



THE SKIT TIMES

(A Quarterly Bulletin of Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur)

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EDITORIAL

We feel greatly elated to present the fifth consecutive issue of THE SKIT TIMES at the advent of the year 2005. The New Year provides us an opportunity to make new resolutions and revive our energies to win over new milestones in the long-haul journey that began in the year 2000 for realizing SKIT's vision "to promote higher learning in advanced technology and industrial research to make our country a global player".

We take great pride in asserting that in a short history of four years SKIT has not only been able to extract an overwhelmingly favourable response from Indian companies and industrial organizations for ensuring enormously alluring placements but also have set a step ahead in transcending the boundaries of the nation to provide global opportunities for our students.

In the dawn of the New Year we would take this opportunity to exhort our students to revitalize their

A VERY HAPPY AND FRUITFUL NEW YEAR 2005

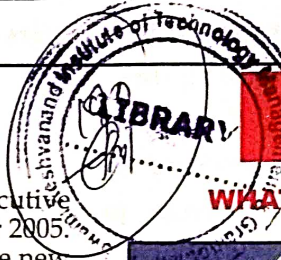
enthusiasm and make some good resolutions. Procrastinators and malingerers should better shake off laziness and pay heed to these words of Robert Schuller:

"Work will make the dream come true, and more often than not you will find that the work was fun! You enjoyed it. It didn't drain you-it revitalized you! You felt younger! Renewed! And most importantly it gave you a sense of accomplishment. You were proud of who you were and what you did."

Keeping its commitment to be the voice of SKITians the present issue introduces a new column-*Impressions*-that will express their feelings regarding the myriad hues curricular and co-curricular activities organized by the Institute. *Miscellany* is a potpourri of humorous and referential articles. *Career* includes the write-ups that offer practical assistance to our students for fabricating well-rounded and dynamic technocrats out of themselves.

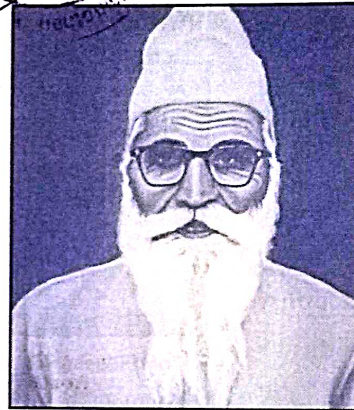
With lots and lots of good wishes for the New Year we present this issue to our readers and expect the same warm response that we have been receiving from them so far.

--Chief Editor



TRIBUTE

WHAT INFLUENCED KESHVANAND



1883-1972

from his father and his efforts in the direction of Female Education are an obvious tribute to his affectionate mother.

The *Guru Granth Sahib* and the *Gita Rahasya* proved instrumental in transforming Swami's spiritual personality. Observing *Granth's* impact on him Sardar Sher Singh Tur writes :

"His actions-free from casteism, hypocrisy and blind faith, but blessed with commonweal -are the proofs of his staunch faith in the sayings of the holy Sikh scripture."

Swami considered Maharshi Dayanand a model to him. Pt. Madan Mohan Malviya Inspired him greatly for the development of the *Gramothan Vidyapeeth* at Sangaria and his views on basic education, social reforms and non-violence were chiefly based on Gandhian thoughts.

We can sum up these influences in the form of the observations made by some of his friends and admirers:

"After studying the *Guru Granth Sahib* and the Vedanta Philosophy, Swami Keshvanand learnt the principle of *DESSIRELESS ACTION* from the *Gita Rahasya*. And he dedicated his life to the nation wearing the protective armour of Gandhiji's *Ahimsa*. As a result, he was blessed with the human qualities of dedication, renunciation, love, compassion and perseverance of action that made him an epoch-figure."

--Narendra Kumar
Lecturer, Dept. of English

NEWS IN BRIEF

BLOOD DONATION CAMP

With the view of serving the humanity a blood donation camp was organized for the third consecutive year on the occasion of Blood Donation Day - 1 October, 2004 - by the Youth Red Cross Club SKIT and NSS unit SKIT in association with Indian Red Cross Society, Rajasthan Unit and Blood Bank SMS Hospital, Jaipur. Mr. V.K. Gupta, Zonal Manager Punjab National Bank, was the chief guest and Mr. V. P. Sharma, Deputy Zonal Manager Punjab National Bank, was the Guest of Honor for the occasion. Mr. Man Singh, Secretary Indian Red Cross Society, Dr. Harish Saxena, Incharge Blood Bank, Mr. A. K. Kewalia and Dr. Mahesh Arora, Deputy C.M.O. SMS Hospital, Jaipur were the special guests to make the occasion more gracious and enlightening. All these guests were offered a warm welcome by Mr. S.R. Meel, Chairman SKIT, Mr. Anil Bafna, Vice Chairman SKIT, Mr. K.R. Bagaria, Director SKIT, Mr. (Prof.) S.L. Surana, Principal SKIT, Mr. (Prof.) M.L. Bhargava and Mr. (Prof.) N. K. Banthia.

Principal, Prof. Surana, delivered the welcome note in which he expressed his gratitude towards all the guests for coming all the way to SKIT Campus to inspire and

motivate the students for blood donation. He said, "in the very short history of four years we are organizing this blood donation camp for the third consecutive time and by doing so we have inspired other colleges to adopt the same practice."



Chief Guest, Mr. V.K. Gupta inaugurating Blood Donation Camp

Hon'ble Chairman, Mr. Meel categorically asserted, "we need not worry while going for blood donation as blood -donated is quickly recoverable." He also said this was a good beginning for the celebration of Mahatma Gandhi's and Lal Bahadur Shastri's birthdays on 2 October.



Mr. Man Singh addressing SKITians

Hon'ble Chief guest, Mr. Gupta, Said, "Swami Keshvanand Institute is playing a great role in developing

highly skilled technocrats to make India's future bright." Guest of Honor, Mr. Sharma, expressed his concern as a banker for the funding and development of technical institutions. He advised the students to study well and be good citizens.

Dr. Harish Saxena threw some light on the biological facts related to blood donation and clarified some misconceptions about it. He wished everyday to be a voluntary blood donation day so that there would never be the dearth of blood in the cases of emergency and some chronic diseases like Hemophilia, Thalassemia etc. could be treated in an efficient way.

Mr. Man Singh said, "Red Cross Society is devoted to help the people during calamities" and threw some light on the history of blood donation. He expressed his concerns for the need of First Aid Training. He made the students chant slogans in the honor of blood donation, humanity and Red Cross Society. Mr. Kewalia also addressed the gathering and enlightened the students about the objectives of NSS, which is a joint venture of Central and State governments.

In the last, Director SKIT, Mr. K. R. Bagaria, proposed a vote of thanks in which he expressed his

gratitude to all the guests on behalf of the Institute and thanked Red Cross Society, state NSS unit and Blood Bank SMS hospital, Jaipur for giving us a chance to serve the humanity and take a step ahead towards our goal of social service.

After the inspiring and motivating speeches of the guests blood donation started in which around two hundred students and faculty members donated their blood. It was disappointing for a lot of students who were eagerly and enthusiastically willing to donate blood but the number of donors was limited due to certain inevitable limitations of Blood Bank. The entire programme was co-ordinated by Mr. Jaiprakash Bhamu (Lecturer, Dept. of Mechanical Engineering)

It is noteworthy that on 29th May 2004, Swasthya Kalyan Blood Bank and Thalassemia Research Society honored SKIT for organizing voluntary blood donation camps. A medal and a Certificate were given by the then Governor of Rajasthan Mr. M. L. Khurana to felicitate the Institute for this service of humanity. Indian Red Cross Society has also acknowledged Institute's contribution by providing it an "Award of Merit" certificate.

