



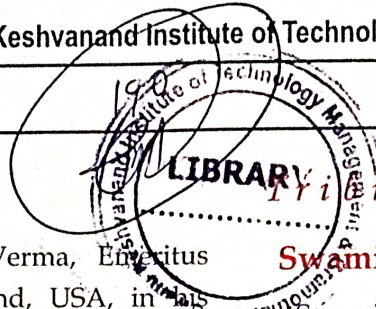
# THE SKIT TIMES

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

Issue 7

October, 2005

Editor's Column ...



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A few days before Prof G.R. Verma, Emeritus Professor, University of Rhode, Island, USA, in his address to SKITians said that the discoveries and inventions in the world happened only when we consciously and rationally, without being led astray by the existing irrational dogmas of the society, looked at the natural happenings. In fact our mind is merely a facilitator in which all the elements of a novel product are at liberty to gather and blend in various combinations. However, the endeavour of a true creative spirit has to be to provide mind with all that is available and accessible to it in the society. The human mind produces something only after being fertilized by experience and meditation; its acquisitions are the gems of its production. Carl Ally beautifully states this when he says, 'the creative person wants to be a know-it-all. He wants to know about all kinds of things: ancient history, nineteenth-century mathematics, current manufacturing techniques, flower arranging, and hog futures. Because he never knows when these ideas might come together to form a new idea. It may happen six minutes later or six months, or six years down the road. But he has faith that it will happen.'

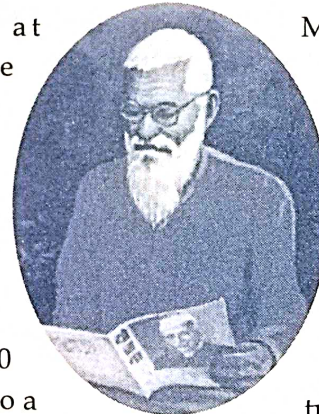
This process requires an exemplary hard toil and indomitable devotion and dedication on the part of a student of any discipline who is exerting to find novel solutions for any problem. Don't be afraid of the uncertainty and mystery as these are going to keep boredom at bay and spark the spirit of creating new possibilities and solutions to overcome the emergent hurdles.

So with the good wishes of creative utilization of time on the SKIT campus we welcome all the new members of SKIT family and hope that the present issue of THE SKIT TIMES will make a delightful reading.

--Chief Editor

## Swami Keshvanand and Women Education

Swami Keshvanand established *Mahila Ashram* at *Sangaria Gramothan Vidyapeeth* in 1949 to 'spread social equality, political consciousness and cultural heritage amongst women.' This *Mahila Ashram* was committed to promulgating literacy among women of the surrounding area; to uprooting the superstitions and ignorance prevailing among them; and to educating them in house-hold affairs, child-care, tailoring etc. After its establishment, an Adult Women's School and a Girls Primary School, that was upgraded gradually to Higher Secondary, were also opened at Sangaria. He also opened *Kasturba Gramothan Mahila Vidyapeeth* at seventy-five miles from Bikaner, in 1955.



Prof Prasad G.V. Post College apprises us of when in 1960 two girls tied to a

On inquiring he was told by the father of the girls, a labourer, that they had lost their mother. And he had tied them to the tree so that they could not go away from the sight while he worked. Swami was deeply moved and he took the elder girl, who was then six, to the *Mahila Ashram* where she was given free accommodation and education.

The road ahead to establish and run these institutions was not without thorns. To arrange adequate funds, proper infrastructure and female teachers was an arduous and toilsome task that Swami accomplished ultimately with his indomitable spirit.

--Narendra Kumar  
Lecturer, Dept. of English

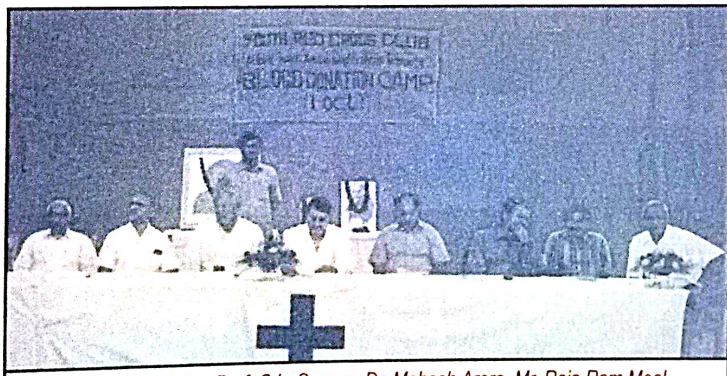


# Communiqué

*inscription of happenings on SKIT arcadia*

## SERVING THE HUMANITY: BLOOD DONATION CAMP

With the view of serving the humanity a blood donation camp was organized for the forth-consecutive year under the leadership of Mr. Yogesh Sharma, Incharge Youth Red Cross Club SKIT, on the occasion of Blood Donation Day- 1 October, 2005 by Youth Red Cross Club SKIT in association with Indian Red Cross Society, Rajasthan unit and Blood Bank SMS Hospital, Jaipur. Dr. Digambar Singh, Medical and Health Minister - Govt. of Rajasthan, was the chief guest and Mr. Ram Lubhaya, Principal Secretary Higher and Technical Education-Govt. of Rajasthan and Dr. Mahesh Arora, Secretary Red Cross Society-Rajasthan Unit were the guests of honour. All these guests were offered a warm welcome by Mr. Raja Ram Meel, Chief Patron SKIT, Mr. S.R. Meel, Chairman SKIT, Mr. K.R. Bagaria, Director SKIT, Prof. S.L. Surana, Principal SKIT, Prof. N.K. Banthiya, Prof. M.L. Bhargava, and Mr. V.S. Bhatnagar.



From left to right : Prof. S.L. Surana, Dr. Mahesh Arora, Mr. Raja Ram Meel, Dr. Digambar Singh, Mr. Ram Lubhaya, Mr. S.R. Meel, Mr. K.R. Bagaria, Mr. D.P. Lamba

Mr. S.R. Meel in his welcome note expressed his gratitude to all the guests for coming all the way to SKIT campus. He said that this camp was the beginning of the celebration of Mahatma Gandhi's Birth Day on 2nd October. He thanked Mr. Ram Lubhaya for making the admission process on-line that had made it much more fair and clean. He also demanded the establishment of a technical university so that the problems of technical institutions could be solved

quickly. Dr. Mahesh Arora enlightened us about the wartime and peacetime activities of Red Cross.

Chief guest Dr. Digambar Singh in his speech congratulated the Institute for the noble service of the society by organizing this blood donation camp. He said that now the state government has made blood available at the community centers also apart from the blood banks at the district headquarters. He also congratulated the Institute for its noble aim of *gramothan* as the overall development of the nation is not possible without the development of the rural areas.



Dr. Digambar Singh (extreme left) visiting the blood donors.

