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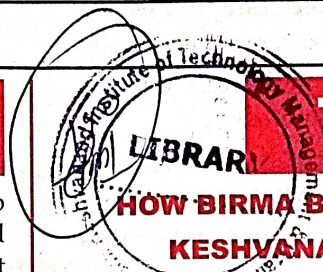
EDITORIAL

Of the many jewels which add to the glory of Swami Keshvanand Institute of Technology, Management and Gramothan (SKIT), THE SKIT TIMES is one of the nicest. SKIT is not only committed to promoting higher learning in advanced technology and industrial research but also to honing the creative skills of the students to fabricate well-rounded personalities, gritty enough to face the challenges of the new millennium. THE SKIT TIMES has an important contribution in this mission as it is the vehicle of the creative talent of the Institute.

Therefore, to be associated with THE SKIT TIMES is a matter of great pride as well as privilege. We would take this opportunity to convey our gratitude to Mr. K.N. Mathur, the previous editor, who was instrumental in launching THE SKIT TIMES and fetching it a tremendous reputation through his perennially unflinching efforts.

The present issue caters to various tastes of readers. Apart from acquainting them with the activities on SKIT campus, it brings to them various articles of technical and general interest ranging from thought-provoking motivational articles to pieces written in the light vein to break the monotony of philosophical contemplations. Verses written on various subjects bear testimony to the poetic sensibility of technically skilled students.

We believe that this issue will induce delight in its entirety. Yet to what degree we have succeeded in our efforts is best left to the reader to judge.



HOW BIRMA BECAME KESHVANAND

Birma, whose childhood was denied any formal education and was laced with the pangs of poverty, cultivated an uncanny inclination towards Sanskrit at the age of seventeen, while staying at *Arya Anathalaya* (orphanage) of Ferozepore, Punjab. It not only impelled him to undertake long journeys on foot but also to break away from the shackles of caste. He adopted saffron robes and became a *Sadhu* (Saint). Saint Kushal Das inducted him into *Udasi Panth*. This meeting of two noble souls took place in the beginning of 1904. Kushal Das taught Birma Punjabi. In a very short span of time, he conquered his Guru's heart and became an immaculate *pathee* (recitor) of *Guru Granth Sahib*.

Birma's thirst for Sanskrit was still unquenched. His search for a competent Sanskrit teacher took him to Allahabad during the *Kumbh-Mela* of 1905. Here, one day he happened to participate in the recitation of the *Katha* of *Atma Puran* at Mahant Hiranand's *Akhaara* of *Abadhoot* sect.



1883 - 1972

As his accent was quite clear and better than the other *pathees*, he attracted the attention of Mahant Hiranand who praised him saying, '*Are ye to doosara Keshvanand hai* (Oh, he is another Keshvanand)'. And this name, mentioned in a chance remark, stuck to him. Giving us the background of new name Birma states:

'This Keshvanand was an important figure of the *Awadhoot* sect. He was a learned scholar, and was popularly known for his great knowledge and accent.'

But Birma as Swami Keshvanand was much more than this. He was a staunch *karmayogi*, great patriot, unwavering social reformer, committed educationist and unswerving proponent of human values.

--Narendra Kumar
Lecturer, English Deptt.

Doubt the negative and put your trust in the positive. When your senses are engaged in Goodness, then you will create Light and Fragrance, when engaged in Impurity you create Smoke and Darkness. --Sri Sri Ravi Shankar

FROM THE DIRECTOR'S DESK



'The woods are lovely,
dark and deep,
But I have promises to keep,
And miles to go before I sleep,
And miles to go before I sleep.'

Today, when we are cherishing our lot of success, enjoying the sweet fragrance of accomplishment, these verse lines from Robert Frost should be the fountain of inspiration for all of us. I congratulate all the faculty members and students for their unflagging efforts and unswerving commitment to make SKIT a name of high repute. But, at the same time, I

would caution them against the dangers of complacency which is an inevitable but undesired corollary of success. Universally speaking, we still have and we always have 'miles to go'.

Since this is the first issue of THE SKIT TIMES in the current session, I would take this opportunity to welcome all new members of SKIT family, students as well as teachers and also staff members.

I would also affirm that SKIT is a meeting place for all young minds with an urge to surge ahead. Here, the youths of new era discover their so-far hidden skills and hone them to their excellence. SKIT's team culture nourishes students' aspirations, guides their actions and infuses their lives with buoyancy and vitality through the myriad hues

of curricular and co-curricular activities.

To hostlers, I would assert that though we can't take the place of your parents yet we are resolute to provide you with an aroma of your home. We endeavour to ensure that you don't miss the care and affection of those great souls who heavily-heartedly have sent you away from their eyes for your bright future.

We are here to greet you, console you, and, if necessary, scold you to mould you into your parents' pride and committed citizens.

I wish you all a very nice and fruitful time here and a fabulous and enjoyable career hereafter.

--K.R. Bagaria
Director

NEWS IN BRIEF

SKIT EXPLORES POSSIBILITIES OF TIE-UP WITH U.S. COMPANIES

Professor M.L. Bhargava, Head of Industrial Economics and Training and Placement, visited U.S.A. in July and August 2004 with the objective of facilitating SKIT's association with a number of U.S. companies. There he met CEOs of several companies including CEO of M/s. OpalSoft Inc., Mr. O.P. Choudhary and CEO of M/s. TeleSynergy Research Inc., Mr. James Y. Kou.

OpalSoft delivers the complete suite of IT professional services with the focus on IT services in software engineering and custom application development, application integration and technology consulting.

TeleSynergy is a leading provider of IT-enabled office communication solutions. It caters a perfectly integrated all-in-one office communication solution with advanced PBX functionalities such as Auto-attendant, Voice Mail, Interactive Voice Response (IVR),

Fax-on-Demand (FOD) functionalities, Web Based Unified Messaging (UMS) and Internet Communication through Voice over IP (VoIP) with Quality of Service (QOS).

Areas of operation of both these companies are of interest to SKIT students from viewpoints of training, enhancement of skills as well as placements. CEOs of both the companies, Mr. O.P. Choudhary and Mr. James Y. Kou, while taking note of SKIT's interest in establishing interface with industry

and of projects successfully completed by its 2004 batch students for various industries, have agreed to associate SKIT in their activities. This is noteworthy that this association of SKIT with the companies like OpalSoft and TeleSynergy will be for effective interaction of company's executives with students and also for pilot project development work. This may sound challenging but all the hurdles can be overcome by SKIT students by enhancing their communication skills and coming forward for interactive sessions with various industrial experts whole-heartedly, as was done by 2004 batch students.

