



THE SKIT TIMES

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

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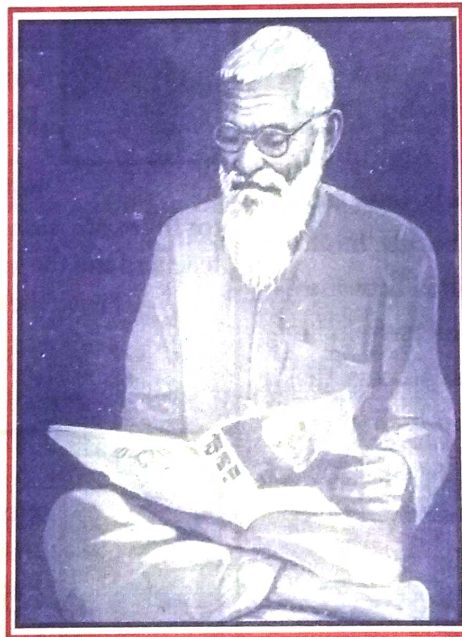
Swami Keshvanand --- A Tribute (1883-1972)

Born on December 17, 1883 at Mangloom village of Shekhawati region in Rajasthan, Swami Keshvanand was at once an exemplary Karmyogi and an unswerving proponent of the spiritual values in human life. In him, as in most other notable saints, the two apparently different lines of thought converged towards the same end in order to form an organic unity.

His realm of action (*Karmakshetra*) stretched far and wide. He attended the Congress session in Delhi, presided over by Madan Mohan Malviya on December 29, 1918 and left an indelible impression on the participants by exhibiting his unbridled patriotism and abiding concern for the masses who fell a victim of the crushing heels of British imperialism. He motivated the people to join the freedom movement launched by Gandhiji and himself remained imprisoned on that account in Multan for about a year.

Again, as a true Karmyogi, he served the nation by his independent and unorthodox pronouncements on the floor of the Rajya Sabha where he had a fairly long stint as a member (1952-1964).

A social crusader and a steadfast reformist, Swamiji fought vehemently for the cause of women in India. He believed in an egalitarian society where all barriers of caste, creed and sex are transcended. He set up a Mahila Ashram at Sangaria in April 1949, inaugurated by Dr. Susheela Nayar on October 2, 1955.



He was a colossus who enriched and perpetuated what was high and sacred in education by his multi-faceted genius.

His love for spiritual values in human life was boundless. He became the Mahant of Sadhu Ashram at

Fajilka where he endeared himself to all and his advocacy of the religious life of mankind. He represented not merely one particular set of religion but religion as such, in its universality, without limit of time or space.

The point is that for Swamiji, the realm of life was not cut off from the realm of spirit. In his life, a paradigm shift from the rough and tumble of politics to spiritual discipline was as natural as leaves are to a tree. Indeed, the two orders of reality, the transcendent and the empirical, are closely related.

Swami Keshvanand Institute of Technology is an apt tribute to the memory of the remarkable person who knew so well that we can live in the Highest Self and yet continue to work in the world.

We feel tempted to think of him what Wordsworth spoke in his famous line about Milton:

Thy soul was like a star, and dwelt apart.

-- **K. N. Mathur**

Reader, Dept. of English

EDITORIAL

It is my pleasure and privilege to edit THE SKIT TIMES, and I feel elated at the prospect of a rewarding and useful experience, the like of which I had already had during my stint in various colleges, the prestigious Government College, Ajmer, in particular.

Both, the Director and the Principal of the Institute, it is obvious, attach the utmost importance to THE SKIT TIMES and expect the Editorial Board to bring it out regularly and in good shape, and also to ensure that it purveys college news and disseminates views. True, on a college campus, what is more important is an unfettered academic spirit rather than its spacious fields, beautiful lawns, umbrageous plants and imposing building, for it is the former that irradiates the latter.

Let it be candidly confessed that the hurdles in editing THE SKIT TIMES are numerous. Apart from the editorial work that demands much time and energy, material like news, reports, articles etc. has to be collected from the incharges of various activities which is a job in itself. Repeated requests have to be made for getting the write-ups, and in the process, the schedule is greatly disturbed. And to cap it all, there are printers who, wittingly or unwittingly, scuttle our efforts in bringing out the quarterly bulletin in time and thus get on our nerves.

THE SKIT TIMES offers a varied and readable stuff to its discerning readers. Mostly, the articles are short and yet have a pep in them. It is believed that the students and teachers alike will enjoy reading them.

I, on behalf of the Editorial Board, would like to wish the readers all the best.

-- K. N. Mathur
Dept. of English


MESSAGES



It is heartening to learn that Swami Keshvanand Institute of Technology, Jaipur, is going to publish THE SKIT TIMES, a quarterly bulletin.

This maiden attempt, I believe, will bring out the latent potentialities of our students and thus enrich their artistic creativity.