Mr. Ram Lubhaya in his speech said that the SKIT has emerged as the leading technical institution of the state and he wished that it would very soon become the leading institute of the nation. He urged the youth to channelise some part of their energy for the upliftment of the rural India and this he considered the greatest social service. He said that the new world is the knowledge export society and the innovative thinking would only provide us the impetus to survive in this highly technical and competitive world. He said that 'this is the time for questioning the answers.' He assured that a separate technical university would be set up very soon.

Prof. M.L. Bhargava introduced the 'Roll Out Program', conducted on SKIT campus by the Infosys trained faculty of SKIT, to all. He said that this was a part of 'Campus Connect Program' launched by Infosys



## **Communiqué**

*Inscription of happenings on SKIT arcadia*

Technologies Ltd. Bangalore. It is to be noted that SKIT is the only self-financing Institute of the state that is the part of this programme. Total 157 students participated in this 150 hours programme and all of them were given certificates by Infosys. Ten best performers of this programme were also awarded by Infosys. These awards were given away by the chief guest of the occasion Dr. Digambar Singh.

In his vote of thanks Principal Prof. S.L. Surana expressed his heartfelt gratitude towards all the guests for coming all the way to SKIT to encourage the students for blood donation. He also thanked all the students and all those who worked for the organization of the camp.

After the inspiring and motivating speeches of the guests blood donation started in which about two hundred SKITians donated their blood.

### **FRESHER - 2005**

A Fresher party was organized by the 2nd Year students to welcome the 1st Year students on October 1, 2005 amidst much fanfare. The party began with the inauguration by the chief guest Mr. S.R. Meel, chairman SKIT. The entire programme continued for more than four hours in which students spread the various hues of cultural programmes. The cultural programmes were comprised of film songs and dances, folk songs and dances and various hilarious and entertaining skits and other programmes. Students presented mementoes to all the guests. Party ended with sumptuous dinner for all. Nostalgia for the party is still prevailing in the SKITians.

### **CAMPUS CONNECT : ROLL OUT PROGRAMME**

As per the MOU signed between SKIT and Infosys Technologies Ltd., Bangalore, SKIT organised training programme for 157 students of VI and VIII semesters in two batches, from June 13 to July 09, 2005 under the

leadership of Mr. Anil Choudhary (Head of IT dept.) and Mr. C.M. Choudhary (Head of CS & E dept.). Several eminent experts were invited to deliver lectures to the participants. The students performed very well in the programme. Infosys Technologies Ltd. has sent certificates for all the students who attended the programme and also appeared in the examinations conducted during the programme. Infosys has also sent prizes for five best performers of each batch.

### **EXCELLENT PLACEMENTS**

Training and Placement Cell under the leadership of Prof M.L. Bhargava is doing exceedingly well in fetching fabulous placements for SKITians in various reputed and well-established companies. During the current academic session, so far, Satyam Computers, Hyderabad, Huawei Technologies, Bangalore, Caritor Technologies, Bangalore, L&T Infotech, Mumbai, Zensar Technologies, HCL Infosystems Ltd., Noida, Indian Army, Infosys Beans Systems (1) Pvt. Ltd., Biometrics India Pvt. Ltd., i-flex Solutions, Mumbai, Syntel (India) Ltd., Mumbai and Cyber G. India Pvt. Ltd., Noida have conducted campus interviews and selected a good number of SKITians.

### **B.E. FIRST YEAR ADMISSIONS**

All the 420 seats of all branches were filled in the very first phase of counseling conducted by RPETEAP-2005. SKIT stood first among all the self-financing colleges of the state as in it admissions began from the rank 227 which was the highest among all the self-financing colleges in Rajasthan. The credit for this success goes to the Management for providing the best available technological infrastructure, to the Principal Prof. S.L. Surana for his able guidance, quality teaching by erudite and committed faculty and a greater emphasis on the extracurricular activities on the campus that in turn secure high university ranks and fabulous placements in various reputed and well established industrial organizations.



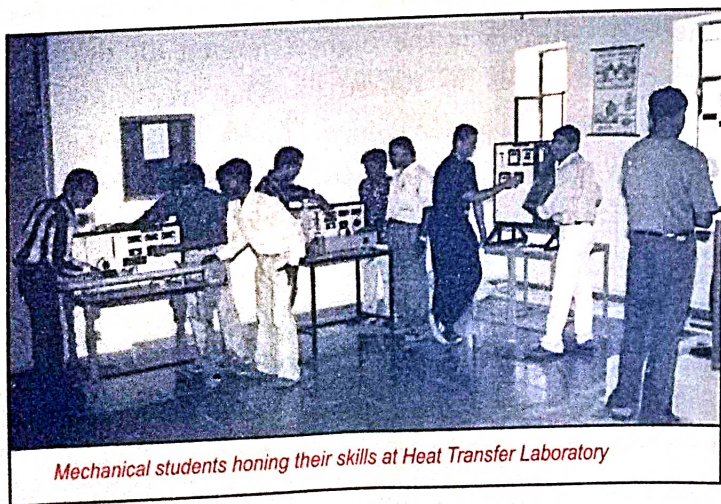
### CAMPUS BLOOMS WITH FRESHERS

The regular academic session began for the B.E. 1st Year students on August 04, 2005. Freshers entered the college with great zeal and enthusiasm. Seniors gave them a warm welcome by performing *Tika* ceremony. On the very same day teachers organized an orientation programme for the newcomers to acquaint them with the multifaceted SKIT culture and disciplined educational environment.

### MECHANICAL DEPT. EXPANDS ITS LABS AND WORKSHOP

Dept. of Mechanical Engineering, under the able leadership of Prof. N.K. Banthiya, has expanded and updated its existing labs and workshop. The Thermal Engineering laboratory and Dynamics of Machine Laboratory have been updated to cater to 5th semester Mechanical Engineering programme. In Thermal Engineering Laboratory four-stroke four-cylinder duel fuel patrol engine test rig and two-stroke one-cylinder patrol engine test rig have been acquired. In Dynamics Machine Lab apparatuses for conducting experiments on Journal Bearing, Gyroscope, Governor, Whirling of Shaft, Static and Dynamic balancing etc. have been acquired. A number of working models, for instance, Wankel Engine, Axial Flow Fan, Centrifugal Fan and Vane Compressor etc have also been obtained.

In Production Engineering Laboratory and



*Mechanical students honing their skills at Heat Transfer Laboratory*

Workshop six new lathes, one radial drilling machine, lathe tool dynamometer and drilling tool dynamometer have been received. Equipments related to 6th semester Mechanical Engineering for Heat Transfer Laboratory and Hydraulic Machines Laboratory have also been acquired.

### INDEPENDENCE DAY CELEBRATION

SKIT celebrated 58th Independence Day on the campus with great zeal and devotion amidst much fanfare. The celebration began with the tricolour hoisting by Hon'able chief guest Mr. S.R. Meel, Chairman SKIT, and subsequent national anthem chanting.