EXCELLENT PLACEMENTS

SKIT's Training and Placement Cell under the supervision of Prof. M.L. Bhargava has performed astoundingly well. It has ensured a large number of placements for its students in various reputed and well-established companies. Below is given the list of companies where the students of 1st batch of SKIT got placements in the session 2003-04 :

S. No.	Name of the Organization	Final Selections
1.	Infosys Technologies Ltd., Bangalore	16
2.	Satyam Computers Pvt. Ltd., Secunderabad	3
3.	Grasim Cement (Aditya Birla Group)	5
4.	Syntel India Limited, Mumbai	3
5.	HDFC Bank, New Delhi	1
6.	iTG Software India Limited, Jaipur	2
7.	HCL Infosystems, Noida	5
8.	Sterling Telecom and Net Systems Limited, Chennai	16
9.	Rajcomp, Jaipur	2
10.	Hexacom India Private Limited, Jaipur	3
11.	Exl Service.com (I) Pvt. Ltd., Noida	4
12.	ACT Cryogenics, Jaipur	2
13.	vCustomer India Pvt. Ltd., New Delhi	29
14.	Supportscape Enshore, Jaipur	17
15.	HSBC Bank	19*
16.	T.C.S., Mumbai	2
17.	Onida, Faridabad	2
	Total Selections	131
	Total Strength of the Batch	224

*Final Result is awaited.

VCUSTOMER INDIA INTERVIEWS

vCustomer India Pvt. Ltd., New Delhi organized centralized campus interviews at SKIT for graduates

(Tech/Non-Tech) from all over Jaipur on 23rd and 24th July 2004 for the posts of Technical Support Executive and Customer Care Executive. A total of 300 candidates participated from various engineering and other colleges and 30 candidates were finally selected.

INDIAN ARMY AT SKIT CAMPUS

Indian Army headed by Lt. Col. Yadav visited SKIT for conducting Campus Interviews under University Entry Scheme on 9th July 2004 for final year and pre-final year batches. Over 100 students appeared. Team appreciated the response of SKIT students.

INDIAN NAVY CONDUCTS CAMPUS INTERVIEWS

Indian Navy team comprising of three Naval Officers headed by Commander Kumar Paritosh visited SKIT for conducting Campus Interviews under University Entry Scheme on 25th and 26th of September, 2004 for final year students. Students from Electronics and Electrical streams participated. The team appreciated the performance and response of the students.

FELICITATION BY THE GOVERNOR



Prof. Surana receiving the award from the Governor Mr. M.L. Khurana

On 29th May, 2004, SKIT was honoured by Swasthya Kalyan Blood Bank and Thalassemia Research Society, Jaipur for organising a voluntary blood donation camp. A medal and a certificate was given by the Governor of Rajasthan Mr. M.L. Khurana to felicitate the Institute on the occasion of 9th anniversary celebration of Swasthya Kalyan Blood Bank organised in the governor house. Principal Prof. S.L. Surana received the award on behalf

of the Institute.

Indian Red Cross Society has also acknowledged Institute's contribution by providing it an 'Award of Merit' certificate.

MECHANICAL DEPARTMENT SETS UP NEW LABS



**Students honing their skills
at Mechanical Lab**

Mechanical department has developed modern facilities for conducting innovative experiments in fluid mechanics, mechanics of solids, material science and dynamics of machines. The experimental equipments have been chosen in such a way that they can have multiple educational value. In addition to their main purpose of normal laboratory work, they can be used for student projects and industrial consultancy. Models selected are usually sectional as well as working models so that their instructional value is much more. All the laboratories have acquired requisite measuring instruments, tools and accessories, materials and specimens etc.

In the department, student-centred aims for laboratory works have been decided and the concept of rotating team leadership for group working has been introduced.

In addition, industrial practice

of maintaining a log book by each student has also been implemented. Lots of emphasis is being given for inculcating an attitude of safety consciousness in students.

B.E. I YEAR ADMISSIONS

The entire 420 seats of all branches were filled in the I phase of counselling. As SKIT acquires a prominent place due to its uncomparable performance and excellent placements, everyone was eager to ensure a seat in SKIT only.

CAMPUS BLOOMS WITH FRESHERS

6th August, 04 was the first day of college for B.E. I Year students. Freshers entered the campus with great enthusiasm and excitement. Seniors gave them a warm welcome by performing *Tika* ceremony. On the very same day, teachers acquainted them with the multifaceted SKIT culture and healthy and disciplined educational environment.

Principal Prof. S.L. Surana enlightened the students alongwith his blessings in subsequent sessions. In his address he emphasized the importance of regularity, punctuality, discipline, hard work, dedication and participation in various co-curricular activities.

INDEPENDENCE DAY CELEBRATION

57th Independence Day was celebrated in college campus with a great zeal and devotion amidst much fanfare. Even the humidity

and hotness of weather couldn't diminish the joy of celebration.

Honorable Chairman Mr. S.R. Meel hoisted the tricolour. The flag hoisting was followed by national anthem.

In his address, Honorable Chairman expressed his disappointment at moral degradation, declining value system and longing for the moral integrity of freedom fighters. He said that we should refrain from dependence on government jobs. We can rely on private sector or can become a job-creator rather than a job-seeker. Vice Chairman, Mr. Anil Bafna warned the students against negative thinking and pessimism. He asserted that if students do their best, there is no obstruction in gaining success. He also affirmed that our own culture is very rich; we can learn many things from Vedas; there is no need of blindly adopting western culture.

Director, Mr. K.R. Bagaria threw light on the contribution of Swami Keshvanand in education and in freedom struggle. He also congratulated the students and faculty members for the astounding success of SKIT and offered his good wishes for even a brighter future.

Principal Prof. S.L. Surana reminded students of the four principles, viz. discipline, hard work, perseverance and commitment, as the key to success.

In his vote of thanks Prof. N.K. Banthia recalled four sweetest 'laddoos' of his life which he had on

the first Independence Day celebration on 15 August 1947. He thanked all and sundry extending from management to staff, to faculty, to students, to all the labourers who worked for the celebration.

Cultural programmes put up by students in honour of freedom fighters and Bharat Mata added various hues to the celebration. Celebration was followed by various sport activities, especially organised for the students and staff members.

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 gave a series of lectures on communication skills and personality development for the students of B.E. final year. In his eight days schedule he also focussed on business etiquettes and soft skills.

He delivered a special lecture for teachers in which he emphasized on interaction between teachers and students and on the need of case studies for the over-all development of students. He threw light on the various aspects of teaching and learning and also satisfied various queries of teachers. Overall, the sessions with students and faculty were nice and enlightening.

WELCOME ARRIVAL

We extend a hearty welcome to the following who have joined our teaching fraternity during the current academic session :

Prof. N.K. Banthia (Prof. and Head, Dept. of Mechanical Engineering) : Prof. Banthia, a B.E. from Pilani, M.Tech from IIT Kharagpur and Ph.D. from IIT Kanpur, is a scholar with an excellent academic career. He headed the department of Mechanical Engineering, at National Institute for Technical Teacher Training and Research, Bhopal for 25 years, has been on the faculty of mechanical engineering for about 16 years at BIT, Ranchi and the Dean faculty of technical education and Chairman of research technical committee at Barkatullah University, Bhopal. He has served as a consultant to the British Council for regional college Engineering projects and has been on the faculty of many international universities like, University of Tripoli, Lebia and King Mongkut University of Technology, Bangkok, Thailand. He has also visited Australia and New Zealand as a member secretary of the visiting team from the government of India for studying technical education systems in these countries.

Mr. Alok Mathur (Reader, Dept. of Mechanical Engineering) : He is a B.E. (Honours) in Mechanical Engineering from MREC (now MNIT), Jaipur and has done his Post Graduate Diploma in Management from AIMA. He has an Industrial Experience of thirty four years. During these years he was associated with the manufacturing and development of mechanical and electromechanical instruments, digital exchanges and UPS systems.