EXCELLENT PLACEMENTS

SKIT's Training and Placement cell under the supervision of Prof.

M.L. Bhargava is doing exceedingly well in fetching fabulous placements in various reputed and well-established companies. Below is given the list of students who have ensured placement in various companies during the current academic session :

Student Name	Branch	Company
1. Tharesh Sharma	EE	Crompton*
2. Ashish Gupta	CS	Infosys*
3. Bhawna Meghnani	CS	Infosys*
4. Gaurav Saxena	CS	Infosys*
5. Hitesh Sharma	CS	Infosys*
6. Mohit Sarda	CS	Infosys*
7. Mona Satija (Ms)	CS	Infosys*
8. Monika Narang (Ms)	CS	Infosys*
9. Shailesh Sharma	CS	Infosys*
10. Aaditya Kumar Jhajharia	E&C	Infosys*
11. Ankit Aanand Gupta	E&C	Infosys*
12. Harsita Tolani (Ms)	E&C	Infosys*
13. Kanika Gupta (Ms)	E&C	Infosys*
14. Param Kapoor	E&C	Infosys*
15. Parvitosh Mathur	E&C	Infosys*
16. Puneet Jain	E&C	Infosys*
17. Suchita Sanghi (Ms)	E&C	Infosys*
18. Astha Parashar (Ms)	EE	Infosys*
19. Rupmeet Singh	EE	Infosys*
20. Surbhi Bapna (Ms)	EE	Infosys*
21. Bharat Kumar Dewra	IT	Infosys*
22. Kinchit Talwar	IT	Infosys*
23. Piyush Sharma	IT	Infosys*
24. Sreejit Narayanan	IT	Infosys*
25. Anurag Vashishtha	CS	L&T, Mu.*
26. Kushboo Chhangani(Ms)	CS	L&T, Mu.*
27. Neetu Agrawal (Ms)	CS	L&T, Mu.*
28. Ranjana Thanvi (Ms)	CS	L&T, Mu.*
29. Sneha Gera (Ms)	CS	L&T, Mu.*
30. Meenakshi Mathur (Ms)	IT	L&T, Mu.*
31. Neha Sharma (Ms)	IT	L&T, Mu.*
32. Rajender Kumar Saini	IT	L&T, Mu.*
33. Rakesh Ranjan	IT	L&T, Mu.*
34. Seema Meena (Ms)	IT	L&T, Mu.*
35. Shalini Saxena	IT	L&T, Mu.*
36. Praveen Narula	E&C	GE Cap.*

37. Aditi Bhargava CS GE Cap.*
 38. Debajyoti Das Gupta CS GE Cap.*
 39. Vinu Vishwanathan EE GE Cap.*
 Infosys* = Infosys Technologies Ltd., Bangalore
 Crompton* = Crompton Greaves, Mumbai
 L&T,MU* = L&T Infotech Ltd., Mumbai
 GE Cap.* = GE Capital (Cont. on pg. 4...)

FRESHER-2004

A Fresher party was organized by the students of 2nd year to welcome the students of 1st year on the 1st of October, 2004 amidst much fanfare. The entire programme continued for more than five hours. Though the rain tried to play a spoilsport but it could not diminish the enthusiasm



of students even a bit. The cultural programmes put up by students were coloured with myriad hues of *Masty* and *Dhoom*. They were comprised of Film songs and Western dance, Folk Rajasthani songs and Folk dance, Punjabi songs and Bhangada, and many hilarious and entertaining skits. Even the fusion of different kinds of songs and dances was presented to establish the impression of harmony among all cultures. At the end, honorable chairman Mr. S. R. Meel congratulated the students for such a nice organization of the

party. Students also presented mementoes to the members of Committee for Cultural Programmes. Party ended with a sumptuous dinner for all who were present. Nostalgia for the party prevailed in SKITians for a long time.

ADVENTUROUS SPORTS

SKIT, in collaboration with Rajasthan Sports Council, organized a five days adventurous sports camp for its students in the month of October. Twenty five SKITians participated to have the thrilling and barnstorming experience of Rappelling, Ropeway or Artificial River Crossing, Tracking and Rock Climbing, and Monkey Crawling. On the last day all the participants demonstrated in SKIT's Open Theatre, all they had learnt during the camp and they were presented with certificates by Principal, Prof. S.L. Surana, Prof. M.L. Bhargava (Head, Career and Placement Cell) and Mr. C.M. Choudhary (Reader and Head, Computer Sciences). It is to be noted that earlier on September 11, 2004, Rajasthan Sports Council performed a live demonstration of aero-sports and mountaineering in SKIT in which SKITians also participated.

**(EXCELLENT PLACEMENT
Continued from pg. 3...)**

It is noteworthy that apart from above mentioned companies, Cybergindia, Essar Steels, Indian Army and Indian Navy have also

conducted interviews during the current academic session, results of which are awaited and during the last academic session Placement cell ensured placement for 131 students. Now the Institute is compared with the renowned government colleges of the state.

STAFF DEVELOPMENT PROGRAMME

Prof. N.K. Banthia, Head Mechanical Department, conducted a Staff Development Programme to equip the faculty with advanced teaching methods so that they can contribute effectively in realization of SKIT's vision to "promote higher learning in advanced technology and industrial research to make our country a global player". He encouraged the faculty to undertake industry sponsored projects for students so that the SKIT's mission "to promote quality education, training and research in the field of engineering by effective interface with industry" can be accomplished.

During the three days course, from December 3, 2004 to December 6, 2004, Prof. Banthia focused on Instructional Objectives and Domains of Learning, Class Room Communication, Instructional Session Planning and Designing of Laboratory Experiences. He also emphasized on how best teachers can employ all the audio-visual media available to them and he

kept on satisfying the queries of teachers. For laboratory works he asserted the need of inculcating a concept of rotating team leadership and an attitude of safety consciousness in students. For making the lectures more interesting he used a number of educational models, group activities and case studies. At the end of the course the faculty was bubbling with inspiration and enthusiasm and they decided to use all the available modern and advanced teaching aids and improved lecture method to make teaching all the more interesting and engrossing.

WELL DONE BHASKAR



Bhaskar Ghatpande has passed a much-reputed MCP (Microsoft Certified Professional)

examination conducted for various computer languages. After clearing the exam Bhaskar has become Microsoft certified Professional in Developing and Implementing Web Applications with Microsoft VisualBasic.Net and Microsoft VisualStudio.Net

The entire SKIT family is proud of your Bhaskar. We wish you a very great time and a fabulous career.

RESULTS DECLARED STUDENTS DO US PROUD

B.E. 8TH SEM. INFORMATION TECHNOLOGY : Out of 61 students

who took the examination 58 students acquired 1st division including 34 honours. **Ekta Gupta** of SKIT topped the university.

KUDOS EKTA!!



Congratulations Ekta for bringing honour to the Institute by acquiring 1st position in the

university in B.E. VIII Sem. IT examination. It is heartening to know that you were declared the best trainee of your batch at Infosys Technologies Ltd. We are proud of you Ekta. We wish you a great time and a fabulous career.

B.E. 4th Sem. Electronics and Communication : It is a matter of great elation for SKIT family that **Meghana Tak** has acquired first position and **Anjali Arora** and **Rochak Saxena** have acquired seventh and ninth positions respectively in the university. We congratulate and wish you all a great time at SKIT campus and a fascinating career hereafter.