In his address chairman Mr. Meel invited all the SKITians to follow the path laid down by freedom fighters for us. 'One such freedom fighter was Swami Keshavanand whose life and preachings have become pole star for us in our pursuit of higher learning with technical competence to make India an efficient global player in technological advancement along with the noble mission of *gramothan*.' Vice Chairman, Mr. Anil Bafna, warned the students against the dangers of negative thinking and pessimism. He assured the students that if they made honest efforts with hard toil and perseverance for excelling then nothing under the sun could obstruct their chances of cultivating tremendous success in whichever field they tried. He asserted the supremacy and richness of our culture that should be kept high in esteem and we should not be led astray by the momentary impact of the western culture.

Guest of honour Lt. Col. J.S. Lamba emphasized the need of discipline and punctuality for achieving the higher goals of life. He said that we should be proud of being Indians. He quoted our honorable President Mr. Kalam and Prime Minister Mr. Manmohan Singh during his speech and suggested to follow the words of them. Prof. M.L. Bhargava in his short but meaningful speech expressed our commitment to serving the nation by



grooming the well-rounded technocrats who would not only lead the nation on international platform of technology but would also be equipped efficiently to face the challenges of highly advanced new millennium indomitably with great gusto.

In his vote of thanks Prof N.K. Banthiya proposed thanks to all and sundry ranging from our guests for the occasion to the Management of the Institute to the faculty and staff to students to all the people who participated in the organization of the programme. He emphasised the need of positive thinking in whatever the students do because it is this only which is going to make their efforts constructive and productive. He categorically asserted the need of building strong character which he defined in the words of Thomas Macaulay, 'The measure of a man's real character is what he will do if he knew he would never be found out.'

The celebration was hued by the various colours of cultural programmes put up by the students in the eulogy of freedom fighters, tricolour and Bharat Mata. Celebration ended with the distribution of sweets to all.

### THE SKIT TIMES APPRECIATION AWARDS

THE SKIT TIMES awarded Akhil Sethi (IV BE, CS&E), Asha Kapoor (IV BE, IT), Balbir Singh Khangarot (III BE, ME) and Shashi Shekhar Vyas (II BE, IT) for their commendable and persistent hard toil which they put in for colouring the news bulletin with myriad hues of life and technology as student editors. THE SKIT TIMES also awarded its persistent contributors whose quality and myriad hues contributions always replenished its freshness, vitality and delight inducing qualities. These students were Rochak Saxena (IV BE, E & CE), Mehul Jain (III BE, CS & E), Vyom Kohli (III BE, ME) and Apurva Akash (II BE, EE).

### ELECTRONICS DEPT. SETS NEW LABS

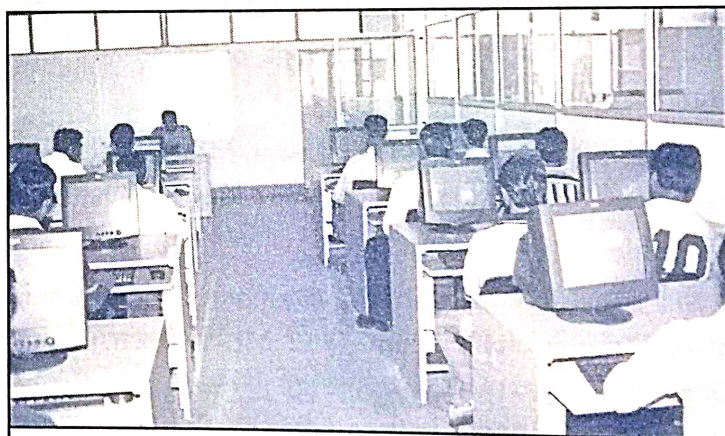
A separate air-conditioned Microwave and Antennae lab has been established by Mr. A.S. Poonia in the dept.

of Electronics and Communication Engineering. The lab is equipped with ten computers for the analysis of motorized units of Antennae Lab. The lab also contains a Microwave bench apart from other equipments.



*Students honing their skills at Microwave and Antennae Laboratory*

VLSI Laboratory has also been established with thirty computers and it is equipped with FPGA trainer kit and xilinx software apart from other necessary equipments.



*Students honing their skills at VLSI Laboratory*

Mat Lab software has also been installed in this Laboratory.

### WELCOME ARRIVAL

We extend a hearty welcome to the following faculty members who have joined SKIT fraternity during the current session:

Mr Vijay Saroop Bhatnagar (Reader, Dept. of Electronics and Communication Engineering): Mr. Bhatnagar, whose educational qualifications include



DMIT (Electronics), DMM and Certified Internal Quality Auditor ISO 9000: 2000, has served as Deputy General Manager, Rajasthan Electronics and Instrumentation Ltd. (REIL) - a Jaipur based Mini Ratna and as Scientist M/s. Central Scientific Instruments Organization, Chandigarh. He has had the industrial experience of thirty-three years in diverse fields like technology absorption, product management, market research and technology upgradation. He has handled several projects of multiple import.

Other faculty members who have joined as lecturers are:

Ms Shikha Khandelwal, Ms Shradha Singhi, Mr. Amit Jain, Ms Shilpi Gupta, Ms Sarita Kaloya, Mr. Vipin Bansal, Mr. Tarun Kr Gupta and Ms Monika Upadhyaya (Dept. of CS / IT).

Ms Meenakshi Jangir, Ms Divya Jain, Ms Shalini Gupta, Mr. Mukesh Kumar, Ms Garima Khandelwal, Mr. Sudhanshu Chouhan, Mr. Sunil Kumar, Mr. S.K. Sharma and Ms Isha Poonia (Dept. of Electronics and Communication Engineering).

Mr. Amit Soni, Ms Nidhi Udawat, Ms. Nidhi Goyal, Ms Sheetal Choudhary, Mr. Narendra S. Chouhan (Dept. of Electrical Engineering).

Mr. Satish Somani, Mr. Rakesh Gupta, Mr. Dheeraj Joshi, Mr. Dheeraj Gadodia and Mr. Naveen Gupta (Dept. of Mechanical ENgineering).

Ms Abhilasha Saini (Dept. of Physics).

Ms Pramila Kumawat (Dept. of Mathematics)

We feel delighted in welcoming them all and wish them a nice time on the SKIT campus.

### EXPANSION IN BOARD AND LODGINGS

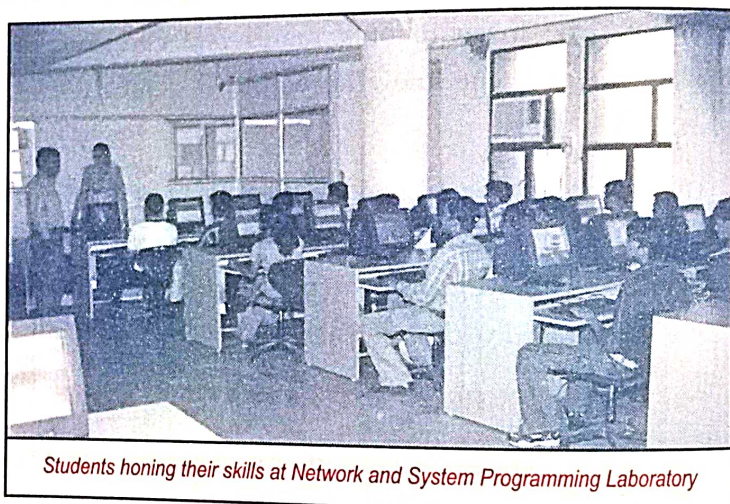
With the aim of providing comfortable study-conducive environment for the students on the campus SKIT has expanded the capacity of hostels and its clean and hygienic mess. The capacities of the boys' and girls' hostels have been raised from 175 to 285 and 50 to 70 respectively.