Mr. Anil Choudhary (Reader and Head, Dept. of IT and Computer Engineering) : Mr. Choudhary has had a long association with IBM. There he has served as a technical head. He was also associated with IT department Government of India. He is M. Sc. in Mathematics and M.Tech. in Computer Sciences.

Other Faculty members who have joined as lecturers are :

Mr. Vijay Kumar Agrawal (M. Tech., IIT Kanpur), Mr. Ashish Nayyar, Ms. payal Tahiliani and Mr. Jitendra Sharma (Dept. of Mechanical Engineering)

Mr. Deepak Gupta, Mr. Rajesh Dudi, Mr. Girish Bohra, Mr. Jitendra Kumar Agrawal, Mr. Manoj Kumar Khandelwal, Ms. Nidhi Gera, Mr. Nitin Sharma, Mr. Rohit Pareek and Ms. Shikha Jain (Dept. of IT and Computer Engineering).

Mr. Amit Garg, Ms. Seema Sethia, Ms. Vinita Pandey, Mr. Prem Raj Gurjar, Mr. Mukesh Gupta, Mr. Vikas and Mr. Alok Mittal (Dept. of Electronics and Engineering).

Ms. Preeti Gupta, Ms. Jyoti Vashishtha, Mr. Purusottam Das, Ms. Shikha Gupta, Mr. Vishal Sharma, Mr. Hemant Sharma and Mr. Manoj Khandelwal (Dept. of Electrical Engineering).

Mr. Rajesh Soni (Dept. of Physics)

Dr. Sangeeta Nagpal, Mr. Narendra Kumar (Dept. of English).

We feel delighted in welcoming you all and wish you a nice time at SKIT campus.

MANAGEMENT-FACULTY MEETING

On the initiative of Principal Prof. S.L. Surana, a meeting of management and faculty was held on 7 August 2004 in order to facilitate interaction among faculty members.

On this occasion chairman Mr. S.R. Meel congratulated faculty for contributing in making the Institute a name of high repute and credibility in a short span of four years. He expressed his satisfaction on the present way of on-line counselling which is much more transparent than the earlier way. He said that no stone will be left unturned as long as it is for the betterment of the Institute.

Director Mr. K.R. Bagaria categorically affirmed our commitment of not resorting to short cuts like propaganda creation but to rely only on performance for thriving.

Principal Prof. S.L. Surana reiterated his resolution to be accessible to the faculty all the time and assured them of his prompt support whenever they require.

All the faculty members introduced themselves and thanked management for having faith in their abilities. They also asserted their dedication to usher SKIT to greater heights.

SUMMER SCHOOLS ATTENDED

Mr. Amber Srivastava, lecturer in Mathematics, attended a summer school on Discrete Mathematical Structure held at MANIT, Bhopal from June 7 to June 18, 2004, and a summer school on Individual Dynamics and Personal Effectiveness held at I.I.T. Roorkee from June 28 to July 2, 2004.

AICTE APPROVES INCREASE IN SEATS

AICTE has granted permission to increase intake from 60 to 90 in Electronics and Communication Engineering and from 90 to 120 in Computer Science and Engineering from the session 2004-05.

COMMUNICATION AND PERSONALITY DEVELOPMENT CLASSES

Communication and personality development classes have been started for B.E. V and VII semester students so that they can fair well during their placement interviews and later in their career. Mr. Narendra Kumar, lecturer in English, is conducting these classes. He is a research scholar in English Literature and pursuing an English Language teaching course from CIEFL, Hyderabad. All the four communication skills, viz. speaking, listening, reading and writing will be taken care of and GD and Interview skills will be given special emphasis. A number of audio-visual aids will be

employed to make the sessions more interactive. TOEFL and IELTS aspirants will also be benefited from these classes.

KUDOS PARAG !!



Parag Srivastava, 7th Semester, I.T. has passed a very reputed examination in networking held by Linux REDHAT (USA). Now he is RHCE (REDHAT Certified Engineer). This examination was conducted by a team from USA at Bangalore. Parag Srivastava is one of the four who qualified this examination. He secured 95% marks. SKIT family is proud of you Parag. We wish you a very alluring and fabulous career.

M.TECH ADMISSION

Mr. Manish Kumar, Lecturer in Electronics and Communication Engineering, is selected for part time M.Tech degree in Electronics and communication Engineering at MNIT, Jaipur.

CONDOLENCE MEETING HELD

A condolence meeting was called for on 16th July to pay homage to the departed soul of Mr. Sandeep Joshi, a student of B.E. III Semester (Mechanical Engineering) who passed away on 14th July. A condolence message was also sent

from the Institute to console the bereaved parents.

RESULTS DECLARED

Some results of B.E. VIII semester have been declared during the months of August and September. Students of SKIT have performed exceeding well.

B.E. VIII Sem. Electronics Engineering : Total 65 students took the examination. 80% students have acquired 1st division out of which 60% have passed with honours. Result of some students is also awaited. Alok Mittal topped the college.

B.E. VIII Sem. Computer Sciences : Out of 64 students who took the examination, 90% students have acquired 1st division including 45% honours. Sukhesh Bhargava attained 1st position in the college.

CCNA SEMINAR

On 12th August, 04, a workshop was conducted by Tech Support Pvt. Ltd., Jaipur. Director of Tech Support Pvt. Ltd. delivered a lecture on CCNA. He spoke about the various benefits of CCNA, a general concept in networking. There was also a query session at the end of the seminar.

SPORTS DEMONSTRATION

On 11th September, 2004, Rajasthan Sports Council performed live demonstration of aero-sports and mountaineering in SKIT's Open Air Theatre in order to encourage our

youths to participate in adventurous sports. All SKIT'ans were present to watch barnstorming and captivating performances by sport persons. Some students of SKIT also participated in the demonstration.

PARTICIPATION IN SHRADHANJALI

SKIT students participated with vigour and enthusiasm in *Shradhanjali*, a cultural event organized by ARYA college of Engineering, Jaipur from September 17 to September 19, 2004. In *Shradhanjali*, SKIT'ans participated in various competitions and won prizes in the JAM (Just A Minute) and Poster Making.

RESEARCH PAPER PRESENTED

SILICIDE FORMATION STUDY AT THE INTERFACE USING HIGH ENERGY SWIFT HEAVY ION.

--Veenu Sisodia
(Lecturer, Dept. of Physics)

Presented at the 'Internatrional Conference on Nuclear Tracks in Solids - 22' Organised by International Nuclear Track Society in Barcelona, Spain (23rd-27th August, 2004).

RESEARCH PAPERS PUBLISHED

MIXING INDUCED BY SWIFT HEAVY ION IN IRRADIATION AT Fe/Si INTERFACE.

--Veenu Sisodia
(Lecturer, Dept. of Physics)

Published in *Bulletin of Material Science*, Volume 27 No. 4, August 2004, pp. 393, Indian Academy of Sciences, Bangalore.

ELECTROKINETIC STUDY OF GALLIUM (III) WITH DL- α -ALANINE

--Vinita Sharma
(Lecturer, Dept. of Chemistry)

Published in *Asian Journal of Chemistry*, Volume 16, 2004.