ENCARTA 2004 : SKITIANS COME UP WITH FLYING COLOURS

SKITians shone through the events organized under ENCARTA -2004 by MBM Engineering College Jodhpur from 14th to 16th October, 2004. Though the environment was highly competitive, SKITians performed with the spirit of

learning and achieving. SKIT's 16-memebr team participated in various events and won fabulous prizes. In QUIZ they bagged the prizes for both the winner and runner-up. The team of Anurag Vashishth and Riju Jacob was the winner and the team of Mehul Jain and Mudit Mathur was the runner-up. In PUZZLES SKIT team won the first and in CORPO CZAR the team of Mehul Jain, Anurag Vashishtha and Rohit Vashishtha qualified for the final round.

PROF. KESHAV RAE'S LECTURES

Ex-Director Symbiosis Institute of Business Management, Pune and ex-Dean, Faculty of Management Studies, University of Wales, U.K., Prof. Keshav Rae delivered a series of lectures on communication skills and personality development for the students of B.E. First Year. In his four days schedule from December 21, 2004 to December 24, 2004 he focussed on behavioural ethics, attitude, time-management, self-accountability and honesty to self, business etiquettes and soft skills. Students found his lectures nice and enlightening.

YOUTH RED CROSS INCHARGES MEETING

Mr. Jaiprakash Bhamu, Lecturer in Mechanical Engineering and Incharge of SKIT Youth Red Cross

Society attended a meeting of Youth Red Cross Incharges held at the premises of Red Cross Society, Jaipur on November 27, 2004. It is noteworthy that the Institute has been organizing blood donation camps since last three years in association with Red Cross Society and SKIT is the first college in Rajasthan to start a Youth Red Cross Club at college level.

PRAVAH 2005 PROGRAMME DECLARED

SKIT declares February 1, 2005 to February 5, 2005 as the dates for Pravah 2005, an annual inter-college "Technical, Cultural and Sports Meet" for engineering students. Entries are invited for the following inter-college events :

- * Techno Kreats
(Technical Paper Presentation)
- * Software Development Contest
- * Kaka Kreats
Songs (Solo, Group),
Dance (Solo, group) and Drama
- * Technical Exhibition
(Models and Charts)
- * Brainmine
(Contemporary Issues Quiz)
- * Student Parliament
- * Sports
(Volleyball - Men, Basketball - Men, Table Tennis - Women, Table Tennis-Men)

Your entries may be forwarded in time so as to reach latest by 22 January 2005 to the Chief Coordinator Pravah 2005, Swami

Keshvanand Institute of Technology, Management and Gramothan, Ramnagar (Jagatpura), Jaipur-25 or emailed at pravah05@skit.ac.in or may be registered in person. It is to be noted that Expert Paper presentation and Intra-college activities will be special attractions of the meet.

RESEARCH PAPERS PUBLISHED

A HYBRID APPROACH FOR SECURITY EVALUATION AND PREVENTIVE CONTROL OF POWER SYSTEM

-- Dr. S. L. Surana
Principal
SKIT, Jaipur

Published in IEEE National and Energy Conference (PE Con) held at Bangi, Malaysia.

RESEARCH PAPERS PRESENTED

POLYMER NANO COMPOSITES: PROCESSING AND PROPERTIES

--Dr. Sangeeta Vyas
Lecturer, Dept. of Chemistry

Presented in a National Seminar on "INTELLIGENT PROCESSING OF NEW MATERIALS" in the Eighteenth National Convention of Metallurgical & Materials Engineers held at Jaipur on 11th and 12th October, 2004 and organized by The Institution of Engineers (India), Rajasthan State Centre, Jaipur.

(i) ELECTRONIC STRUCTURE STUDY OF GOLD BY COMPTON

SCATTERING

(ii) STUDY OF BONDING IN Zn/Se BY COMPTON SCATTERING TECHNIQUE.

-- Yogesh Chandra Sharma
Lecturer, Dept. of Physics

Presented at the 74th Annual Session of National Academy of Sciences, India and Symposium on Science & Technology for Desert Development, held under the joint auspices of University of Rajasthan and Birla Institute of Scientific Research, Jaipur from 2nd - 4th December 2004.

SHI INDUCED MODIFICATIONS ON METAL / Si SURFACES AND INTERFACES.

-- Veenu Sisodia
Lecturer, Dept. of Physics

Presented at the 49th, Department of Atomic Energy, Solid State Physics Symposium, 25-30 December 2004 held at DAV College, Amritsar, India.

PhDs AWARDED

1. Mr. Rohit Mukherjee, Lecturer in Mathematics, has been awarded PhD on October 3, 2004 by the University of Rajasthan. To accomplish his research he did "A Study of General Sequence of Functions, Multidimensional Fractional Calculus and the H-Functions of one or more Variable with Applications" under the supervision of Prof. S.P. Goyal.

2. Mrs. Pramila Bafna, Lecturer in Humanities, has been awarded PhD

on the 12th of October by the University of Rajasthan. For her research she worked on "The Economic Analysis of Dimensional Stone Industry in India" under the supervision of Dr. V.V. Singh.

BOOKS PUBLISHED

Software Engineering Volume 2

--Shalini Puri
Lecturer, Dept. of CS/IT
(Genius Publications, Jaipur)

MY THOUGHTS

- Past is experience, present is when one has to invest and future is the result.
- From weeks to years pass while trying to understand a person but, misunderstandings grow in minutes.
- If a person expects something from a friend then, he himself might not know the depth of friendship.
- It is very easy to become a coach in a train but, its very difficult to be an engine.
- Strengths act as weaknesses and weaknesses act as strengths, its only the time the actions that changes the meaning.
- Any kind of link with fellow begins bounds a person and exterminates his freedom for ending life.
- Business is all about managing people while relationship is all about controlling negative feelings.

--Anshul Bhatnagar
B.E. Ist Year (CS)

IMPRESSIONS

PERSONALITY ENHANCEMENT PROGRAMME

"Take up one idea. Make that one idea your life - think of that to live on that idea... Be full of that idea and just leave every other idea alone. This is the way to success"

--Swami Vivekanand

Today a jobless world looms before us. Futurists forecast a high mortality of jobs during the period 2000-2020. This is not a temporary recession, it is the death of what we call a "job". Not only the worker and staff jobs but the supervisory and managerial jobs too are fast becoming extinct. This is the catastrophe for those who do not know how to deal with corporate environment.

But there is no problem for those who are willing to accept and learn new ways to deal with the changing world, because there are abundant opportunities for them everywhere. In this world which is full of competition we have only one key to succeed:

"Do not be afraid of your shadows as they tell you that there is light nearby you."

To make us aware of the available approach towards this light came a person, who insisted on working after due thinking and not by instincts. He is a quite

knowledgeable person with high moral values, named Mr. Keshav Rae, Ex-Director of Symiosis Institute of International Business, Pune.

Now a visiting faculty at Symbiosis and at many other institutes, he has served for many corporate houses like Mahindra and Mahindra etc.

On tuesday 17 Aug. 2004, he started with our classes and introduced communication skills and the difference between effective and productive communication. For this he emphasized on the power a human being has which makes him different from animals- "The power of reasoning."

Later he threw some light on "acceptance", that means, to accept all those things which are beyond our control. Positive thinking, as he told us, is the most essential requirement to be in a corporate nowadays. Be expressive, as your eyes are a reflection of your soul. He discussed the major problems that students come across in achieving effective communication skills and the steps to solve these problems.

