it. Sometimes life hits you in the head with a brick. Don't lose faith. I'm convinced that the only thing that kept me going was that I loved what I did. You've got to find what you love. And that is as true for your work as it is for your lovers. Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do. If you haven't found it yet, keep looking. Don't settle. As with all matters of the heart, you'll know when you find it. And, like any great relationship, it just gets better and better as the years roll on. So keep looking until you find it. Don't settle.

### **My third story is about death.**

When I was 17, I read a quote that went something like: "If you live each day as if it was your last, someday you'll most certainly be right." It made an impression on me, and since then, for the past 33 years, I have looked in the mirror every morning and asked myself: "If today were the last day of my life, would I want to do what I am about to do today?" And whenever the answer has been "No" for too many days in a row, I know I need to change something.

Remembering that I'll be dead soon is the most important tool I've ever

encountered to help me make the big choices in life. Because almost everything - all external expectations, all pride, all fear of embarrassment or failure - these things just fall away in the face of death, leaving only what is truly important. Remembering that you are going to die is the best way I know to avoid the trap of thinking you have something to lose. You are already naked. There is no reason not to follow your heart. About a year ago I was diagnosed with cancer. I had a scan at 7:30 in the morning, and it clearly showed a tumor on my pancreas. I didn't even know what a pancreas was. The doctors told me this was almost certainly a type of cancer that is incurable, and that I should expect to live no longer than three to six months. My doctor advised me to go home and get my affairs in order, which is doctor's code for prepare to die. It means to try to tell your kids everything you thought you'd have the next 10 years to tell them in just a few months. It means to make sure everything is buttoned up so that it will be as easy as possible for your family. It means to say your goodbyes.

I lived with that diagnosis all day. Later that evening I had a biopsy, where they stuck an endoscope down my throat, through my stomach and into my intestines, put a needle into my pancreas and got a few cells from the tumor. I was sedated, but my wife, who was there, told me that when they viewed the cells under a microscope the doctors started crying because it turned out to be a very rare form of pancreatic cancer that is curable with surgery. I had the surgery and I'm fine now.

This was the closest I've been to facing death, and I hope it's the closest I get for a few more decades. Having lived through it, I can now say this to you with a bit more certainty than when death was a useful but purely intellectual concept: No one wants to die. Even people who want to go to heaven don't want to die to get there. And yet death is the destination we all share. No one has ever escaped it. And that is as it should be, because Death is very likely the single best invention of Life. It is Life's change agent. It clears out the old to make way for the new. Right now the new is you, but someday not too long from now, you will gradually become the old and be cleared away. Sorry to be so dramatic, but it is quite true. Your time is limited, so don't waste it living someone else's life. Don't be trapped by dogma - which is living with the results of other people's thinking. Don't let the noise of others' opinions drown out your own inner voice. And most important, have the courage to follow your heart and intuition. They somehow already know what you truly want to become. Everything else is secondary.

When I was young, there was an amazing publication called The Whole Earth Catalog, which was one of the bibles of my generation. It was created by a fellow named Stewart Brand not far from here in Menlo Park, and he brought it to life with his poetic touch. This was in the late 1960's, before personal computers and desktop publishing, so it was all made with typewriters, scissors, and polaroid cameras. It was sort of like Google in paperback form, 35 years before Google came along: it was idealistic, and overflowing with neat tools and great notions.

Stewart and his team put out several issues of The Whole Earth Catalog, and then when it had run its course, they put out a final issue. It was the mid-1970s, and I was your age. On the back cover of their final issue was a photograph of an early morning country road, the kind you might find yourself hitchhiking on if you were so adventurous. Beneath it were the words: "Stay Hungry. Stay Foolish." It was their farewell message as they signed off. Stay Hungry. Stay Foolish. And I have always wished that for myself. And now I wish that for you.

Stay Hungry. Stay Foolish.