BOOKS PUBLISHED

1. INFORMATION THEORY AND CODING

--Anoop Singh Poonia
(HOD, Dept. of Electronics)

--Ashirwad Publications, Jaipur

2. TELECOMMUNICATION ENGINEERING

--Anoop Singh Poonia
(HOD, Dept. of Electronics)

--Ashirwad Publications, Jaipur

3. ENGINEERING CHEMISTRY

--Dr. Archana Saxena
(HOD, Dept. of Chemistry)

--S.K. Kataria & Sons, Delhi

4. SOFTWARE ENGINEERING - VOLUME 1

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

--Genius Publications, Jaipur

POETIC DELIGHTS

MEMORABLE GIFT TO THE COUNTRY

World's beauty which we can see,
is a memorable gift for you and me.
Free life which we all live,
is due to sacrifices which soldiers
give.

Our free and independent Nation,
is the result of their auspicious
dedication.

Horrible massacres and miseries
they faced,
Country's glory in everyone's eyes
they placed.

Of terrific revolutions, they were
partakers,
who defeated our country's
perpetrators.

Gandhi and Nehru
were non-violent path founders,
Bhagat and Azad
were torch bearers.

Subhash made blood-fed
signatures,
For protecting our country from
horrible creatures.

It was all their grace,
which brought smile on our face.

My countrymen are really
admirable,
Who suffered to make freedom
visible.

Miraculous is the life history,
Of the soldiers who suffered for
the country.

They sacrificed their lives for a
noble cause,
They paid for our happiness
without a pause.

It's our duty to salute our soldiers,
Who take our safety upon their
shoulders.

Today we celebrate collectively
the occasion of independence
mirthfully.

Now we all vow together,
For leading our country
higher and higher.

--Richa Sharma
B.E. I Year

TEACHER

The person who
Guides us
to make our future
is a teacher.

The person who
purifies our minds
with precious words
is a teacher.

The person who
builds up the nation
and called a creator
is a teacher.

The person who
sacrifices his life
for honesty and hard work
is a teacher.

The person who
makes the world a beautiful place
without caring for his future
is a teacher.

The person who
inspires the people
with his noble thoughts
is a teacher.

--Rajkumar Singh
B.E. I Year

IF YOU WANT

If you want FRIENDS,
Always be polite and smile.
If you want KNOWLEDGE,
Spread your friend circle.
If you want BRAVERY,

Always speak the truth without fear.
If you want AWARDS,
Have courage and climb the stage.
If you want SUCCESS,
Have faith in yourself and work
honestly.

If you want RESPECT,
Give everything and expect nothing.
If you want MONEY,
Be honest and face every situation.

If you want POWER,
Be bold and deal with gold.
If you want BLESSINGS,
Obey elders, love youngers
and help the poor.

--Rimpy Bishnoi
B.E. V Sem. (I.T.)

TRUE FRIENDSHIP

Friends are never forgotten,
For they always remain in our
hearts;
However far they may go,
They will never be apart.
Sometimes we may fight,
Sometimes we may argue;
Sometimes say some silly words,
But its just for a minutes few.
Because its only our love for them,
that binds us always;
Recalling those sweet memories,
Though gone may be those days.
The little joys of life,
And the tears we share;
Lucky are really those,
Who find such friendly care.
Yes it happens sometimes,
Friends may depart from each
other;
But the bond of their friendship,
Will never ever wither.

--Padmaja Deshmukh
B.E. I year (I.T.)

CAREER

A POWERFUL VOCABULARY CAN CATAPULT YOU AMONG THE TOP ENGINEERS IN THE WORLD

(An assortment by Training
and Placement Cell)

It's an undeniable fact :
Countless studies *prove* that a
strong command of the English
language is directly connected to
success in all areas of your life.

For instance, have a look at these
findings :

Fact # 1 : Studies show that
executives score higher on
vocabulary tests than their
underlings.

A study by a scientist
established a direct correlation
between *vocabulary* and *rank* on the
corporate ladder. In the study a
vocabulary test was given to
executive and supervisory personnel
in 39 large manufacturing
companies.

The Test results reported the
following :

Presidents and vice presidents
average 236 out of a possible 272
points; managers, 168 points;
superintendents, 140; foreman,
1134; floor bosses, 86.' In virtually
every case, vocabulary coincided
with executive level and rank on
the corporate ladder.

Thus, your ability to achieve
success, whether it's in your

relationships, school, career or
business, depends highly on your
ability to communicate effectively.

Think about it. The world's
most successful, highest-earning
people typically possess a rich,
well-developed vocabulary and
superior communication skills. Not
just average... Not just pretty
good... **Superior !** In fact, take a
look at these findings :

FACT # 2 : Other studies show
that vocabulary scores are the
ONLY measure found to
consistently correlate with income
levels.

A *Human Engineering Laboratory*
Study tested the vocabularies of
thousands of people in various
careers and age groups, and found
that the people drawing the highest
salaries scored highest on the
vocabulary test.

In fact, they scored with a
consistency that boarded on
predictability. Moreover, of dozens
of measures used, the Human
Engineering Lab could find only
one common characteristic of
successful people : 'A superior
vocabulary.'

So where do YOU stand ?

Everyday, people judge you by
the words you choose. Whether
what they think is true or not, what
you say says a lot about your
intelligence, education and status.

Nothing makes a stronger and

more *lasting impression* than a
strong command of the English
language. And conversely, nothing
can hinder the achievement of your
career goals and the recognition
you truly deserve more than your
lack of it.

'If you just Invest/Spend 30
Minutes A Day, Then you Can
Build A Good Vocabulary That
Will Grant You Instant Credibility
And Persuasive Power By
Knowing Exactly What Words To
Say And When To Say Them. You
Regularly Need To Go Through
The English Newspapers And
Magazines In Your House/Library
and Consult Dictionary For Words
New to You. This Investment Of
Yours Will Help You In Building
Up Of Your Vocabulary.'

Note - For the guidelines of
writing resume please refer to the
article 'TIPS FOR WRITING
RESUME' written by Prof. M.L.
Bhargava and published in THE
SKIT TIMES, Issue I, November,
2003, Page No. 7.

If you persuade yourself that
you can do a certain thing,
provided this is possible, you
will do it, however difficult it
may be. If, on the contrary, you
imagine that you cannot do the
simplest thing in the world, it is
impossible for you to do it, and
molehills become for you
unscalable mountains.

--Emile Coue

SHORT ARTICLE**VALUE CRICISM**

'Criticism is a disinterested endeavour to learn and to propagate the best that is known and thought in the world.

-Matthew Arnold

A critic is one who judges your skills, brings challenges in front of you and pats you on your back. It is hard to be a critic and it is harder to be criticised healthily. One who is wise and determined meets the challenges while the other having quivering faith runs away from them. Good teachers and good friends are first of all supposed to be good critics. A real teacher draws a picture of success for his students through healthy criticism. Among the qualities of a best friend too, selfless criticism is counted as one. Criticize your friend to bring him to the forefront. But never make criticism your sole aim. Couple it with encouragement.

Criticism has produced many great and noble persons in the world. Therefore, we must have the best critics of our skills.