He threw some light on personality development. To develop your personality, first you must look towards your attitude

and secondly, have a vision and, a dream for it. According to him personality is of two types : "Personal Personality and External Personality". The former is the internal qualities which one has right from the beginning and they never change. The latter is how you project yourself in the world.

He emphasized that corporates are not searching only for a B.E., but a B.E+, i.e., an engineer with well-groomed personality. Hence he discussed the various soft skills one should possess, like table manners, wishing manners and personal hygiene. Personal hygiene is very important aspect of your personality because -

"Cleanliness is next to Godliness."

He discussed leadership and how could we become good leaders. The leadership qualities in a person are shown by one's positive strong character which itself is expressed by his/her passions, ethics and values. He described the importance of business etiquettes in any corporate. He also discussed GD and interview skills.

During the sessions he kept on answering various queries of students. Mr. Rae's words have positively influenced many a students in our college. His lectures

have shown us the way to personal and professional success.

--Pavan Kr. Varma
--Deepmala Agarwal
B.E. - VIIth Sem.(I.T.)

A TRYST WITH "ADVENTUROUS SPORTS"

Fear... rather mastery over fear, has always been the greatest motivation for mankind. It is this motivation, that has made men to conquer many a daunting and threatening frontiers and challenges.

Everyone has a different flavour for the kind of challenges one likes to face. Some people prefer mental challenges and some physical, but very few dare to meet challenges that require both mental as well as physical toughness.

Such rare individuals came forward when Mr. Vachaswa Noonian announced that a few "Adventurous Sports" will be held at college. The 5 days camp started with 15 students present on the day when we were introduced to instruments to be used and the activities to be performed by us in coming few days. Sheer excitement among the students prompted 10 more students to join us, the very next day.

The activities included: Rappeling, Ropeway or Artificial River Crossing, Outing [(i) Tracking (ii) Rock Climbing], Monkey Crowing and Demonstration in

college and Certificate distribution.

"Rappeling" was a daring task in which the performer has to descend a straight wall or mountain with steep slope. This task required a lot of guidance and dexterity, and was really very interesting.

"Monkey Crawling" was a bit familiar to us, thanks to Hollywood and Indian film Industry. In this task the performer has to crawl a rope tied parallel to the ground and at a certain height. Strength and balance were the main requirements to perform this task smoothly.

The toughest activity was "Rock Climbing". In this, we climbed up a steep mountain. Good strength and a good eye to spot cleavage in otherwise smooth and slippery rocks were needed.

On Sunday we went to "GLTA HILLS" for outing and there we did "Tracking". The mountains were high, steep and full of plants with deadly thorns, and mind it there were no roses along with those thorns. But once we were at the top of the mountain, we realised that efforts which we put in for climbing up were really worth for such a sight. We were just a furlong away from clouds and in front of us was such a magnificent sight that few of us had ever seen.

On the last day we demonstrated in college, all that we had learnt under the able guidance and

constant vigilance of Mr. Deepak from Young Explorer's Association of Rajasthan. It was a matter of pride for us when everyone cheered and clapped on our efforts. Later we were presented with certificates.

One remarkable thing that I noticed in these 5 days was that none of the members of our group showed any signs of fear or cowardice, instead we faced all the hurdles with a smile on our faces and cheered each other.

The other thing that require mentioning over here is that we were always safe, as we had latest instruments to guarantee our safety. For instance the rope we used could bear a tension of 5000 kg. All other instrument were equally reliable.

So, all those who had not participated in this camp should also experience such thrill of adventure in future.

--Ankur R. Vashishtha
B.E. III Sem. (C.S.)

Man is made or unmade by himself; In the armory of thought, he forges the weapon by which, he destroys himself; he also fashions the tools with which he builds for himself heavenly mansions of joy... By the right choice and right application of thought, man ascends... by the abuse and wrong application of thought, he descends below the level of the beast.

-- James Allen

CAREER

TIPS FOR PERSONALITY DEVELOPMENT

(Compilation by Career Service Cell SKIT)

INTEGRITY

"Oil and truth are bound to come to the surface at any time".

- ☐ Honesty that stands the test of time.
- ☐ A lifetime to gain and a moment to lose.
- ☐ Business accepted or honest.
- ☐ A short term gain for a long term loss.

Integrity is weighed heavier than other attributes.

MORAL COURAGE

"A well beaten path may not lead in the right direction."

- ☐ Standing up for what is right when it is uncomfortable to do so.
- ☐ Can cross friendship lines.
- ☐ Usually indicates a failure to understand the differing feelings of another.

PHYSICAL COURAGE

"Success usually comes to those that are too busy to be looking for it."

- Henry David Thoreau

- ☐ Tenacity of mind and body through adversity.
- ☐ Technology moving at a blistering pace
- ☐ A lack of supply in the IT industry
- ☐ The survivors gain more than success.

SELF CONTROL - WITHDRAWALS/DEPOSITS

Withdrawals

- ☐ Disrespect / Discourteous
- ☐ Criticizing / Humiliating
- ☐ Not keeping commitments
- ☐ Holding grudges

Deposits

- ☐ Kind
- ☐ Apologizing

- ☐ Loyal to those not present

- ☐ Following through

- ☐ Forgiving

ENTHUSIASM

"One person with Enthusiasm makes the majority."

- ☐ Enthusiasm alone makes the difference between the success and failure of a team.

- ☐ Paint a picture that the team desperately desires to achieve.

Leaders understand what motivates each individual of the team.

TACT - TRAITS TO PUT ON

- ☐ Heart of Compassion - Selfless caring.

- ☐ Kindness - Treating everyone as important.

- ☐ Humility - Putting your interests second.

- ☐ Gentleness - Tenderness based on real strength.

- ☐ Patience - Endure tough times joyfully.

- ☐ Forbearance - Enduring misuse and making allowances.

- ☐ Forgiveness - Dropping others' offenses.

- ☐ Thankfulness - Appreciation.

REFINE YOUR COMMUNICATION

- ☐ Communication is two way.

- ☐ Effective listening is critical to communication.

- ☐ Face to Face communication.

- The words that are spoken (7%)

- How the words are spoken (38%)

- Body Language (55%)

- 2 ears, 2 eyes, 1 mouth

INITIATIVE

"When is the last time you tried to punch a hole in the sky?"

- ☐ Taking the lead means making sacrifices that don't pay off as well.

- ☐ Seems like nobody is noticing.

- ☐ Then one day someone notices...

- ☐ Pro-active vs. Re-active.

NOBEL PRIZE 2004

TO WHOM, FOR WHAT

CHEMISTRY

Israelis Aaron Ciechanover and Avram Hershko and Irvin Rose from Amercia were awarded 2004 Nobel Prize in Chemistry for their work that discovered one of the cell's most important cyclical processes, regulation of protein degradation.

PHYSICS

US scientists David G. Gross, H. David Politzer and Frank Wilezek were given the prize for developing a theory which explains quarks, the tiniest building blocks. Their theory describes the smallest objects and their interaction. The model proposed builds on Albert Einstein's theory of relativity and quantum mechanics.

MEDICINE

American researchers Richard Exel and Linda Buck were awarded Nobel prize in medicine for their efforts to better understand and explain how people can smell and recall it years later.

LITERATURE

Australian poet, novelist and playwright Elfriede Jelinek won Nobel for her musical flow of voices and counter voices in her novels and playing that with extra-ordinary linguistic zeal and her exact picturization of absurdity of society's clutches and their subjugating power.