The task is stupendous because the quarterly feature of the issue will demand greater intellectual alertness from the students and teachers than the annual feature of the college magazine. But I am sure they will surmount all hurdles and bring out the bulletin in its perfectly flawless form and content. I wish the Editorial Board a grand success.


CHAIRMAN
Board Of Governors SKIT



It gives me great pleasure to know that the Editorial Board goes to launch THE SKIT TIMES, a quarterly bulletin of Swami Keshvanand Institute of Technology.

There is no doubt that the bulletin will prove a convenient medium for the expression of the thoughts and feelings of both, the teachers and the students, alike.

I wish the editors all the best.

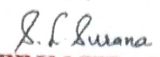

DIRECTOR
SKIT



It is a matter of immense pleasure to know that Swami Keshvanand Institute of Technology, Jaipur, is bringing out THE SKIT TIMES, a news bulletin.

The bulletin, no doubt, is the need of the hour because it attempts to focus on the various quarterly activities of the Institute that take place on the campus. This apart, it provides an opportunity to our students to express their thoughts in the language of their choice.

Best wishes to the Editorial Board!


PRINCIPAL
SKIT

NEWS IN BRIEF

A MORAL DISCOURSE

On September 2, 2003 Swami Parmatmanand Saraswati, the founder of Arsha Vidhya Mandir, Rajkot, addressed the students of the Institute, exhorting them to re-design their lives and make them more meaningful than what they are now.

He said the world is too much with us, and that we are beset with what Dr. Radhakrishnan calls 'humdrum toil, material greed and sensual excitement.' We have grown so materialistic in our outlook that the thinking aspect of our Being has taken a back seat, corroding our existence.

A disciple of a well-known Vedantic spiritual leader Swami Dayanand Sarsawati, Swami Parmatmanandji attended a rigorous three-year course in Vedanta, Sanskrit and Yoga, and has been preaching regularly in Ahmedabad and Rajkot for the last fifteen years.

PROF. VERMA'S IMPRESSIONS OF THE U.S.A.

In the beginning of the current academic year, Dr. G. R. Verma, Professor of Mathematics, University of Rhode Island U.S.A. and a member of the Academic Advisory Board, SKIT, Jaipur, in a lively and thought-provoking talk addressed to the students, apprised them of the American lifestyle and the system of higher education as is prevalent in America.

In the context of the cultures of India and America, he opined that

comparisons are odious and that what is the best in America should be our model of excellence.

At the end of his talk, Prof. Verma interacted with the students by answering a volley of questions on the subject.

BLOOD DONATION CAMP

On October 1, 2003 Swami Keshvanand Institute of Technology organized a Blood Donation Camp on the college campus at 8.00 a.m. in collaboration with the state unit of the Indian Red Cross Society. About eighty students and a few members of the faculty donated their blood with remarkable enthusiasm.

Mr. P.K. Mittal Zonal Manager, Punjab National Bank, was the chief guest. The guests of honour accompanying him were Ms Kamini Dinesh (Chairperson, Red Cross, Jodhpur district), Sardar Man Singh (State Secretary, Rajasthan Red Cross), Dr. Harish Saxena (Head, Pathology dept. S.M.S. and incharge of the Blood Bank) and Mr. Aulag (Senior Regional Manager, Punjab National Bank).

The Chairman, Board of Governors, SKIT, Mr. Surja Ram Meel, in his lively and thought-provoking speech, talked of the social and ethical value of blood-donation and exhorted all those present there to generously donate their blood.

After the speeches were over, the Director of SKIT, Mr. K.R. Bagaria, proposed a vote of thanks and invited the chief guest to inaugurate the Blood

Donation Cell.

KUDOS FOR THE SKITIANS

Arya College of Engineering and Technology, Kukas, Jaipur, organized a programme called "Shradhanjali - 2003" from the 17th to 19th September, 2003. The students of SKIT participated in various competitions and won prizes. Mr. Lakhpat Sankhla (IVSem. Comp. Sc.) bagged the first prize in poster-designing, whereas the third prize went to Mr. Praveen Narula (Vth Sem. E&C) and Mr. Shrayans Agarwal (III Sem Comp. Sc.) in paper-presentaiton, to Mr. Sheshta Gupta (VII Sem E&C) in discussion on a given topic, to Mr. Manan Goyal (VII Sem. E&C) and Mr. Abhishek Bhargava (VII Sem E&C) in software development and to Ms Suchita Sanghi (Vth Sem. E&C) in an extempore debate competition.

In a Quiz Competition held at Stani Memorial College of Engineering and Technology, Phagi, Jaipur, on September 31st, 2003, Mr. Ankur Bhargava, Mr. Anurag Vashishtha and Mr. Riju Jacob bagged the first prize and thus won an avalanche of accolades.