But above all, the one who knows you the best, who is in constant touch with your feelings and acts, is you yourself. Thus be your own critic, having your soul to judge and tell you about all the odds and evens honestly. It makes you realise the 'real you'. So listen to the voice of your soul, meet the challenges bravely, and the moment will come when you will touch the horizons.

--Vyom Kohli

B.E. III Sem. (Mechanical Engg.)

FICTION**MAKE SOMEONE HAPPY**

Two men, both seriously ill, occupied the same hospital room. One man was allowed to sit up in his small bed for an hour each afternoon to help drain the fluid from his lungs. His bed was next to the room's only window. The other man had to spend all his time flat on his back.

The men talked for hours. They spoke of their wives and families, their homes, their jobs, their involvement in the military service and their holidays.

Every afternoon when the man in the bed by the window could sit up, he would pass the time by describing to his roommate all the things he could see outside the window. The man in the other bed began to live for those one-hour periods where his world would be broadened and enlivened by all the activity and colour of the world outside.

The window overlooked a park with a lovely lake. Ducks and swans played on the water while children sailed their model boats. Young lovers walked arm in arm amidst flowers of every colour and a fine view of the city skyline could be seen in the distance.

As the man by the window described all this in exquisite detail, the man on the other side of the room would close his eyes and imagine the picturesque scene.

One warm afternoon the man by the window described a parade passing by. Although the other man couldn't hear the band - he could see it in his mind's eye as the gentleman by the window portrayed it.

Days and weeks passed. One morning the day nurse arrived with water for their baths only to find the lifeless body of the man by the window, who had died peacefully in his sleep. She was saddened and called the hospital attendants to take the body away.

As soon as it seemed appropriate, the other man asked if he could be moved next to the window. The nurse was happy to make the switch, and after making sure he was comfortable, she left him alone.

Slowly and painfully, he propped himself up on one elbow to take his first look at the real world outside through the window. But it faced a blank wall.

The man asked the nurse what could have compelled his deceased roommate to describe such wonderful things outside this window. The nurse responded that the man was blind and could not even see the wall. She said, 'perhaps he just wanted to encourage you.'

Epilogue : There is tremendous happiness in making others happy, despite our own situations.

--Akhil Sethi

B.E. V Sem. (C.S.)

TECHNOFLAIR

BELIEVE IT OR NOT Engine-Cars Be-aware ! DNA COMPUTING

Imagine, your computer is no more a mechanical device but converted into a test tube containing some 'transparent stuff' like water.

It's true. I am talking about the latest technology of DNA computing. Yes, you are right, its the same de-oxyribose nucleic acid of tenth standard biology books. DNA as software and enzymes as hardware, put together in a test tube to perform simple calculations. Isn't that amazing ?

Actually, it happens with the help of purposely designed enzymes. They regulate the input according to the rules encoded on a software molecule, undergo chemical reactions and allow simple operations as a byproduct of these reactions. Results are not obtained on a computer screen but are known by the length of a DNA molecule.

First idea of DNA computing came to a Californian scientist Adleman in 1994, when he used it in solving a mathematical problem.

Here are some stunning facts about DNA computers :

1. Storage capacity about 10 terabytes.
2. 10 trillion DNA molecules in 1 cm. cube area.

3. Speed is 330 trillion operations per second which is 1,00,000 times of the speed of the fastest PC (Earth stimulator of Japan).

The fastest PC of Japan works at 36 trillion operations per second but Adleman solved the mathematical problem at a speed of 100 trillion operations per second by using the DNA computer.

DNA computers would soon provide 'doctors in a cell' which will be operating inside the cell, sensing the anomalies in host and after consulting their programmed medical knowledge will release appropriate drugs.

Research is going on, but it will take about a decade or so to overcome the hurdles in the making of DNA computers. So, keep your fingers crossed for the day when you will have a DNA computer on your desk.

--Shikha Gupta
B.E. I Year

ROBO SAPIENES

In the last two and a half decades a new species has emerged into our ecosystem. This species is none other than that of Robots (Biological name can be 'Robo-Sapiene' !). The robots in various forms are working in industries, serving in homes, helping in research, explorations, medical science, space, etc. and entertaining people as well ('Robo-wars' on

AXN). A few of them have become very popular such as Honda's 'Asimo-humanoid' and Sony's 'Abibo-dog'.

Not many people are aware that we are on the verge of a new wave of artificial intelligence which promises to make robots pro-adapting to environment.

Robotics brings together various disciplines such as mechanical engineering electronics, digital electronics, computer science, Algorithms etc. And now robotics is rapidly embracing ideas from a new discipline 'Antomology' (study of insects).

Asimo or Abibo may be impressive but they are 'static', in the sense that they cannot adapt to the environment. They require spoon feeding of data and instructions to function better. This style of research cannot drive us in the future.

Insect Robots :

Animal inspired robotics aim at imitating certain animals, specially insects. Biologists and Engineers have worked to produce both versions of popular insects such as flies and cockroaches. These both can do all the things that insects do - jump, fly, etc.

Joseph Ayers, a neurophysiologist at North Eastern University, Boston says, 'The experiments you perform on robots tell you what you ought to be looking for within

the animal.'

Some labs have reported that studying how insect-bots fly explained to them how real insects fly which incidently is through complex and unconventional aerodynamics. But these robots are peculiar in a way that they can teach but cannot be taught. However there is a whole set of technologies and disciplines that will make the smart robots of future possible : traditional robotics, neural networks, evolutionary algorithms, programmable hardware and many others.

It is only a matter of time before we transfer more of our duties to the machines and may be human bodies have robotic parts.

--Anupam Sharma

B.E. IIIrd Sem. (Mech. Engg.)

SMALL IS BEAUTIFUL

In his presidential address at the annual convention in Nov. 2000, Prof. Waghmore alluded to information technology (IT) revolution. This, as he said, was made possible by the development of ultra-small devices, each about a micron in size. The inexorable drive towards small and ever smaller devices is currently at the sub-micron stage. It is expected to reach the nanometer stage soon. What is so special about that ?

First, since the material will be nanosized and quantum effects will dominate, physicists will once again be required to unravel the mysteries of this material. Secondly, the size of the devices and those of

elementary life forms such as viruses or bacteria will be the same. So hybrid devices are possible. Silicon is the workhouse of the semiconductor industry. But in the present form does not exhibit luminescence. However noncrystalline silicon photoluminesces. It is possible, therefore, to integrate electronics and optics on the same chip.

It is preferred to term semiconductor nanostructures as digital materials. Currently the device (made of bulk material) is digital. But on account of the discrete energy spectra, the material itself is digital. One is challenged to explore the mesoscopic domain which lies between the microscopic and the macroscopic and size-wise is cousin to viruses and bacteria. Physicists groping in this dark domain are like the blind men who interpret an elephant by the specific anatomical part they perchance manage to lay their hands on.

The importance of nanophysics is not lost for Indian physicists. This may be gauged by the single fact that a great deal of research work is devoted to nanostructural materials and still the scope is wide open.