ECONOMICS

Finn kydland of Norway and Edward Prescott of US were awarded Nobel in Economics for their contributions to dynamic Macroeconomics.

--Apurva Akash
B.E. I Year (E.E.)

POETIC DELIGHTS

TRUE FRIENDSHIP

True Friendship is a precious gift,
It is a sincere, tiny seed,
when planted in a heart,
That blooms to fill a need.
The kindly words we say,
The thoughtful acts we do,
Are like a perfect bell,
That rings so clear and true.
The love we see in some one's eyes,
A touch of the hands,
It charts the sorrow and the joy,
for friendships understands.
A trust that can be best between,
A peasant and a king,
It doesn't ever have a doubt,
Or question anything.
True friendship is more than a word,
It is a jewel rare,
To keep and cherish deep with in,
And guard its safety there.

--Mayank Gupta
B.E. - 1st year (C.S.)

MY WISH

If I am sent to the border
I promise to make our
territory broader.
With hope in my heart
I dare to dream.
And it is not to reason why
And it is not to question why
But it is to do or to die.
If I die in a combat zone
Box me up and send me home
Pin all the medals
On my chest
And tell my mom
I did my best.

--Balbir Singh Khangarot
B.E. III Sem (Mechanical Engg.)

MEMORIES

What was once a comfort,
is now a forgotten mess,
I asked for nothing,
now and settle even for less.
Your company was a pleasure,
now the sight of you brings pain.
Of what was once so important,
only memories remain.
A photograph lies before me,
in simple black and white,
fragments of conversations,
late into the night.
What is done is done, it's over,
time flew by in a whirl,
may be one day you'll remember,
when it in your memory swirl.

-- Mehul Jain
BE IVth Sem. (CS)

TO THE FATHER OF NATION

O' Bapu ! see where your India is,
The Nation you left has been
crushed,
You felt hurt if some one lied,
Now, no pain even if someone have
died.
You taught us to fear the 'God',
Now, there is a race which is 'Mod'
You gave up foreign clothes to wear
'Khadi',
Now, there is a race that likes
'Oddie'.
The milk we drink is already
'Mixed',
the match we watch is already
'Fixed'.
The grain we have is being
'Imported',
The brain we need is being
'Exported'.
You fought for the freedom of

'Nation',
Now, we fight for the freedom of
'Fashion'.
I am sure you did not want this,
O' Bapu ! see where your India is.

--Vishal Vyas
B.E. VII Sem. (E & C)

POLLUTION

POLLUTION! POLLUTION!
POLLUTION!
Do we have a solution?
To this smoke and germs and dust,
All over the earth's crust?
Oh, this dreadful pollution.
POLLUTION! POLLUTION!
POLLUTION!
Oh, where on earth is the solution?
It drops into my study,
When I am with my buddy,
Oh, this horrible pollution.
POLLUTION! POLLUTION!
POLLUTION!
Quick, let's find a solution,
Before we start choking,
And gasping and dying,
Due to this awful pollution.
POLLUTION! POLLUTION!
POLLUTION!
There is a simple solution,
Let's grow more and more trees,
And let blow the fresh breeze,
To get rid of this pollution

--Deepak Gupta
B.E. V Sem. (IT)

Heaven has to all allotted, soon
or late,
Some lucky revolution of their
fate.
But if unseized, she glides away
like the wind,
And leaves repenting folly far
behind.

--Dryden

TECHNOFLAIR

APRIL-2004-"CONCORDE IS BANNED !" WHY ?

Concorde, the fastest plane in the world has been banned for its regular flights by the US air-force. The decision came because of the sonic booms produced by the Concorde.

Sonic booms are shock waves or pressure waves resulting from a source traveling faster than the wave propagation speed of sound. Sonic boom is produced when airplane travels supersonically i.e. traveling faster than sound.

Actually, Concorde flying supersonically creates pressure waves at its surfaces which hit the air most. Mainly, Concorde has two pressure waves associated with its front and tail. As the pressure waves spread outwards from the points at which they were formed along the plane's flight path, they get nearly the shape of sharp cones with apex at the aircraft's front and tail. The intensity of the shock or pressure waves is concentrated at the tip of the cone along which they reach ground and create pressure changes.

The front and tail pressure waves are associated with pressures higher and lower than the normal atmospheric pressure respectively. As the shock waves from front sweeps over the ground, the pressure increases over the atmospheric pressure by an over pressure ΔP . It then suddenly decreases to approximately ΔP below normal atmospheric pressure before returning to normal at the

tail pressure wave. This results in major pressure changes at ground as soon as pressure waves from front and tail reach the ground. Lesser is the time difference between the two waves i.e. the faster is the plane the more will be the intensity of sonic boom.

Sonic booms are not only dangerous for human ears, also these may rattle dishes, shatter glass and may even lead to structural damage to some buildings.

In 1998, many countries combined to restrict the flights of Concorde and other super-sonic planes over their air-routes, especially over land due to its hazards. The flights of Concorde became very unecomomical as it was allowed to fly only over water after year 1998. Ultimately, in April 2004, the US banned Concorde for its regular flights under economic and political pressures.

--Apurva Akash
B.E. 1st Year (Elect. Engg.)

FIVE REASONS WHY GOOGLE DOESN'T ALWAYS WORK

a. Google is not a meta search engine.

A meta search is a search of searches from various resources on the web.

b. Google takes only words in its search field.

Meta search engines have the ability to search entire paragraphs, leading to greater accuracy.

c. Google searches based on page rank.

Google's searches are based on how many sites are linked to a particular page. This means that new yet relevant websites will be left out of the initial search results.

d. Google throws up linear search results.

Google for all its intelligence, does not categorise search results, when makes it a unidimensional search site.

e. Google does not have domain expertise.

This means that if you are searching 'Apple' it is likely that the results you get will include the fruit or insect.

Search sites, on the other hand, are domain specific and can throw up results more specific.

--Drashti Dave
B.E. Vth Sem. (I.T.)

CRANKSHAFT MILLING MACHINE

One of the crucial components for production by the automobile industry is the crankshaft. Belgaun in Karnataka is the biggest cluster of crankshaft machining units in India. The units here deploy the old fashioned turning process for machining of the pin and web portions in a crankshaft. This requires multiple set-ups of the component in the machine. All this takes much time and also results in inconsistent component accuracies due to the different set-ups.

There is a more modern method of machining a crankshaft's pin and web portions and this is called milling. This is much faster and

avoids the need for multiple set-ups. Bharat Fritz Werner Ltd. (BFW) in Bangalore has designed and built a Special Purpose Machine (SPM) for machining the pin and web portions of a crankshaft using the process of external milling.

The machine has a large size spindle unit on which is mounted a big milling cutter having a diameter of 700 mm. The spindle has a rigid nose to accommodate the heavy duty cutter. The spindle is driven through a gearbox by a 37 kW motor. The spindle head is mounted on slide units, which are driven by servomotors through ball and lead screws.

One of the servomotors controls the feed movement of the cutter and another one is used to index the milling head in various positions. The spindle head slide is provided with a hydraulic counterbalance system.

The crankshaft is held using two hydraulic chucks. All the feed and cutter movements are through servomotors and are controlled by a versatile siemens 8100 CNC system. Hardened and grounded guideways are provided on all axes.

The machine can accommodate crankshafts ranging in size from 350 mm to 650 mm in length, pin diameter from 40 to 60 mm and a maximum swing diameter of 220 mm.

This machine takes 6 minutes to machine a 4-pin crankshaft while the conventional turning process takes about 80 minutes.

--Balbir Singh Khangarot
B.E. IIIrd Sem. (Mech. Engg.)