### NEW SEMINAR HALLS ESTABLISHED

Two air-conditioned seminar halls with highly modern audio-visual aids have been established during the current session. They can accommodate 400 and 130 people at a time separately. It is to be noted that, apart from these two, one highly equipped seminar hall was already in existence.

### COMPUTER SCIENCE DEPT. SETS NEW LABS

Computer Science and Engineering Dept., under the guidance of Mr. Anil Choudhary and Mr. C.M. Choudhary, has set a Network programming and System programming lab with thirty computers which are installed with Linux and Windows.



*Students honing their skills at Network and System Programming Laboratory*

### M-TECH SPONSORED

SKIT has sponsored Mr. Alok Mathur, Reader in Mechanical Engineering Dept., and Ms Garima Khandelwal, lecturer in Electronics and Communication Engineering Dept. for M. Tech. during the current academic session. Both of them are doing M-Tech from Malviya National Institute of Technology, Jaipur.

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

Prof. (Dr) G.R. Verma, Emeritus Professor, University of Rhode, Island, USA, visited SKIT on the September 14, 2005. In his address to all the SKITians he encouraged them to be conscious of the surroundings



and to think logically and scientifically about all the happenings in nature that in turn would lead to the scientific and technological development of the nation. Former Union Minister and freedom fighter Mr. Daulat Ram Saran also addressed the gathering in which he enlightened all about the life and achievements of our mentor and path founder Swami Keshvanand.

### **PROF. KESHAV RAE'S LECTURES**

Prof Keshav Rae, ex-director Symbiosis Institute of Business Management, Pune and ex-dean, Faculty of Management Studies, University of Wales, U.K., delivered a series of lectures for the BE first, third and fourth year students on managerial skills, soft skills, business etiquettes, behavioral ethics and GD and interview skills from 03 Sept. to 08 Sept. 2005.

### **Mr. S.N. SAHAY'S LECTURE**

Mr. S.N. Sahay, Ex-Manager (Safety), Hindustan Copper Ltd., Khetry and a renowned consultant on safety, delivered a lecture on 'Why Safety for Engineers' on September 30, 2005 for V and III semester students.

### **Lt. Col. J.S. LAMBA'S CLASSES**

Col. Lamba is conducting special classes these days for the SKIT students to hone their soft skills.

The major emphasis is on self development which will inculcate the culture of team work in students.

### **STAFF DEVELOPMENT PROGRAMME**

Prof. N. K. Banthiya, 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.

During the two days course, from July 04, 2005 to July 05, 2005, Prof. Banthiya 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 the 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 the 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 modern and advanced teaching aids and improved lecture methods to make teaching all the more interesting and engrossing.

### **SUMMER SCHOOL ATTENDED**

Mr S.R. Dogiwal and Mr Manoj Khandelwal, both lecturers of CS/IT, attended a faculty development programme on entrepreneurship from June 27 to July 03, 2005 at Entrepreneurship and Management Development Institute, Jaipur.

### **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, 2005. SKITians participated in Paper Presentation, Debate, Creative Writing, Advertisement, Just-a-Minute, and Group Discussion. They reached in final round in every activity and Vivek Chandra (I BE, CS & E) and Priya Agrawal (I BE) won prizes in Group Discussion and Creative Writing respectively.

### **RESULTS DECLARED**

BE Ist Year : Total three hundred and ninety one students took the exam out of which two hundred



and forty nine are clearly pass. Barring seven students all other students are eligible for II B.E.

**BE VIII SEM. COMPUTER SCIENCE AND ENGINEERING:** Out of 101 students who took the exam ninety five per cent students acquired 1st division out of which fifty seven per cent are honours.

**BE VIII SEM. INFORMATION TECHNOLOGY:** Total ninety students took the exam out of which ninety per cent acquired 1st division and out of these forty two per cent are honours.

**BE VIII SEM. ELECTRICAL ENGINEERING:** Out of fifty-eight students who took the exam eighty seven per cent students acquired first division which includes fifty eight per cent honours students.

**BE VIII SEM. ELECTRONICS AND COMMUNICATION ENGINEERING:** Total sixty eight students took the exam out of ninety six per cent are first division including seventy three per cent honours.

### WELL DONE HARSHITA!!

Congratulations to Harshita for bringing honour to the Institute by acquiring 1st position in the university in BE VIII SEM. Electronics and Communication Engineering Examination. It is noteworthy that Harshita has already been selected in Infosys Technologies Ltd. through campus

placement. We wish her a great time and successful career.

### RESEARCH PAPERS

#### PUBLISHED

Selection of Features for Security Evaluation of Power System using ANN.

--Dr S.L. Surana

*Principal*

Published in *The Journal of CPRI, Vol 2, Number 1, March 2005* by CENTRAL POWER RESEARCH INSTITUTE, BANGALORE.

### RESEARCH PAPERS

#### PRESENTED

Phase Formation by ion Beam Mixing in Ti I Si Multilayer System.

--Veenu Sisodia

*Lecturer, Dept. of Physics*

Presented in the *International Conference on Materials for Advanced Technology (ICMAT - 2005)* at Suntec, Singapore organised by NUS, MRS and Narang University from 3rd to 8th July, 2005. It is to be noted that after being refereed the paper will be considered for publication in *Applied Surface Science Elsevier science, U.K.*

### SEMINARS ATTENDED

Dr Sangeeta Vyas, lecturer dept. of Chemistry, attended a seminar on WATER QUALITY MONITORING BY RAPID

METHODS organised by Swan Environmental Pvt. Ltd., Hyderabad on June 15, 2005.

Ms Nupur Srivastava, lecturer dept. of Mathematics, attended a seminar on Teaching Methodologies organized by ICFAI on September 24, 2005 at Jaipur.

### BOOKS PUBLISHED

DISCRETE MATHEMATICAL STRUCTURES.

--Amber Srivastava

*Lecturer, Dept. of Mathematics*

Published by *Genius Publications (INDIA), Jaipur.*

DIGITAL CIRCUITS AND DESIGN.

--A.S. Poonia

*Head, Dept. of E & CE*

Published by *Dhanpat Rai Publishing Company, New Delhi.*

ELECTRICAL AND ELECTRONICS ENGINEERING.

--A.S. Poonia

*Head, Dept. of E & CE*

Published by *Dhanpat Rai Publishing Company, New Delhi.*

### GREATEST ROBBER?

Teacher: Who is the greatest robber in the world?