## दिन जो लौट के ना आए

जीए वो दिन हमने कभी लौट के ना आए,  
मस्ती में चूर और पागल भी हम कहलाए  
दिन में खेलें जिसकी छांव में,  
रात को भूत बनकर वो डराए  
सुबह माँ बैठी पास में बालों को सहलाए,  
स्कूल जाना है बेटा, इस बात की रट लगाये  
उठकर हड़बड़ी में बाथरूम में चल दिये,  
पर गारंटी नहीं की नहा कर वापिस आए  
जीए वो दिन हमने कभी लौट के ना आए,  
मस्ती में चूर और पागल हम कहलाए

गलियों में खेलती पत्थर से शीशे तोड़ने वाली हस्ती थी  
महंगाई के उस जमाने में भी वो मौज बड़ी सस्ती थी  
सब कुछ तो था हमारे पास उन दिनों, बस थोड़ी पढ़ने की जबरदस्ती थी  
शुक्रगुजार है हम उस खुदा के, जिसने हमें वो दिन दिखाए  
जीए वो दिन हमने कभी लौट के ना आए,  
मस्ती में चूर और पागल हम कहलाए

वो दिन जो पॉकेट मनी को तरसते थे,  
जेब में एक रुपया था पर सपने वायलेट के रस्वते थे  
आज नोटों की गड्डी है हाथ में, हँसते तो आज भी है,  
जब दिखती है झलक बचपन की कोई बात में,  
शायद खूब करते हैं दोस्तों की हस्ती में मस्ती  
पर रो पड़ती है सबकी आँखें,  
जब याद आती है वो 'कागज की कहती'  
बचपन की यादें दिल को रूला जाये,  
जीए वो दिन हमने कभी लौट के ना आए,  
मस्ती में चूर और पागल हम कहलाए

वो परियों की कहानियाँ, वो माँ की लोरी,  
छुपकर खाते चॉकलेट और फिर वही से सारी  
हम ही थे वही, नहीं था कोई और, घर में मचाते टॉम-जैरी का शोर  
चांद को कहते थे मामा, जब तक थी हाथ में पालने की डोर  
आज किस समझदारी की दलदल में आ फँसे,  
जहाँ चांद के मतलब है कुछ और  
काश कुछ ऐसा हो जाये,  
हमें उसी दुनिया में कोई वापिस ले जाए  
जीए वो दिन हमने कभी लौट के ना आए,  
मस्ती में चूर और पागल हम कहलाए

गलियों के जॉइन्ट पर खेलते टोली में, उस पॉइन्ट पर,  
जहाँ दिखते थे वो परियाँ और वो शहजादे  
आज बनकर रह गई है सब सुनहरी यादें,  
लगता है गलियों ने खुद को समेट लिया है  
हर बचपन ने खुद को टी.वी., मोबाईल और कम्प्यूटर में लपेट लिया है  
बचपन कहीं 55 का ना बन जाए, बस यही बात जहन को सताए  
जीए वो दिन हमने कभी लौट के ना आए,  
मस्ती में चूर और पागल हम कहलाए

पूजा बिरारा, बी.टेक. तृतीय वर्ष, आईटी

## कैसे भुलाऊँ माँ

कितना ध्यान रखेगा कोई, माँ रखती है जितना,  
कितना प्यार करेगा कोई, माँ करती है जितना,  
कोई नहीं इस देश में मेरा, किसको हाल सुनाऊँ,  
दूर हूँ मैं मजबूर हूँ, तेरे पास मैं कैसे आऊँ माँ !!

पास बिठाकर तू अपने, हाथों से मुझे खिलाती थी,  
जब तक मैं ना खा लेता, तू भी तो ना खाती थी,  
चोट मुझे लगती थी, तेरी आँखें आँसू बहाती थी,  
मुझ पर बहुत अहसान है तेरे, कैसे इन्हें भुलाऊँ  
दूर हूँ मैं मजबूर हूँ, तेरे पास मैं कैसे आऊँ माँ !!

सारे जगत में मुझ जैसा, बदकिस्मत मजबूर न हो,  
छोड़ के अपना शहर कोई, बेटा माँ से दूर ना हो,  
किस्मत वाले रहते हैं, माँ के आँचल की छांव में,  
देवों के वरदान से ज्यादा, असर है माँ की दुआओं में  
क्यों छोड़ा मंदिर जैसा घर, मैं सोचूँ और पछताऊँ माँ  
दूर हूँ मैं मजबूर हूँ, तेरे पास मैं कैसे आऊँ माँ !!

देख के आज तस्वीर तेरी, तेरी सूरत याद आयी मुझे  
सच कहता हूँ आज तेरी माँ हर नसीहत याद आयी मुझे  
तु कहती थी अपने घर की, रूखी सूखी अच्छी है,  
झूठी है दुनिया की दौलत, तेरी ममता सच्ची है  
माँ जैसा कोई और नहीं, सबको मैं समझाऊँ माँ  
दूर हूँ मैं मजबूर हूँ, तेरे पास मैं कैसे आऊँ माँ !!