MAGNETIC LEVITATION

"We may perhaps learn to deprive large masses of this gravity and give them absolute levity, for the sake of easy transport."

--Benjamin Franklin

Imagine that floating a few cm above the ground while at the speed of 500 kmph with no sound. Just be gush of wind.

Levitation is one of the oldest dream of mankind and to get the experience without gravity. This looks more like a sci-fi for a common man, but concept of magnetic levitation makes this possible.

Recently a new means of transport has been put into operation called "Maglev Train". "Maglev" is acronym for magnetic levitation which floats few inches above the ground while travelling at the speed of 500 kmph with no sound of steel wheels and the whole system being guided just by computer control.

The basic principle for the maglev trains is the "Electromagnetism". The moving charges set up magnetic fields and this magnetic force depends on length of wire, current and magnetic field strength. Maglev technology employs powerful super conducting magnets to levitate or "float" the vehicle.

Linear synchronous motors uses magnetic fields to propel the cars.

Basically maglev trains can be classified as :

- A. Permanent magnet maglev
- B. Electromagnet maglev
- C. Conducting sheet maglev

D. Modern super conducting maglev

Basic technologies of maglev trains are-

1. Electromagnetic suspension (EMS) - It uses electromagnets on the train body which are attracted to the iron rails. It is developed by German Engineers called Transrapid. The levitation of the train above the ground in it is 1 cm.
2. Electrodynamic suspension (EDS). It levitates the train by repulsive forces from the induced currents in the conducting guideways. This system is developed by Japanese Engineers. The key difference between German and Japanese maglev trains is that Japanese train use supercooled super conducting electromagnets which can conduct electricity even after the power supply has been turned off. The levitation in it is 10 cm.

It is advantageous over the conventional trains as

- No wheels are used
- Uses guide ways (track)
- Performance is much better than conventional one
- No pollution
- Safer.
- Running cost is low.
- Power supply used in 66kv dc.

Its applications are-

1. water train
2. Mach3 maglev
3. Maglifter.

--Jyoti Vashistha
Lecturer, Dept. of Electrical
Engineering

MISCELLANY

LANDMINES : AN EPIDEMIC

Each year, landmines claim 15,000 to 20,000 victims worldwide. Almost every half an hour, someone in some part of the world is sacrificing his life or limb at the altar of this insidious weapon. Nearly 80% victims are innocent civilians, including women and children. It is therefore, not surprising that landmines have been described as the biggest man-made epidemic relentlessly claiming victims year after year.

Landmines are far more lethal than other conventional weapons. Once they are laid under the ground, they remain potential killers for decades, in peace as much as in war. They do not discriminate between friend and foe, between the booted foot of a soldier and the naked foot of a child.

Families lose their sole bread-winners who accidentally step on a landmine. Productive land remains inaccessible to cultivation for years. In countries like Afghanistan, Angola, Bosnia and Cambodia, landmines have engendered a major socio-economic problem. Moved by the plight of landmines victims, civil society resolved a decade ago that the only solution to this menace was to work towards a "mine free world". Thus was born a global movement for an outright ban on anti-personnel mines. A

mine ban convention was concluded in Ottawa in Dec. 1997. The international campaign to Ban Landmines, the NGO that spearheaded the crusade, received the Noble peace prize in 1997.

Till now, as many as 143 countries have joined the Ottawa convention, 9 more have signed, but are awaiting ratification.

India and Pakistan are yet to sign this treaty. A Seminar was organised by some NGOs with the help of Indian Red Cross Society in Hotel Mansingh on Nov. 18th, 2004, in which I was also representing our Institute's Youth Red Cross Club. Agenda of Seminar was to pressurise the Govts. of India and Pakistan to sign this treaty as soon as possible so that civilian casualties caused by landmines can be stopped. One can see this alarming situation by this report. According to a survey conducted in March this year, the number of civilian casualties caused by landmines in Rajasthan, Punjab and Jammu, following the 2002 military build up, adds up to an alarming number 779. Thus, this is high time when India should devise some constructive strategy to abolish this epidemic.

--Jaiprakash Bhamu

Incharge Youth Red Cross Club, SKIT
(Lecturer, Dept. of Mechanical Engineering)

MR. TALKATIVE GETS A JOB

Mr. Talkative sent his Bio-data to apply for a post in Microsoft Corporation, U.S.A. A few days later he got reply. He arranged a party and when all guests came, he said:

"Bhaiyo Aur Behno, aap ko jaan kar khushi hogi ki hum America mein naukri paa gaya hoon"

Mr. Talkative continued *"Ab main aap sab ko apna Appointment letter Padkar sunaonga - Par letter angreze main hai - isliye saath - saath hindi mein translate bhee karoonga."*

Dear Mr. Talkative - *Pyare Talkative Bhaiya.*

We are sorry - *Humse galti ho gayee.*

to intimate you that - *aap ko yeh batana hai ki.*

You do not meet - *aap to milte hain nahi hain.*

our requirement - *humein to zaroorat hai.*

Please do not send any further correspondence - *ab letter vetter bhejne ka kauno zaroorat nahin hai.*

No phone call - *Phoonwa ka bhee zaroorat nahin hai.*

Shall be entertained - *Bahut khaatir kee jayegi.*

Thanks - *aapka bahut bahut dhanyawad.*

--Nikhil Prajapati
B.E. III Sem. (EE)

चिन्तन-मनन

बूढ़ी आँखें (विश्व वृद्ध दिवस)

एक पेड़ तना खड़ा है ठूठ सा देखो
एक हरा पत्ता अभी भी बाकी है।
एक लता अभी भी आलिंगन में है
एक आशा जीने की बाकी है।

एक बूढ़ा पेड़ जिसने पत्तों का पालन-पोषण किया, उन्हें स्वयं की तरह एक बड़ा पेड़ बनाने के प्रयास में जिन्दगी बिता दी आज वही अकेला खड़ा है, सहारे और छाया की तलाश में। यही हाल हमारे देश में वृद्धों का भी है, जिन्हें बच्चों के द्वारा तिरस्कृत होने पर खुद के लिए सहारे की तलाश में अकेले निकलना पड़ता है।

हाल ही में हमने 30 सितम्बर को विश्व वृद्ध दिवस मनाया। पर, क्या हम सही मायनों में वृद्धजन को मान और समाज में प्रतिष्ठित पद दे रहे हैं? क्या हम उन्हें वही सम्मान और प्रेम दे रहे हैं जिसके वे सही मायनों में हकदार हैं? आज जहाँ मेडिकल साइंस के प्रगति करने के कारण एक ओर मनुष्य का जीवनकाल 10 साल बढ़ गया है, वहीं दूसरी ओर हमारा और भी नैतिक पतन हुआ है एवं हम और भी भावना शून्य हो गए हैं।

संवेदनहीनता के इस दौर में हमें यह समझना चाहिए कि हमारे जीवन में हमारे बड़ों का अत्यंत महत्व है। उनका स्थान आदरणीय और पूजनीय है। वे हमारी अमूल्य सम्पत्ति हैं। देखा गया है कि दादा या नाना कि छत्र-छाया में पल रहे बच्चे दूसरों से कहीं अधिक संस्कारी और जिम्मेदार होते हैं। बुजुर्गों के अनुभवों से प्रेरणा लेकर और उनकी भावनाओं का सम्मान करते हुए ही जीवन में आगे बढ़ना चाहिए।

फल न देगा तुमको न सही,
छाया तो देगा तुमको
पेड़ा बड़ा ही सही
आंगन में लगा रहने दो।