Student: Atlas, Sir.

Teacher: Why?

Student: Because it is holding the whole earth.



### **A SUCCESSFUL ENGINEER**

A successful engineering career is the result of a building process that starts during the undergraduate years, if not earlier. Once on the job, the process continues through networking, on-the-job training, postgraduate studies, and continuing professional education.

#### **Advice**

Practicing engineers tell us two things: First, today's engineer is expected to be more self-reliant and more self-managed in planning and doing work. Second, and more important, employers will not plan your career -- nor do you want that to happen. Once you find a company and job that you like, you still need a strategy for moving ahead. Your career building efforts will be more successful if you understand how your aptitudes mesh with your surroundings. Are you doing the work you are best suited for, or are you headed that way -- if not, what additional experience and training do you need to secure the right job?

Working engineers' stress -- the importance of a positive, flexible, forward-looking attitude, of being prepared for the next job, whatever and wherever that may be. They speak of how networking and professional contacts have enabled

them to turn downsizing, layoffs, and gaps between projects into positive job changes. As difficult as these potential occurrences might seem, they are also significant opportunities to redirect and energize one's career.

#### **What to do?**

Prepare your resume very carefully as all interviews are based on the information you provide about yourself in it.

Graduate studies can be an important part of an engineer's career building plan. So you should be very clear about what you are studying and what is its significance in the field/industry. In the early stages of your career, a Masters degree may make you more competitive for key positions and better salaries. When evaluating job offers after graduation, find out about employer support for postgraduate course work and proximity to institutes where you can pursue such a course if needed. Within the first year or two on the job, step back and assess your interests and what type of postgraduate studies could help you to move to the next level or into specific jobs of your choice. Since you are still in institute, seek the advice of faculty and training and placement office concerning opportunities at the

graduate level and programs that mesh with your interests and capabilities. Remember that faculty recommendations/suggestions can be very helpful in your career building effort. Discussions also help you in opening up your mind about opportunities.

There's a difference between current job requirements and mid- to long-range career requirements. Never ignore any opportunity for facing an evaluation be it from any company. First step should be to get an offer letter. An engineer should always think like an engineer. This means you are suitable to manage any activity /project till you get a job of your choice. Even if a Call Center job is offered, there is no reason for you to ignore it because here also you could prove your worth as an engineer as compared to other graduates. Taking the longer view, you should be aware of what is expected from a Professional Engineer (P.E.).

#### **Networking**

Being active in a professional course is just part of the picture. Skill in networking is an important attribute, a basic skill of the successful engineer, a skill that you should begin to develop during your undergraduate years. Networking can help you to land on your first job and it becomes



more important in every subsequent career move. Start today; make a list of the people who can help you advance your career. They can be faculty, students, pass outs of your institute, and working engineers. Over the time, build your own network for the exchange of information, advice, and job leads.

### **Adaptability**

Adaptability is an important attribute for an engineer. Engineering education will provide the essentials - subject knowledge, problem-solving skills, and a capability for future learning. When you first start out, it's important to be curious and open-minded about new learning experiences, and to network within the profession and in the industry. It's up to you to keep a record of current happenings so that you have the knowledge base needed to take advantage of changes in technology and the marketplace. Adaptability is a function of time, knowledge, and contacts. Flexibility is important too - engineers often have concurrent projects, each calling for different types of knowledge, hands-on skills, and teamwork.

### **In Case of Adversity**

Institute projects are often based on a given set of assumptions, specifications, and defined

variables. Career planning starts out the same way, but life seldom runs along a predictable path. In reality, change actually becomes a constant, coming from many directions- customers, economic and monetary policy, global markets and overseas competition, company priorities, and required job skills. All can affect what your job consists of, and where, when, and for how long you do that job.

### **Technical or Management**

Engineers are presented with a choice between a management "track" or a technical "track" to increasing sophisticated technical roles and expertise. As valuable as these programs can be, in engineering practice the engineer in management still has to understand technology, and the technically focused engineer may well have management functions. It's important to determine whether a prospective employer has personnel development structures of this type, when and how decisions are made, and whether you will have opportunities for experience in the different tracks. Some companies offer rotational assignments to help young engineers find the area best suited to them. Remember, a multi talented and experienced professional is always preferred in lead positions.

*--Prof. M.L. Bhargava*

*Head, Training and Placement Cell*

### **BELIEVE IN YOURSELF**

You don't know why sometimes  
in life,

The things go wrong by your  
side.

Life will bring you different  
strokes,

But you gotta hold on to your  
hopes.

Believe in yourself...

You are small and you are less,  
Are feelings keeping you from  
moving ahead,

But you will have to move against  
the storm,

And just like wind, keep your  
steps going on.

Believe in yourself...

Life never gives you a second  
chance,

You have to prove yourself in one  
instant,

Remember you have the power,  
never gonna lost,

And always believe that you are  
the best.

Believe in yourself...

Life will present you with hard  
times,

And you should try to keep the  
things growing fine,

Others may not listen to the song  
you sing,

But stick to a feeling you can do  
everything.

Believe in yourself.

*--Aarti Sharma*

*III B.E. (CS & E)*

I know of no more encouraging fact  
than the unquestionable ability of  
man to elevate his life by conscious  
endeavor.

*--Henry David Thoreau*



### **TILL THE WAIT ENDS...**

(Dedicated to my parents, who stay in Kolkata)  
My clothes lie crumpled on the bed,  
The room undusted,  
My shoes not in place,  
Me, lethargic teenager, lie unhelped.  
From the day I have seen the sun above the horizon,  
Till the day, I'll see the same sun sink,  
I'll find you in every breath, in every rhythm.  
Don't expect my life to flourish,  
since the physical distance is so large.  
The bridge is narrowing, every moment,  
The tear originates from my heart, I realize,  
Since, I miss you, need I be wise?  
The question today is incomplete...  
I'm left alone here to compete.  
Every single moment, is like an era for me,  
Though the world is smiling horrendously with glee,  
Time clock struck, verdict began...  
Let the clothes be crumpled, till we meet again...  
The road, the destination, the curves, the bends,  
I am waiting and waiting, and I'll wait...  
TILL MY WAIT ENDS.

*--Nistha Jain  
I B.E.*

### **WHEN I RETURNED HOME**

(Dedicated to the Tsunami Victims)  
While returning home,  
I was enraptured  
Like a tread on air.  
Wish of my parents to see me,  
Was soon to come true.  
The wind was gusty,  
Nature was blooming  
And the world appeared blithesome.  
When I reached my hearth,  
Groped the world below my parents' feet.  
Tears rolled off their cheeks,  
Which made me incapable to understand  
Whether they were crying or were gay.

I was at the top of the world  
When I saw my best friend  
With a rose in her hand!  
To my shock and surprise  
Many people have flocked  
As they were to go in my 'baraat' .  
I stood brave.  
Wrapped in a white cloth,  
A man was lying in the porch.  
Every sound was like a knell  
And every moment a grave !  
The violent wind,  
Moved the cloth from the face.  
My parents shed heavy tears.  
I broke betrothal to my best friend,  
My 'baraat' had far gone.  
Just married to death today,  
I was no more and dead  
When I returned home!