दिव्यांशु जैन, बी.टेक. द्वितीय वर्ष, इलैक्ट्रिकल अभियांत्रिकी

## कोई फर्क नहीं पड़ता

कोई फर्क नहीं पड़ता,  
राज चाहे रावण का हो या राम का  
जनता बेचारी सीता है  
रावण राजा बने तो सीता अपहृत कर ली जायेगी  
राम राजा बने तो अग्नि परीक्षा देकर मुक्त हो जाएगी।

कोई फर्क नहीं पड़ता,  
राज चाहे कौरवों का हो या पांडवों का।  
जनता बेचारी द्रौपदी है  
पांडव राजा बने तो जुएँ में हार दी जायेगी  
कौरव राजा बने तो चीर हरण कर ली जाएगी।

कोई फर्क नहीं पड़ता,  
राज चाहे हिंदु का हो या मुसलमान का  
जनता बेचारी लाश है  
हिंदु राजा बने तो जला दी जाएगी,  
मुसलमान राजा बने तो दफना दी जाएगी

अमित खंडेलवाल, बी.टेक. द्वितीय वर्ष, इलैक्ट्रिकल अभियांत्रिकी

## समस्यायें जीवन का अभिन्न अंग हैं।

अधिकांश लोग यह सोचते हैं कि उनकी सब समस्यायें समाप्त हो जायेगी, तब वे विकास का कार्यक्रम प्रारम्भ करेंगे। लेकिन याद रखिये, समस्यायें जीवन का अभिन्न अंग हैं। वे कभी समाप्त नहीं होगी। एक समस्या जाएगी, तो दूसरी खड़ी हो जायेगी। यह जीवन की प्रकृति है।

यह भी याद रखिये कि संसार में ऐसी कोई समस्या नहीं, जो आपके मन की शक्ति से अधिक शक्तिशाली हो और जो और जो हल न हो सकती हो। यह जीवन का सामान्य अनुभव है कि जब समस्यायें आती हैं तो उनके साथ उनके समाधान भी आते हैं। इसे मान कर चलिए कि जीवन में सदैव उतार चढ़ाव और अप्रत्याशित परिस्थितियाँ आती रहेंगी। आपको किसी भी परिस्थिति के लिये सदैव तैयार रहना है।

ऐसा ही नियम है इसलिए आप समस्याओं का स्वागत करना सीख सकें तो हमारे आपके ऊपर उनकी पकड़ और प्रभाव कम होता जायेगा और आप उनके सेवक बनने के बजाय स्वामी बन जायेंगे।

अंजली पाण्डे, लेक्चरर, कम्प्यूटर अभियांत्रिकी

## अगर आप सोचते हैं

अगर आप सोचते हैं कि आप हार गए हैं तो हार गये हैं। अगर आप सोचते हैं कि आप में हौसला नहीं है तो सचमुच आपमें हौसला नहीं है। अगर आप जीतना चाहते हैं मगर सोचते हैं कि जीत नहीं सकते तो आप निश्चित ही जीत नहीं सकते हैं। अगर आप सोचते हैं कि हार जायेंगे तो आप हार चुके हैं क्योंकि हम दुनिया में देखते हैं कि सफलता की शुरुआत इन्सान की इच्छा से होती है। ये सब कुछ हमारी सोच पर निर्भर करता है।

अगर आप सोचते हैं कि आप पिछड़ गए हैं तो आप पिछड़ गये हैं। तरक्की करने के लिए आपको अपनी सोच ऊँची करनी होगी। कोई भी सफलता प्राप्त करने से पहले आपको अपने प्रति विश्वास लाना होगा जीवन की लड़ाइयाँ हमेशा तेज और मजबूत लोग ही नहीं जीतते बल्कि आज नहीं तो कल जीतता वही आदमी है, जिसे यकीन है कि वह जीतेगा।

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## दर्द

जीवन एक दर्द का दरिया है बिन बुलाये तूफान आते हैं।  
सागर भी लहरों के आगोश में, गम के आँसू बहाते हैं।।

दर्द के साथ होने से, खुशी से वीरानी हो गई है जिन्दगी।  
अब तो व्यथित हृदय व आशाओं के दीप लेकर करनी होगी ईश्वर की वन्दगी।।

दर्द तो जीवन से पराजित होकर बैठने का एक बहाना है।  
हमें तो संघर्षों को गले लगाकर दर्द से मुक्ति पाना है।