--Veenu Sisodia

(Lecturer, Dept. of Physics)

CASCADED MULTI-TEMPERATURE LATENT HEAT SOLAR THERMAL STORAGE DEVICE

In industrial processing a huge amount of heat energy is spent for heating, drying and other

processings at different temperatures. In this work a case is made out for the use of solar energy in meeting the thermal energy requirements of different industrial processings. The latent heat cascaded storage unit has been considered for energy storage, because of its large heat storage capacity and its isothermal behaviour during charging and discharging process. In addition, the device provides thermal energy at different temperatures under one roof. This paper gives a brief idea about utilization of potential solar energy.

The thermal storage system would improve the performance of energy system by smoothing the output and hence increasing the reliability. In dye beck heating system, the temperature requirement is between 40°C to 90°C. The temperature depends on the types of dye solution prepared and types of material to be dyed.

In the present devices, the concept of multiple temperature cascaded type latent heat storage system is introduced to suit the wet processing in textile industry. This type of thermal storage device connected in series with solar collector provides the total thermal requirement for processing. There is a need for further research in this area to enhance and utilize the available technology for its greater exploitation.

--Deepak Joshi

B.E. IIIrd Sem. (Mech. Engg.)

चिन्तन-मनन

मन के जीते जीत

जीवन एक बाजी है, हार-जीत तो हमारे हाथ में नहीं है, पर बाजी को खेलना हमारे हाथ में है। ऐसी बाजी एक आत्मविश्वासी व्यक्ति ही खेल सकता है। मन का प्रबल विश्वास ही उसकी जीत है तभी तो कहा है-

'मन के जीते जीत, मन के हारे हार'

निश्चय की दृढ़ता से विचारों में स्थिरता व गहराई बढ़ती जाती है। सफलता उन्हीं के कदम चूमती है, जो संशय से परे रहकर निश्चयात्मक प्रवृत्ति के धनी होते हैं। कहा भी गया है-

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दूसरे क्या बोलते, क्या सोचते हैं ?
मुख्य है यह बात, पर अपने विषय में,
तू स्वयं क्या सोचता है, क्या जानता है ?*

मनुष्य के पास शक्ति व साधनों की इतनी कमी नहीं है जितनी प्राप्त सुविधा व उपलब्ध शक्ति का आत्मविश्वास से उपयोग करने की है। अतः

*दृढ़ निश्चयी व्यक्ति के लिए
हर कार्य सरल है।*

मनुष्य को वह काम नहीं करना चाहिए, जहाँ उसे अपनी क्षमता पर विश्वास न हो। आत्मविश्वास जितना मजबूत होगा, उतनी ही शक्ति दोगुनी व योग्यता चौगुनी हो जाती है। संसार में मनोबल ही प्रथम है। जिसका मनोबल जागृत हो गया, उसे दुनिया की कोई भी शक्ति रोक नहीं सकती।

-निधि जैन

बी.ई. पंचम सैम.(आई.टी.)

मुस्कान

मुस्कान की कोई कीमत नहीं होती, मगर यह बहुत कुछ रचती है। यह पाने वाले को खुशहाल करती है। देने वाले का कुछ घटता नहीं, लेकिन यादों में सदा रह सकती है। कोई इतना अमीर नहीं कि इसके बगैर काम चला ले और कोई इतना गरीब नहीं कि इसके फायदों को न पा सके। यह घर में खुशहाली लाती है, व्यापार में ख्याति बढ़ाती है और दोस्तों की पहचान है।

यह थके हुआ का आराम है, निराश लोगों के लिए रोशनी, उदास के लिए सुनहरी धूप और हर मुश्किल के लिए कुदरत की सबसे अच्छी दवा है।

यह न तो भीख में, न खरीदने से, न उधार मांगने से और न चुराने से मिलती है, क्योंकि यह एक ऐसी चीज है, जो तब तक किसी काम की नहीं, जब तक वह इसे किसी को न दें।

दिन भर की भाग-दौड़ में कुछ परिचित हो सकते हैं कि इतने थके हों कि मुस्करा न सकें, तो उन्हें अपनी मुस्कान दीजिये।

किसी को मुस्कान की उतनी जरूरत नहीं होती जितनी कि उसे जो खुद किसी को अपनी मुस्कान न दे सके।

-गुंजन गेरा

बी.ई. प्रथम वर्ष(आई.टी.)

इच्छा शक्ति और सफलता

सफलता का सीधा संबंध इच्छा शक्ति से होता है। इसलिए गिरकर बार-बार उठने की इच्छा शक्ति ही सफलता का रास्ता

तैयार करती है। कोई भी असफलता तब तक इतनी वास्तविक नहीं है, जब तक आप उस पर प्रयास कर रहे हैं। वह व्यक्ति हमेशा जीतता है, जो धैर्य और ईमानदारी से इच्छा शक्ति के साथ प्रयास करता है, क्योंकि -

*कुछ भी असंभव नहीं जग में,
सब संभव हो सकता है,
कार्य हेतु यदि कमर बाँध लो,
तो सब कुछ हो सकता है।*

*बीत गया गत, बीत गया वह,
अब उसकी चर्चा छोड़ो,
आज कर्म करो निष्ठा से,
कल के मधुर स्वप्न जोड़ो।*

*मने के हारे हार हुई है,
मन के जीते जीत सदा।
सावधान ! मन हार न जाना
मन से मानव बना सदा।*

-आशा कपूर

बी.ई. पंचम सैम.(आई.टी.)

शाश्वत सत्य स्वर

चरणों की धूल

जब कोई व्यक्ति तुमसे कहे कि मैं तो आपके चरणों की धूल हूँ, तो तुम कहना कि आप बिलकुल ठीक कह रहे हैं, यह तो मुझे पहले से ही पता था- आप हैं ही मेरे चरणों की धूल। तब उसके चेहरे पर देखना, और तुम तत्क्षण पहचान लोगे कि यह बात विनम्रता से कही गयी थी या अहंकार से ?

-मृदुल बंसल

बी.ई. तृतीय सैम.(मैकेनिकल)

चिन्तन-मनन

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इच्छा शक्ति और सफलता

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-आशा कपूर

बी.ई. पंचम सैम.(आई.टी.)

शाश्वत सत्य स्वर

चरणों की धूल

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-मृदुल बंसल

बी.ई. तृतीय सैम.(मैकेनिकल)

भावनायें

जय जवान

हम न थमे थे, न कभी थमेंगे,
मुसीबतें पहले भी देखीं थीं,
आज भी देख लेंगे।

काँटों भरी राहों में, हम यूँ चला करते हैं,
जैसे दूर आसमां में बादल गरजा करते हैं।

रगों में खून यूँ सरपट दौड़ा करता है,
जैसे मैदान-ए-जंग में चेतक दौड़ा करता था।

न पहले डरे थे, न ही अब डरेंगे,
हम पहले मारेंगे, फिर मरेंगे।

है अगर दम तो सामने आ,
मौत की इन आँधियों से आँखें न चुरा।

इश्क और जंग का रिश्ता बहुत पुराना है,
कल भी यही दोहराते थे, आज भी यही
दोहराना है।

हार कभी न मानेंगे, लड़ते यूँ ही रहेंगे,
कयामत भी आ जाये, तो भी डटे रहेंगे।

इश्क भारत से किया है, सदा करते रहेंगे,
मर भी गये तब भी इसे चाहते रहेंगे।

जय हिन्द...