*--Balbir Singh Khangarot  
III B.E. (Mech. Engg.)*

### **THE ENCOUNTER**

He was here, there, every where  
Engulfing me, in panic and fear.  
But his time, I was ready  
My brain focused and grip steady.  
But as he approached,  
My heart jumped out of my chest  
My tired eyes, yearned for some rest  
My mind struck as fast as it could  
As he scanned the room from where he stood.  
One moment, he up to me crept,  
In the very next moment, he, upon me leapt.  
I shrieked around, out of fright  
And also due to his detestable sight.  
I reacted by hitting him forcefully on my head  
And there he lay, in a pool of blood, DEAD.  
Next time, I should be more careful, I thought,  
But at least, to that 'cock roach',  
A good lesson, I had taught.

*--Srishti Banerjee  
I B.E.*



### HOLOGRAPHY

#### ABOUT HOLOPHILE

Holography is a three-dimensional imaging technique. It uses laser light to record the patterns of light waves reflected from an object onto the emulsion of light sensitive film (or glass plates). When that film is developed and re-exposed to laser light (or normal incandescent light like most holograms today), it re-creates -- in space -- all the points of light that originally came from the object. The resulting image either behind or in front of the holographic film, has all the dimensions of the original object or looks so real that you are tempted to reach out and touch it -- only to find nothing there but focused light.

Unlike photography or painting, holography can render a subject with complete dimensional fidelity. A hologram creates everything your eyes see -- depth, size, shape, texture, and relative position - from many points of view. In fact, the term "hologram" was coined from the Greek words "holos" -- meaning "whole," and "gramma" -- meaning "message"

#### BACKGROUND

More than one three-dimensional image can be recorded on the same piece of film. For example, the two-channel hologram, "Brain/Skull" (produced by The Polaroid Corporation in 1982), displays two different images

as it is viewed from left to right.

There are two basic types of holograms -- reflection and transmission. They can be distinguished by the way in which they are illuminated

Reflection holograms are lit from the front, reflecting the light to you as you view it like a painting or photograph

hung on a wall. Different Film emulsions produce images with different characteristics.

1. **Silver Halide** is the emulsion of choice for most artists and holographers who use silver halide glass plates to achieve the highest quality images. Holographers also use silver halide film, which is cheaper, less fragile and easier to handle but does not produce the depth, resolution and projection possible with glass plates. However, film is used successfully for longer production runs.

2. **Dichromated Gelatin (DCG)** is a chemical-gelatin mix that is coated onto a piece of glass. Dichromates produce very bright images in a golden yellow colour. The images have the least range of depth, but they are viewable in normal room light without special spotlights. This makes Dichromates suitable as small gift products for

the consumer gift market or the premium and incentive industry. Dichromates have largely been replaced with cheaper mass produced photo polymer holograms. The medium still works best for high performance diffractive optics and probably will for a long time to come. Bright clean DCG masters are still made for copying into photo polymers.

#### CLIENTS SERVED



From 1975 - 1984, Rich Rallison (International Dichromate Corp., Draper, UT) pioneered the production of glass sandwich dichromate holograms that were used as jewellery pendants, key chains, paperweights, and other premium items.

3. **Photo polymer** is the newest of the recording materials developed by Polaroid and Dupont. Photo polymers have a plastic backing and are suitable for long production runs. The image depth of photo polymers is slightly less than that of silver halide. However, the images are brighter, with a wider angle of view. (To be continued in the next issue)

--Ashish Nayyar  
Lecturer, Dept of Mech. Engg.

#### BIOMETRICS :

##### REDEFINING IDENTIFICATION

Life is easy and more secure here. You enter your office and the



door opens only when it recognises your face. Students no longer carry ID cards when attending exams or classes. These things which might seem as fiction are in existence in today's world.

Welcome to the world of Biometrics. This field deals with determining and authenticating an individual's identity by using the uniqueness of his or her biological and behavioral characteristics. Further classification can be done based on the type of biometric data used, for instance, the face, iris, voice, signature or hand geometry identification. In today's environment there is a need for tight security measures because of impending threats in real as well as cyber-world. This is where Biometrics has gained attention. Biometric solutions replace keys, PINs and passwords in IT security, physical access and embedded systems.

In silicontech, infocom, face biometric systems help to identify and authenticate people. The face track access control system increases the site security and provides a method of instantly knowing the identity of those entering a place. Users have personnel user profile stored on the system. When the user presents him for authentication, the new scan is compared to the stored one for match. If there is a match, access is granted. The process is based on facial template. In banks, biometric

ATMs use a thumb impression of account holders in place of cards.

By installing finger prints and face scanners at air and sea ports in many countries and giving biometric visas and passports to travellers, officials hope to keep the wrong people out while letting the right people in without delay. Biometric technologies are also used in smart-cards which have the ability to store large amounts of data. Indian frequent fliers will soon get biometric cards having finger prints datacode encoded on them.

Unlike keys and tokens, biometrics are never lost or stolen. Unlike passwords and PINs these cannot be forgotten. Because of their security, speed, efficiency and convenience, biometric authentication systems might soon become the standard for access control.

*--Apurva Akash*

*II B.E. (Electrical Engg.)*

## **ERP IN MANUFACTURING SYSTEM**

ERP (Enterprise Resource Planning) is an industry term for the broad set of activities supported by multi-module application software that helps a manufacturer or other businessmen to manage the important parts of his business including product planning, parts purchasing, maintaining inventories, interacting with

suppliers, providing customer services and tracking orders. IT can also help in other industrial aspects. Typically, ERP system uses or is integrated with a relational database system. Thus an ERP system can involve considerable business process analysis, employee retraining and new work procedures.

Traditional approach to implementation has been to carry out a business process re-engineering exercises and to desire a "TO BE" model before ERP implementation. This led to mismatch between proposed model and ERP functionality, leading to higher costs, extended time frame, customizations and loss of user confidence.

ERP applications are popular in business for offering an integrated view and reporting of information from all areas of enterprise. These also replace year 2000 compliant custom applications.

According to companies like Nike, DHL, Tektronix, Fujitsu, Microsystems etc, the ERP application advantages far outweigh the cost disadvantage during setting up of this system.

In fact, earlier knowledge transfer and full training will go a long way for bettering the chance for the successful ERP adaption.