अतः हमें इस विश्व वृद्ध दिवस पर यही शपथ लेनी चाहिए कि हम सदैव इस अमूल्य सम्पत्ति का सम्मान करेंगे एवं इन्हें वही स्नेह, सम्मान और सहारा देंगे जिसके वह सही मायनों में हकदार हैं। वहीं सभी वृद्धजनों को यह संकल्प करना होगा कि वे अपनी सभी जिम्मेदारियों का पूरी ईमानदारी से पालन करेंगे एवं कभी भी अपने जीवन में आशा का साथ नहीं छोड़ेंगे।

--धारणा जौहरी
बी.ई. प्रथम वर्ष

अद्भुत इंजीनियर

अंग्रेजों के शासनकाल की घटना है। बम्बई मेल यात्रियों से खचाखच भरी हुई जा रही थी। यात्रियों में अधिकतर अंग्रेज थे। सभी यात्री बातों में मग्न थे। एक डिब्बे में एक यात्री गुमसुम बैठा था। साँवले रंग, मंझले कद का वह यात्री धोती कुर्ता पहने था। वह किसी से बातचीत नहीं कर रहा था। इसलिए अंग्रेज उसे बेवकूफ और निपट देहाती समझ रहे थे और उसकी खिल्ली उड़ा रहे थे। मगर वह सबसे अलग, किसी की बात पर ध्यान नहीं दे रहा था। परन्तु कुछ ही देर बाद उस व्यक्ति ने रेल की जंजीर खींच दी। तूफान की गति से दौड़ती हुई बम्बई मेल रुक गई। पास बैठे लोग उसे पागल, गंवार, भला-बुरा कहने लगे। तभी गार्ड वहां आ पहुंचा और पूछा 'जंजीर किसने खींची है?' उस व्यक्ति ने कहा, 'जंजीर मैंने खींची है।' गार्ड के पूछने पर उसने आगे बताया, 'यहाँ से लगभग एक फर्लांग दूर रेल की पटरी उखड़ी हुई है।' 'आपको कैसे पता लगा?' गार्ड ने जानना चाहा।

'गाड़ी की स्वाभाविक गति में अन्तर आ गया है। इससे प्रतिध्वनित होने वाली गति से मुझे खतरे का आभास हुआ।'

गार्ड उस व्यक्ति को लेकर एक फर्लांग आगे जा पहुंचा और देखकर दंग रह गया कि वास्तव में एक जगह रेल की पटरी के जोड़ खुले हुए हैं और नट बोल्ट अलग पड़े हैं। काफी संख्या में

और लोग भी वहां जा पहुंचे। अब वे लोग उसकी प्रशंसा कर रहे थे जो उसे पागल और गंवार समझ रहे थे। गार्ड ने उससे उसका नाम पूछा। उसने सहज भाव से कहा, 'मैं एक इंजीनियर हूँ और मेरा नाम है डॉ. एम. विश्वेश्वरैया।' नाम सुनते ही सब लोग सन्न रह गए। उन्हें गाली देने वाले क्षमा मांगने लगे। डॉ. विश्वेश्वरैया ने कहा, 'आप लोगों ने मुझे जो कुछ भी कहा मुझे कतई याद नहीं है।'

--मोहित अग्रवाल
बी.ई. द्वितीय वर्ष (कम्प्यूटर अभियांत्रिकी)

मोमबत्ती से सीख

जीवन और मोमबत्ती, यदि दोनों नाम एक साथ लिए जाएँ तो कुछ अटपटा सा लगता है। मगर सच में देखा जाए तो दोनों ही एक दूसरे से गहरा सम्बन्ध रखते हैं।

जिंदगी की शुरुआत होती है साँसों के साथ और मोमबत्ती रोशनी देना शुरू करती है जलने के साथ। दोनों जानते हैं इनका अस्तित्व एक दिन खत्म जरूर होना है। एक हवा का झोंका पता नहीं कब मोमबत्ती के वजूद को मिटा दे। इसी तरह से ये जीवन कब छिन जाए, कुछ कहा नहीं जा सकता। आज नहीं तो कल इन्हें मिटना ही है।

मगर जिस तरह से मोमबत्ती खुद जलकर दूसरों के जीवन को प्रकाशमान बनाती हैं, उसी तरह से हे मनुष्य! अपने कर्म की गर्मी में जलकर दूसरों के जीवन को प्रकाश रूपी खुशियों से भर दे।

इस क्षण भंगुर जीवन में अपने कर्मों द्वारा किसी जीवन में मुस्कान बिखरने का प्रयास ही मोमबत्ती द्वारा प्रदत्त सीख है। मनुष्य जीवन की सार्थकता ही अपनी परिकल्पनाओं से अलग दूसरों की व्यथाओं को समझने व अपने नैतिक कर्तव्यों का निर्वाहण करने में है।

--रजत गोयल
बी.ई. तृतीय वर्ष (सूचना प्रौद्योगिकी)

भावनायें

आगमन नव वर्ष का

नव वर्ष का हुआ है आगमन,
जो करता है दिलों को पावन।
नव वर्ष मानो हो नवजीवन।।
जीवन एक बीज का,
जिसे मिला आज अंकुरण,
हुआ कोमल पत्तों का प्रस्फुटन।

जीवन मानो एक कली का,
जिसे मिला आज यौवन,
भंवरे को मिला उसका पोषण।

जीवन जैसे एक शिशु का,
जिसने सीखा पहला कदम,
यूँ शुरू हुआ उसका बचपन।

नव वर्ष की नव भोर में,
खुशियाँ फैली चहुँओर है।

फैला हर दिशा में प्रकाश है,
मन में उमंग व उल्लास है।

जागृत करना है आशा और विश्वास को,
सपनों को हकीकत में बदलना है।

परिस्थितियाँ चाहें हो कितनी विषम
मुसीबत का सामना करेंगे प्रतिपल।

प्रण लेते हैं हार न मानेंगे हम,
विजय का परचम लहराएँगे हम।

नव वर्ष की पावन बेला में,
जीवन को खुशहाल बनाएँगे हम।

--आशा कपूर

बी.ई. तृतीय वर्ष (सूचना प्रौद्योगिकी)

प्रकृति रस

प्रकृति के तारों की झंकृत स्वर लहरी
की मधुर तान को सुन
और हो जा बावरा
इक अनोखी मिठास है उसमें
और भरा है सौन्दर्य का रस
उस मिठास को तू छू
और महसूस कर उस खुशी को
जो मिलती है उस पल
जब देता है जहाँ में कोई प्यार किसी को

और पाता है बदले में जी भर
तब मिलता है असीम आनन्द और खुशी होती है
इस दुनिया में आने की
तो चल उस राह पर बढ़ और पा ले अपनी
मंजिल
कर सभी को प्यार और रख मन में समानता
भावना दिल में सद, और उत्तम विचार की
कामना
फिर तुझे कोई गैर नहीं लगेगा
तू सबका होगा और ये पूरा जहाँ तेरा होगा।

--अंकित जोशी

बी. ई. प्रथम वर्ष (सूचना प्रौद्योगिकी)