—अभिषेक मोहन

बी.ई. प्रथम वर्ष (मैकेनिकल)

सो न जाना

गहरी अंधेरी रात है, अंधकार ही अंधकार है,
किन्तु सवेरा आएगा, उजियारा भी होगा।
पर उजियारे की चमक में खो न जाना,
वक्त निकालने के बहाने सो न जाना।

—नरेन्द्र सिंह

बी. ई. प्रथम वर्ष

जीवन आशा

एक वृक्ष खड़ा है ढूँट सा देखो,
एक पत्ता अभी भी हरा है।

एक लता अभी भी आलिंगन में है,
एक आशा जीने की बाकी है।

यूँ तो उसने सावन देखा, भादो देखा
और देखी बरसात भी।

खड़ा ढूँट सा झेल रहा है,
वह पतझड़ की मार भी।

मैंने जब देखा तो पाया,
एक अँकुर फूट रहा था।
एक लता चिपकी थी उससे,
और एक नया पत्ता निकला था।

जीवन भी वृक्ष के जैसा,
कभी सावन ने हरा किया तो,
कभी पतझड़ से हुआ निढाल।

वृक्ष अगर फल न दे तो,
छाया तो देता है।
पेड़ बूढ़ा ही सही,
जीवन को शोभा तो देता है।

—धारणा जौहरी

बी.ई. प्रथम वर्ष (आई.टी.)

आकांक्षा

चाहता हूँ सितारों को छूना मैं,
चाँद को भी पाने की मुझमें है आकांक्षा।
अमर होकर जीना चाहता हूँ मैं,
गर मुझसे नाराज न हो, मेरी आकांक्षा।

लड़ लेता हूँ सपनों से भी मैं, क्योंकि,
पाने की उनको मुझमें है आकांक्षा।
बनना चाहता हूँ मैं सिकन्दर,
गर मुझसे नाराज न हो, मेरी आकांक्षा।

मुद्दतों तक जगमगाना चाहता हूँ मैं,
दुनिया को अपने में समेटने की
मुझमें है आकांक्षा।

चाहता हूँ शिक्षा के नए आयाम तय करना,
गर मुझसे नाराज न हो, मेरी आकांक्षा।

चला हूँ घर से, इस नवयुग में मैं,
लेकर पैगाम अमन का, विश्वास का।
साथ लेकर दुनिया को मैं,
करूँगा साकार, अपनी छोटी सी आकांक्षा।

—राजेश शर्मा

बी.ई. तृतीय सैम. (इलेक्ट्रॉनिक्स)

मैं

मैं एक अनपढ़ी कविता हूँ,
जिसका भावार्थ न कोई जान पाया,
न कोई समझ पाया।
मैं सुनहरा गीत हूँ,
जिसने लोगों को एक किया,
जिसे कोई सुन नहीं पाया।

मैं एक जल का घड़ा हूँ,
जिसने लोगों को तृप्ति दी,
जिसका महत्व कोई न समझ पाया।
मैं एक कलम हूँ,
जिसका मानव ने प्रयोग तो किया,
कभी भी उसका उपयोग नहीं समझा।

—मुकेश वर्यानी

बी.ई. तृतीय सैम. (मैकेनिकल)

उदास

इस तरह तो मत होना उदास,
कि मैं पस्त हो जाऊँ।
और सोच ही न सकूँ,
कुछ भी अच्छा और आशा से भरा।

इस तरह तो मत होना उदास,
कि हँस ही न सकें इस बार।
जिस बात पर दुहरे हुए थे,
हँसी के मारे पिछली बार।

मत होना, मत होना,
मत होना उदास।
कि उदासी बहुत बुरी होती है,
उसके चेहरे पर तो बहुत,
जिसने दुख से लड़ी हो लड़ाई हँसते-हँसते।

—नेहा कपूर

बी.ई. पंचम सैम (आई.टी.)

कदमों की ताल

शुरु हुआ ये सफर, कुछ सपने रात ल लेकर,
कुछ ही दूर चले थे, लगा राह आसान नहीं।
लेकिन तब दिल ने कहा—
मुश्किलों का सामना करने से,
बनती है पहचान नई।

तूफानी लहरों से,
क्या नाविक घबराता है ?
सागर के सीने पर चलकर ही,
वह मंजिल को पाता है।

तपती धूप सहने पर
कहीं सावन आता है
क्या माली का उपवन,
पल में ही, लहलहाता है ?

कदमों की ताल न रोकना,
तुझे मंजिल पर विजय पताका फहरानी है।

आशाओं का दिया जलाना है,
चाहे मौसम तूफानी है।

हट जाएगी सब मुश्किलें,
अगर तू थककर रुका नहीं।
फिर तेरी मेहनत तुझे ले जाएगी वहीं,
जहाँ सच होंगे तेरे सपने और मंजिल मिल जाएगी।

फिर बहुत सुन्दर होगा संसार,
जहाँ हर पल चलती नयी बहार तुझे छूकर जाएगी और,
सफलता के शिखर पर,
स्थापित कर जायेगी।

—आशा कपूर

बी.ई. पंचम सैम (आई.टी.)

एक मुलाकात

जीवन के इस सफर में,
मिलते हैं अनेक मुसाफिर हर पल।
कुछ से होती सिर्फ मुलाकातें,
औरों से होती बहुत सी बातें।
कुछ चेहरों पर चिर-परिचित मुस्कान,
कुछ से होती कुछ पल की पहचान।
उन अनेक चेहरों की भीड़ में,
एक चेहरा प्यारा-सा लगता है।
उन आँखों में अपना,
आशियाना सा लगता है।
उसकी चाहत का एहसास ही,
अपने आप एक सिहरन-सी पैदा करता है।

उन खामोश मुलाकातों में,
उन अनकही बातों में,
सिर्फ आँखों ही आँखों में,
कुछ ऐसे जज़्बात जन्म लेते हैं,
जिन्हें छुपाया नहीं जा सकता।
जीवन में फिर कभी मिलें न मिलें,
पर इस बात को ठुकराया नहीं जा सकता।
उस चेहरे, उन आँखों से
एक अटूट रिश्ता है,
जिसे चाहकर भी भुलाया नहीं जा सकता।

—शुचि कत्री

बी.ई. प्रथम वर्ष (इलेक्ट्रॉनिक्स)

दो दोस्त

दो दोस्तों की कहानी है,
जरा सी बचकानी है,

एक शायर था, दूसरा लायर था,
लायर शायर से, शायर लायर से परेशां था।

शायर मुशायरों में पिट जाता था,
अपना सा मुंह लिए घर आता था।
लायर उसे रोज समझाता था,
अपना यह शौक छोड़,
अपनी राहें मोड़, वरना पछताएगा।
गर ऐसे ही चलता रहा,
यों ही लिखता रहा, पेपर में छप जायेगा।
एक देशभक्त शायर मारा गया,
पुलिस जाँच कर रही है।
छठे दिन पता लगेगा,
उस केस की फाईल मर रही है।

लायर की वकालत भी,
नहीं चल रही थी।
कोट की धुलवाई भी,
नहीं निकल रही थी।
यह बात शायर को भी पता थी।
वह बोला,
वकालत छोड़, लेखक बन,
कवि बन
कभी कड़की, कभी खिड़की
कभी लड़की पर लिख,
कवि बन जायेगा
जीवन सुधर जायेगा।

लायर चीखा, चिल्लाया,
अपना अल्टीमेटम सुनाया।
शायर हंसा मुस्कराया,
अपना निश्चय दोहराया।
लायर ने कहा मरेगा, अपनी करनी भरेगा।
शायर ने शायरी सुना डाली,
अपनी भड़ास निकाल डाली।
दोनों हंसे-मुस्कराये,
और चल दिये।
एक मुशायरे को,
दूसरा अदालत को।

—सुशीला पूनिया

बी.ई. प्रथम वर्ष

सरहद

किन रिश्तों की बात करें हम?
किस सरहद की चाह करें हम?
किस सरहद को पार करें हम?