*--Mansi Saxena*

*IV B.E. (E & CE)*



# चिंतन मनन

मंथन विविध विचारों का

## स्वावलोकन

आज अपने स्व को ढूँढने की चाह है,  
हाँ! आज अपने आप से मिलने की चाह है।

मन के स्वप्निल परदे में झाँकते  
उन बुझे-बुझे सवालियों से,  
और कहीं कनखियों से ताकती उन  
रहस्यभरी निगाहों को,  
आज कुछ उत्तर देने की चाह है।  
क्या किया है इस जग में कुछ ऐसा  
जिसमें न स्वार्थ था न रूपया-पैसा,  
भलाई या इन्सानियत कुछ भरी है मुझमें ?  
जब इंसा कहते हैं लोग मुझे  
आज स्वयं से ये पूछने की चाह है।

जग रूपी इस सागर ने  
जब मानव को दी संज्ञा इक तिनके की,  
क्या तिनका सह पाया एक थपेड़ा भी बिना  
किसी सहारे के ?  
आज मेरी तन्हाई को इक सहारे की चाह है।  
हाँ आज अपने आप से मिलने की चाह है।।

—अंकित कपूर  
चतुर्थ बी.ई. (सूचना प्रौद्योगिकी)

## जीवन संघर्ष

जीवन अगर आसानी से हँस कर कट जाता,  
तो यह जीवन संघर्ष ना कहला पाता।  
जीवन में आती है मुसीबतें बहुत बार,  
पर जो उनसे ना घबराये वही तो हैं  
समझदार।

न होना कभी उदास, हैरान और परेशान,  
क्योंकि यही तीनों मिटातें हैं हमारी शान।

झुका दो मस्तक नियति का,  
गाढ़ दो झंडा अपनी जीत का।

हारना नहीं हराना सीखो,  
झुकना नहीं झुकाना सीखो।  
परेशानियाँ तो आनी और जानी हैं,  
हर किसी के जीवन की यही तो कहानी है।  
हम कभी न टूटने देंगे हौसला,  
कर लो बस अब यही फैसला।  
जीवन के मुश्किल मोड़ पर रुकना नहीं  
मेरे ये शब्द कभी भूलना नहीं।  
जीवन के पथ पर हार मान लेना आसान है,  
पर लड़कर मंजिल पा लेना  
कुछ लोगों के ही बस का काम है।।

—राजदीप गुप्ता  
द्वितीय बी.ई. (कम्प्यूटर अभियांत्रिकी)

## उम्मीदों के नाम

घरौंदे को इमारत में बदलकर तो देख।  
ख्वाब को हकीकत में बदलकर तो देख।।  
पिंजरे की सलाखों में है उड़ने की राह भी।  
गुलामी को बगावत में बदल कर तो देख।।  
जिन्दगी की मुश्किलें खुद-ब-खुद हल होंगी।  
खामोशी को सवालात में बदल कर तो देख।।  
चट्टानें भी दरकेंगी इन्ही हाथों के भरोसे।  
आरजू को इबादत में बदलकर तो देख।।  
अंधेरी राहों में चमकेगी सूरज की रोशनी।  
अंगूठे को दस्तखत में बदलकर तो देख।।  
हौसला कम न होगा तेरा तूफान के सामने।  
मेहनत को आदत में बदलकर तो देख।।  
कदमों के तले होगी खुद मंजिलें आपकी।  
मेरी बातों को नसीहत में बादल कर तो देख।।

—महावीर प्रसाद चौधरी  
तृतीय बी.ई. (यांत्रिकी)

## प्रेरक प्रसंग

एक बार चाणक्य वेश बदल कर यात्रा करते  
हुए एक छोटे से गाँव में रुके। एक वृद्धा ने  
उनसे भोजन करने का आग्रह किया तो  
चाणक्य ने निमंत्रण स्वीकार कर लिया।  
बुढ़िया ने गरमागरम भात बना कर उसके लिए  
परोसा। चाणक्य ने तुरंत ही गरमागरम  
चावलों में अपनी अंगुलियाँ गढ़ा दी। गरम  
भात के कारण उन्होंने अपना हाथ वापस खींच  
लिया। बुढ़िया ने यह सब देखकर कहा "तुम  
भी उस चाणक्य की तरह मूर्ख हो।"

चाणक्य को आश्चर्य हुआ कि यह कैसे?  
चाणक्य तो अपनी बुद्धि के लिए प्रसिद्ध है।  
बुढ़िया ने कहा मूर्ख ही तो है। जो आदमी  
समस्या का समाधान केन्द्र से करता है, वह  
उस समस्या को कभी नहीं सुलझा सकता।  
चाणक्य हमेशा राजधानी पाटिलपुत्र पर हमला  
करता है और हारता है। यदि वह उस राज्य  
के दूर-दराज के क्षेत्रों पर आक्रमण कर, फिर  
राजधानी पर आक्रमण करे तो ही उसे विजय  
प्राप्त होगी। ऐसे ही तू एक किनारे से भात  
खा, सारा भात निपट जाएगा और तेरा हाथ भी  
नहीं जलेगा।

वास्तव में समस्या तभी खत्म होती हैं, जब  
उन्हें सीमा से हल करना शुरू किया जाए।

—आशा कपूर  
चतुर्थ बी.ई. (सूचना प्रौद्योगिकी)

गहन सघन मनमोहक वनतरु,  
मुझको आज बुलाते हैं।  
किन्तु जब जो वादे मेरे,  
याद मुझे आ जाते हैं।  
अभी कहाँ आराम यहाँ,  
यह मूक निमन्त्रण छलना है।  
मीलों अभी मुझको चलना है।  
मीलों अभी मुझको चलना है।।

—रामनरेश मील  
प्रथम वर्ष (यांत्रिकी)



## काश्मीर

बस नारों में गाते रहियेगा 'काश्मीर' हमारा है।  
छूकर तो देखो हिम चोटी के नीचे अंगारा है।  
दिल्ली अपना चेहरा देखे धूल हटाकर दर्पण की।

दरबारों की तसवीरें भी हैं बेशर्म समर्पण की।  
काश्मीर है जहाँ तमचे हैं केसर की क्यारी में।

काश्मीर है जहाँ रुदन है बच्चों की  
किलकारी में।

काश्मीर है जहाँ तिरंगे झण्डे फाड़े जाते हैं।  
सैंतालीस के बंटवारे के घाव उखाड़े जाते हैं।

अपरहणों की रोज कहानी होती है।

धरती मैया पानी — पानी होती है।

झेलम की लहरें भी आँसू लगती हैं।

गजलों की बहरें भी आँसू लगती हैं।

मैं आँसू के पानी को ललकार बनाने  
निकला हूँ।

मैं घायल घाटी के दिल की धड़कन गाने  
निकला हूँ।

मैं घायल घाटी के दिल की धड़कन गाने  
निकला हूँ।

जब हजरतबल के हत्यारे महिमा मंडित  
होते हों।

भारत माँ की मार्यादा के मंजर खण्डित  
होते हों।

जब बस भारत के नारे हों गुलमर्ग की  
गलियों में।

'शिमला समझौता' जलता हो बंदूकों की  
नलियों में।

तो केवल आवश्यकता है हिम्मत की  
खुददारी की।

दिल्ली केवल मोहलत दे दे दो दिन की  
तैयारी की।

सेना को आदेश थमा दे घाटी गैर नहीं होगी।

जहाँ तिरंगा नहीं मिलेगा उसकी खैर  
नहीं होगी।

जहाँ तिरंगा नहीं मिलेगा उसकी खैर  
नहीं होगी।

जिसको भारत की धरती ना भाती हो।

भारत के झण्डों से बदबू आती हो।

जिन लोगों ने माँ का आँचल फाड़ा हो।

दूध भरे सीने में चाकू गाड़ा हो।

मैं उनको चौराहों पर फाँसी चढ़वाने  
निकला हूँ।

गद्दारों को धरती में जिन्दा गढ़वाने  
निकला हूँ।

मैं घायल घाटी के दिल की धड़कन गाने  
निकला हूँ।

मैं घायल घाटी के दिल की धड़कन गाने  
निकला हूँ।

—नितिन गोडिया  
द्वितीय बी.ई. (यांत्रिकी)

## याद

हाँ आती है...