कोशिश

लहरों से डरकर नौका पार नहीं होती
कोशिश करने वालों की हार नहीं होती।
नहीं चींटी जब दाना लेकर चलती है
चढ़ती दीवारों पर सौ बार फिसलती है।
मन का विश्वास रंगों में साहस भरता है
चढ़कर गिरना, गिरकर चढ़ना न अखरता है।
आखिर उसकी मेहनत बेकार नहीं होती
कोशिश करने वालों की हार नहीं होती।
डुबकियाँ सिंधु में गोताखोर लगाता है
जा जाकर खाली हाथ लौट आता है।
मिलते न सहज ही मोती गहरे पानी में
बढ़ता दूना उत्साह इसी हैरानी में।
मुट्ठी उसकी खाली हर बार नहीं होती
कोशिश करने वालों की हार नहीं होती।
असफलता एक चुनौती है - स्वीकार करो
क्या कमी रह गई देखो और सुधार करो।
जब तक न सफल हो, नींद चैन की त्यागो तुम
संघर्षों का मैदान छोड़ मत भागों तुम।
कुछ किए बिना ही जय जयकार नहीं होती
कोशिश करने वालों की हार नहीं होती।

--मुकेश कानोडिया

बी. ई. प्रथम वर्ष

लौटा दो

चेहरे की मुस्कान लौटा दो
जीवन की पहचान लौटा दो,

जो रंग भरते थे जीवन में, जिनके बगैर अधूरे थे,
हो सके तो वो अरमान लौटा दो,
कदम-कदम पर धोखे हैं,
मंजिल तो दे दी
रास्ते ही तो लूटे हैं,
पाकर भी जिसे खुशी मिले, ऐसी हार लौटा दो
गुमनाम हुआ संसार लौटा दो
आँखे नम होती हैं जिसकी याद में,
हो सके तो वो माँ का प्यार लौटा दो,
जो वजूद था मेरा, जिसके दम पर आई थी,
सारे गम पीकर भी जिसने, हमारी आन बचाई थी
पाकर जिसे किसी की न फिर चाहत हो,
हर लम्हा मन में जिसकी आहट हो,
साथ से जिसके जीत मिले
पथ से विस्मित हुए इस जीव को,
उसका खोया आज लौटा दो,
हो सके तो माँ की गोद लौटा दो,
चेहरे की मुस्कान लौटा दो।
जीवन की पहचान लौटा दो।

--विनीता पांडे

व्याख्याता (विद्युत एवं संचार)

चलता चला जा

तू जीवन में, ग्रहों में मंजिल की दिशा में,
अथक प्रयत्न से चलता चला जा।
तू नभ में, पवन में, जमीं पर, जहाँ में,
जयघोष को अपने बढ़ाता चला जा।
नहीं कोई दूजा तेरे जैसा जहाँ में,
तू अपने को सिद्ध करता चला जा।
तू अखण्ड ज्योति ईश्वर की है इस जग में,
इस ज्योति को निरन्तर जलाता चला जा।
ज्योति का अनुभव कर स्वयं में तू,
इसकी चमक से जगमगाता चला जा।
गगन में भी फतह हो जाए तेरी,
विचारों को ऐसा बनाता चला जा।
राहों में जीवन की अथक निरन्तर,
तू चलता चला जा, तू चलता चला जा।

--हिमांशु विजयवर्गीय

बी. ई. द्वितीय वर्ष (कम्प्यूटर अभियंत्रिकी)

उम्मीद

कुछ ना होने पर भी, सदा पास रहती है,
मुसीबतों से लड़ते रहो, हमेशा ये कहती है
शायद यही तो वह भावना है
हाँ, यही तो उम्मीद है।।

जिसके ऊपर सारी दुनिया टिकी है,
मौत भी जिसके आगे कई बार झुकी है।
जो सदा नई जिंदगी की राह दिखलाती है,
हाँ तभी तो ये उम्मीद कहलाती है।।
एक हार के बाद, जो हारने से नहीं डरती है,
नई जीत की राह पर, हमें फिर तैयार करती है।
जो हमें नई जीत का अहसास कराती है,
सारी दुनिया इसे ही उम्मीद बताती है।।

एक हार के बाद अगर, फिर से जीत ना पाये,
देखना मगर जीत की कहीं ये उम्मीद ना टूट
जाये।

अनेक हार के बाद सही, कभी तो मिलेगी जीत,
बस दिल में जगाए रखो, तुम सदा उम्मीद।।

--अभिनव कश्यप
बी.ई., प्रथम वर्ष

जीवन संघर्ष

जीवन एक संघर्ष है,
चलता मृत्यु पर्यन्त है।
राह में आती है कठिनाइयाँ,
उससे होती है बहुत परेशानियाँ।
सफलता के मार्ग में बहुत है जोखिम,
उस तक पहुँचना है बहुत ही दुर्गम।
लेकिन इंसान उन्हीं को कहते हैं,
जो परिस्थितियों का सामना करते हैं।
एक बार में ही हार नहीं मानते हैं,
गिर कर भी उठने का हौसला रखते हैं।
क्योंकि जिन्दगी जिन्दादिली का नाम है,
उसे निभाना अविरल हमारा काम है।
मार्ग में साथ न देगा दोस्त तेरा,
और अपना भी बन जाएगा पराया।
उपाय एक सरल सा है,
लक्ष्य तक सीधा जाता है।
अगर है धैर्य, साहस और लगन,
मार्ग भी बन जाएगा सुगम।
तू एक तेज है, सर्वस्व है,

तू कहे, जमाना सुने, खुद को ऐसा बना।
क्योंकि तुझमें एक संसार होगा,
उसमें जीवन का संचार होगा।
फिर होगा जीवन संघर्ष,
चलता रहेगा मृत्यु पर्यन्त।।

आशा कपूर
बी.ई. तृतीय वर्ष (भूचना प्रौद्योगिकी)
गुरु महिमा

चाहा मैंने करना वर्णन, गुरु की महिमा का,
एक सादे कागज और कलम से
पर भूल थी मेरी, न समझ पाई अपनी नादानी
जब बैठी लिखने, तो शब्द ही नहीं मिल पा रहे
थे मुझे।
सोचा तुलना करुं गुरु की इस 'चाँद' से,
पर शीतलता कम थी, गुरु के सानिध्य से।
फिर सोचा, क्यों न दूँ उपमा उगते सूरज की
पर तेज कम था, गुरु के बोलों से।
चाहा उपमा देना गुरु को, इस अनन्त आकाश
की,
पर विशालता कम थी, गुरु के आदर्शों से।
फिर सोचा, दूँ उपमा इन बहती नदियों से,
पर उमंग कम थी, नई उमंग भरने से।
सोचा, तुलना करुं गुरु की, इन चमकते सितारों
से,
पर चमक कम थी, गुरु के विचारों से।
मन ने चाहा, दे दूँ अपना गुरु को, इस धरती
की,
पर ममत्व भी कम था, गुरु के आश्रय से।
अतः मन में विचार आया,
करुं तुलना इस सृष्टि के निर्माता से,
पर....
एक घाँर फिर हार गई मैं।
सृष्टि निर्माण में भी तो है, इतना पक्षपात,
कहीं पहाड़ तो कहीं अनंत मैदान।
पर गुरु की नजरों में तो, हम सभी हैं समान।
अतः जब विचारों को आगे बढ़ाया
तो महसूस हुआ...
वह भूल थी मेरी,
मैं देना चाहती थी शब्दों में, गुरु का प्रतिरूप।
पर इस ज्योति पुंज
ममता की मूरत

त्याग और समर्पण की प्रतिमा,
का वर्णन तो इस अनंत आकाश पर
प्रतिबिम्बित करना भी असंभव है।
अतः मैं गुरु चरणों में शत शत नमन करना
चाहती हूँ, जिनके सानिध्य में रहकर हम अपनी
जीवन रुपी फुलवारी को पुलकित कर सके।

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