सुख और दुख तो मुक्त चिंतन की मिथ्या अनुभूति है।  
ये तो जीवन रूपी रथ के दो पहिये हैं चंचल मन के क्षणिक अतिथि हैं।।

विचलित मन को प्रकृति की सुंदर रचनाओं में लगाते चले जाओ  
दर्द को मधुशाला के सोमरस की भाँति पीते चले जाओ।।

एक दर्द उठा सीने में, नयनों में अश्रु झलके।  
कुछ स्मरण हो आया मन में और व्यथा भरे दिन कलके।।

भूल कर हर दर्द को, झकझोर कर अपने अन्तर्मन को  
नया प्राण, नयी उमंग नया उत्साह लेकर प्रशस्त अपनी सफलता के स्वर्णिम पथ को

अपूर्व गुप्ता, बी.टेक., द्वितीय वर्ष, कम्प्यूटर अभियांत्रिकी

## लक्ष्य की प्राप्ति

कहाँ से चली थी मैं कहाँ को आ गयी  
जा रही थी मंजिल की ओर लेकिन भटक गयी  
अब सिर उठाकर देखूँ तो कुछ दिखाई नहीं देता  
कोहरा इतना घना है कि कुछ सुनाई नहीं देता  
फिर भी रुक नहीं सकती, बस चलती ही जा रही हूँ।  
किसी अनजान रास्ते पे, आगे बढ़ती ही जा रही हूँ  
पता नहीं यह रास्ता किधर को ले जायेगा  
यह तो सफर के अंत में पता चल पायेगा  
आशंकाओं से मेरा मन विचलित हो रहा है  
निडर तो हूँ, फिर भी मुझे डर लग रहा है।  
ऐसा लगता है कि समय सुस्त पड़ गया हो  
मेरे कमजोर कदमों में कुछ जकड़ गया हो  
अब थक गयी हूँ मैं चल नहीं सकती  
कितना भी प्रयास करूँ, आगे बढ़ नहीं सकती

तभी अचानक किसी के कदमों की आहट सुनाई दी  
ऐसा लगा कि मंजिल अब स्वयं ही करीब आ रही है।  
और जानी पहचानी आवाज सुनाई दी मंजिल कभी चलकर पास नहीं आती  
हमें खुद को ही चलकर वहाँ पहुँचना होता है।  
रास्ता भूलकर हिम्मत हारने से बात नहीं बनती  
साहस, शक्ति, संकल्प और पुरुषार्थ से काम लेना पड़ता है।

उठ तू ! भारत माँ की संतान है तू जिसने जीतना सीखा है  
कितनी भी मुसीबतें आये, उनसे लड़ना सीखा है।  
तू सब कर सकता है ये मान ले तू  
अपनी अंतरआत्मा की आवाज को पहचान तू  
हाँ ! मैं सब कुछ कर सकती हूँ ये विश्वास मुझको  
अब हौसले बुलंद है मेरे और मैं संभल गयी हूँ  
कि चलना है और चलते रहना रुकना नहीं है  
फिर एक दिन अपनी मंजिल तक पहुँच जाऊँगी।  
भरोसा है स्वयं पर की अपना लक्ष्य प्राप्त कर ही लूँगी।  
नेहा कपूर, वरिष्ठ व्याख्याता, सूचना प्रौद्योगिकी

## ऐसा हो भारत मेरा

नहीं हो जहाँ भूखमरी, गरीबी का नामोनिशान,  
संस्कारों से लबरेज हो ये भारत मेरा,  
भ्रष्टाचार दूर-दूर तक न आए नजर,  
सभी का दिल पाक हो ऐसा हो भारत मेरा,  
सत्य अहिंसा और धर्म का डंका बजता रहे सदा  
गांधीजी की सोच से मिलता-जुलता हो भारत मेरा,  
हर हिन्दुस्तानी देश के लिए कुछ करे, स्वार्थी न हो ये भारत मेरा,  
लोगों के दिल में न रहे कड़वाहट, प्यार से समाहित हो ये भारत मेरा,  
जात-पात के भेद भाव हो जाएँ स्वल्प,  
भारतीय ही सबकी जाति हो, ऐसा हो भारत मेरा  
कामना है कि जज्बा व जुनून कायम रहे, ताकि बना सकूँ मैं भारत मेरा  
स्वाति कडेल, बी.टेक. द्वितीय वर्ष, विद्युत व संचार अभियांत्रिकी