पहले दिल के दाग धुलाओ,
घावों पर मरहम लगवाओ।
दाग धुलेंगे, घाव भरेंगे,
फिर रिश्तों की बात करेंगे।
तब सरहद को पार करेंगे।
धरती को तुम माँ कहते हो,
माँ के क्या टुकड़े होते हैं?
सरहद है एक कच्चा धागा,
मानवता का रिश्ता सच्चा,
जब तुम इसका मान करोगे,
तब सरहद को पार करेंगे।
मन तो पहले साफ करो तुम,
फिर सरहद की बात करो तुम।
खाली बातों में क्या रखा है,
किन रिश्तों की बात करें हम।
किस सरहद की चाह करें हम!
किस सरहद को पार करें हम?

—सुनील कुमार वर्मा

बी.ई. पंचम सैम (आई.टी.)

खोखली जिन्दगी

हमारे दिलों में,
दौड़ता है सिर्फ खून।
हमें चुभते हैं,
सिर्फ नाखून।
ना कोई जज़्बा है, ना कोई चुभन,
खुद को बना लिया है एक सूखा चमन।
एक वहम है, एक धोखा है,
जिसने हमें इस कदर सोखा है।
भीतर लहू बचा है, बाहर सिर्फ मांस,
किसी दिन अक्ल आयेगी कि काश।
बच जाते इस वहम के कारतूस से,
और धोखे से बने इस ताबूत से।
जिसमें जिन्दा दफन हो गये हैं,
और ख्याल कफन हो गये हैं।
इसे ओढ़,
ले के कोढ़,
लिपट गये हैं;
कहाँ दुनिया कितनी हसीन थी,
कहाँ सिमट गये हैं।
खोखली जिन्दगी, मुर्दा जज़्बात;
सवेरा धुन्ध भरा, अन्धेरी रात
और बाकी क्या बचा।
एक अन्धा कुँआ,
अन्दर आग की लपटें,

बाहर धुआँ।
जिसमें झुलसते ख्याल,
पिघलते अरमां,
भाप बन चुके आंसू,
और बेचैन बेवजह,
वीरान जंगल सा, हाडमांस का पुतला,
कि अब जला, अब जला.... अब जला।

जिसने हमें इस कदर सोखा है।
भीतर लहू बचा है, बाहर सिर्फ मांस,
किसी दिन अकल आयेगी कि काश।
बच जाते इस वहम के कारतूस से,
और धोखे से बने इस ताबूत से।
जिसमें जिन्दा दफन हो गये हैं,
और ख्याल कफन हो गये हैं।

इसे ओढ़,
ले के कोढ़,
लिपट गये हैं;
कहाँ दुनिया कितनी हसीन थी,
कहाँ सिमट गये हैं।

खोखली जिन्दगी, मुर्दा जज़्बात;
सवेरा धुन्ध भरा, अन्धेरी रात
और बाकी क्या बचा।
एक अन्धा कुँआ,
अन्दर आग की लपटें,
बाहर धुआँ।

जिसमें झुलसते ख्याल,
पिघलते अरमां,
भाप बन चुके आंसू,
और बेचैन बेवजह,
वीरान जंगल सा, हाडमांस का पुतला,
कि अब जला, अब जला.... अब जला।

—सुशीला पुनिया
बी.ई. प्रथम वर्ष

यथार्थ

इस छोटे से जीवन में,
न जाने क्या पाना है?
न जाने क्या खोना है?
आँसुओं का सागर है ये,
फिर भी क्यों कहते हैं सब,
जीवन बहुत सलोना है।
मैंने तो राहों में बहुत अशक बिखरे हैं,
मुस्कान की चादर ओढ़,
दुःख के गुब्बार समेटे हैं।
सबकी नजरों में हम हँसते
मुस्कराते खिलौने हैं,
पर दिल जानता है,

कितने थके, तन्हा और अकेले हैं।
ये मुस्कराहट तो,
गमों को छिपाने का बहाना है, क्योंकि
इस दुनिया को मुझे खुशियाँ देकर जाना है।

—अंकित जोशी
बी.ई. प्रथम वर्ष (आई.टी.)

प्रेरणा

मशाल बन के चलो,
इक मिसाल बन के चलो।
चलो तो ऐसे जिससे जमीं को दर्द न हो,
तुम्हारे चलने से राहों में कोई गर्द न हो।
हर इक दिल में,
मोहब्बत का जाल बना के चलो।

मशाल बन के चलो,
इक मिसाल बन के चलो।

—गुंजन गेरा
बी.ई. प्रथम वर्ष (आई.टी.)

माँ

देता हमें कौन है प्यार,
खुशियों से परिपूर्ण संसार,
जिसने बसाया है हमारा परिवार,
जग कहता उसको ममता का सार।

यह वही है जिसने हमें हँसाया,
हमारी हर चीख पर हमें सीने से लगाया,
हमें पढ़ाया और जीवन बनाया,
पर क्या हमने अपना फर्ज निभाया?
जग कहता उसको प्रकृति का प्यार,
कर्तव्य अगर समझ लें हम
जीवन में होंगी खुशियाँ अपार,
घर होगा स्वर्ग समान,
दिल में होगा हर्ष बेशुमार,
तभी सार्थक होगा माँ का प्यार।

—कविता गोयल
बी.ई. तृतीय सैम. (कम्प्यूटर साईंस)

दर्द

सिसक-सिसक गुजरता बचपन,
पल-पल खुशियों को तरसता बचपन,
धुँधली आशाओं, खोये सपनों में,
चंद मुस्कान ढूँढ़ता बचपन।
एक पल को ठहरती मदहोश सी जवानी,
कुछ कहना चाहे, कुछ सुनना चाहे,
पर अपने में ही सिमटी, खामोश सी जवानी,
नौकरी की तलाश, फिर घर गृहस्थी में

उलझी जवानी।

अधूरे सपनों, अधूरी तमन्नाओं,
का बोझ ढोता, थका बुढ़ापा,
जिन्दगी के थपेड़ों में तपता बुढ़ापा,
अपने बच्चों में बँटा बुढ़ापा।

और फिर अन्त भी चुपचाप सा,
जैसे थी कोई विकट समस्या।

जानते हैं यह किसकी है व्यथा,
भारत की उस गरीब जनता की,
जिनके लिए जिन्दगी है बेमानी,
बस ढो रहे हैं एक जिन्दा लाश को,
क्योंकि कफन पहनाना भी तो
मुमकिन नहीं है न।

—अंकित जोशी
बी.ई. प्रथम वर्ष (आई.टी.)

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