जब कभी देखने खुदको बैठती हूँ आईने के  
सामने

तो आंखें होकर भी मेरी, नजर होती है तुम्हारी।

हाँ आती है...

जब कभी चलने को उठाती हूँ ये कदम  
तो पैर होकर भी मेरे, मंजिल होती है तुम्हारी।

हाँ तब भी आती है...

जब कभी सोने को आंखे बन्द करती हूँ अपनी  
तो नींद होकर भी मेरी, सपने होते हैं तुम्हारे।

और हाँ तब भी आती है...

जब कभी लिखने को कुछ उठाती हूँ कलम

तो शब्द होकर भी मेरे सोच होती है तुम्हारी।

अब कौनसा पल छोड़ूँ जिसमें आ न सके  
याद तुम्हारी।

अब तो शायद मौत होकर भी मेरी, जन्नत में  
ले जायेगी तुम्हारी।

—श्वेता राव

प्रथम बी.ई. (सूचना प्रौद्योगिकी)

## दर्द की किशतें

जिसे देखिए वह परेशान सा लगता है,

एक मैली कमीज का गिरेबान सा लगता है।

जब से जिगर में अंधेरों की हुकूमत हुई है,

हर सुराख जाने क्यों रोशनदान सा लगता है।

सबके हैं अपने अलग-अलग संसार शायद,

घर का आदमी घर में, मेहमान सा लगता है।

तकदीर पर करें तों कैसे एतबार हम,

हर नया दिन जब एक इम्तहान सा लगता है।

एक मुश्त जिन्दगी को जी लें, कैसे दोस्त,

किशतों में दर्द का भुगतान सा लगता है।

—मुकेश वरयानी

तृतीय बी.ई. (यांत्रिकी)

## वो सवेरा तुम्हारा है

रोशन है जो लौ कि तरह,

वो सवेरा तुम्हारा है।

विजय की हर शाख पर बसेरा तुम्हारा है।।

निश्चय दृढ़ कर लो, तो ये कल तुम्हारा है।

जीवन का आने वाला हर पल तुम्हारा है।।

एक बुलन्द हौसले का आभास तुम्हारा है।

आप सफल रहो यही विश्वास हमारा है।।

—रामनरेश मील

प्रथम वर्ष बी.ई. (यांत्रिकी)



## सिनेमा

थारो तो यो खेल हो गयो,  
न जाने कतरी बार आठवी फेल हो गयो।  
भाईजी मु तो नी भणु,  
किताबा हाथ में लु तो मन सिनेमा में जावे,  
मने तो धरमिन्दर आछो लागे।  
जाऊ मुम्बई, बणु एक्टर।  
भाईजी ने आव्यो ताव,  
ऊठायो लट्ट, का छोरा छोडे कोनी हठ।  
ऊठायो लट्ट देखता छोरो भाग्यो,  
पाछी नजर कोने आव्यो,  
भईजी हुजता रही मया।  
दस दन केडे आव्यो समाचार,  
खाकी वर्दी पे र्यो हूँ।  
होटल मा कप रकापी धोरयो हूँ,  
फुटपाथ पे सो र्यो हूँ,  
मु मारे किस्मत ने रो र्यो हूँ।।

—योगेश पंचाल

द्वितीय वी.ई. (वैद्युत अभियांत्रिकी)

## ओवर टाइम और महंगाई

जून का महिना था  
चेहरे पर पसीना था  
शाम के साढ़े सात होने को थे।  
अभी भी सूरज बहुत अकड़ रहा था।  
मैंने पूछा सूरज से अरे भाई  
क्यों कहर बरसा रहे हो  
लोगों को सता रहे हो  
पहले तुम इतना न सताते थे  
सूरज ने मुझे कह ही दिया  
अरे भाई मैं खुद परेशान हूँ  
महंगाई से हैरान हूँ  
मैं भूख से मर रहा हूँ  
इसलिए ओवर टाइम कर रहा हूँ।

—अंकित खण्डेलवाल

प्रथम वी.ई.

## चुनाव

भैया आजकल चुनावी मौसम गरम है।  
एक धोबी निर्दलीय उम्मीदवार बना है,  
और उसने अपनी निशानी के तौर पर गधे को चुना  
है।  
हमने कहा ओहो! यानी गधा अब भी चैन से नहीं  
सोएगा।  
कपड़ों की जगह अब वादों की गठरी ढोएगा।  
पहुँचे हम इलाके के सब्जी वाले के पास।  
पर वहाँ पहुँचकर पता चला कि आज सब्जी का  
भाव चढ़ा हुआ था।  
चुनावी प्यास लिए उसके पास हर कोई लाईन  
लगाए खड़ा हुआ था।  
हमारा नम्बर आते ही हम बोले :  
“भैया चुनावी उम्मीदवारों के बारे में हमें भी कुछ  
बता दो।”  
“किसको दें अपना कीमती वोट इसका हमें पता  
दो।”  
हंसकर बोला वो हम से :  
“इस बार अपने इलाके से पाँच प्रत्याक्षी खड़े हुए  
हैं।  
हर किसी पर कम से कम पाँच केस चढ़े हुए हैं।  
पहले ने खून किया था, दूसरे ने डकैती डाली थी।  
तीसरा ठग था, चौथे ने कितनी ही जेबें मारी थी।  
पाँचवा है धोबी, जो एक निर्दलीय उम्मीदवार है।  
वही इन सब में सबसे सच्चा ओर ईमानदार है।  
तो अगर अपने इलाके की अच्छी तस्वीर बनानी है।  
तो फिर आपको गधे पर ही मोहर लगानी है।”  
हो गया था हमें उसकी बात पर पूरा विश्वास।  
अब तो जाएगा हमारा वोट धोबी के ही पास।  
लेकिन लाइन से बाहर आने पर किसी ने बताया,  
ये सब सब्जी वाले का झामा है,  
वो धोबी तो इस सब्जी वाले का मामा है।  
इसका मतलब कि ये सब्जी वाला भी नहीं है  
सच्चा।  
अपना कीमती वोट तो अपनी जेब में ही है  
अच्छा।

—आभिनव कश्यप  
तृतीय वी.ई. (यांत्रिकी)

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