We give a pat on their backs for their splendid performance.

TECHNICAL ADVANCEMENT IN COLUMN CHEMISTRY

Conducted by Water India Private Ltd., there was a one-day

seminar at Maharani Palace, Jaipur, on technical advancement in column industry. On the morning of August 27th, 2003, Mr. Anil Kurup, Production Manager, initiated the discussion by speaking of the technological advancement and various instrumentation methods.

Ms (Dr.) Sangeeta Vyas (Dept. of Chemistry) of our Institute actively participated in the seminar by expressing her own views on the subject.

GAMES AND SPORTS

In the inter-college swimming meet that took place at the University of Rajasthan, Jaipur, on September 26, 2003, Mr. Manan Goyal was adjudged second in the 100 meter event.

On October 13, 2003 in the inter-college tournament meet held at the University of Rajasthan, Jaipur, Mr. Kinchit Talwar (V Sem. I.T.) was declared second for having the best physique during the year 2003-2004, whereas Mr. Manan Goyal (VII Sem. E & C) secured third place in weight-lifting.

Our congratulations to the winners!

WELCOME ARRIVAL

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

Mr. M. L. Bhargava

(Dept. of Industrial Economics and
incharge Career Service Cell)

Mr. K. N. Mathur

(Dept. of English)

Mr. Ashish Kumar Gupta, Mr.

Niranjan Ameta, Ms Khushboo Padlia, Ms Nisha Harkawat, Mr. Neeraj Dhawan, Mr. Sajjan Kumar Sagar.

(Dept. of I.T. & Computers)

Mr. Amit Mathur, Ms Garima Bajaj, Ms Neha Gupta, Ms Rekha Sharma, Mr. Rupesh Baphna, Ms Vibha Midha, Ms Charanjeet.

(Dept. of Elect. & Com.)

Mr. Manohar Lal Choudhary, Mr. Deepak Counsal, Mr. Rajesh Kumar Jain, Ms Kiran Gajrani

(Dept. of Elect. Engg.)

Ms Veenu Sisodia, Mr. Yogesh Chandra Sharma, Ms Abhilasha Saini

(Dept. of Physics)

Ms Sangeeta Gupta

(Dept. of Maths)

Ms (Dr.) Vinita Sharma

(Dept. of Chemistry)

We extend a hearty welcome to Ms Rachna Meel also who has joined us during the current academic year as Registrar, Swami Keshvanand Institute of Technology.

Catholic in outlook and sweet in demeanour, Ms Rachna leaves an indelible impression on the minds of the persons she comes across by her sheer administrative acumen and sound knowledge of academic matters.

BIDDING ADIEU

The following members left the Institute on account of various reasons;

Ms (Dr.) Sushmita Majumdar

(Dept. of Physics)

Mr. Nameet Dhindsa, Mr. Mahesh Pareek

(Dept. of Comp. Engg.)

We wish them good luck.

RESEARCH PUBLICATIONS

A wag once said that an average research work is nothing but the transference of dead bones from one academic graveyard to another. But the research papers presented to the national and international journals of repute by the members of the faculty here reveal something else; they merit our attention.

Principal, **Dr. S. L. Surana's** paper entitled "Power System Security Evaluation Using ANN: Feature Selection Using Divergence" has been published in the July 20-24, 2003 issue of Proceedings of the International Joint Conference on Neural Networks, Portland, U.S.A.

Mr. Rohit Mukherjee's (Dept. of Maths.) paper "A Class of Convolution integral equations involving product of generalized polynomials set, general class of polynomials and Fex's H-function" has been accepted for publication by Bulletin Calcutta Mathematical Society, Vol. 50, No. 1, 2004.

The following research papers of **Ms Veenu Sisodia** (Dept. of Physics) have figured in various journals:-

(i) "Mixing induced by swift heavy ion beam at (Ti, Ni) / Si interfaces" published in Annual Report of Nuclear Science Centre, New Delhi. (2003)

(ii) "Structural Modification by swift heavy ion at metal/ Si interface" published in Radiation

Measurements 36 (2003), Pergamon Press, Elsevier Ltd., U.K.

(iii) "Ion beam mixing at Fe / Si interface" published in Proceedings of the Dept. of Atomic Energy, Solid State Physics Symposium, Dec. 2003

Dr. Vinita Sharma's (Dept. of Chemistry) paper "Kinetics of reduction of Ga (III) d.m.e. in the N-Glycyglycine" has been published in Journal of Ultra Scientist of Physical Sciences, Bhopal. (Volume 15, ' No. 3, Dec. 2003).

DESIGNING CMOS VLSI SUBSYSTEMS

A course with its nomenclature "Designing CMOS VLSI Systems" sponsored by AICTE was attended by **Ms Karuna Jaswani** and **Ms Kajal Ojha** (Dept. of Electronics) of our Institute at Malviya National Institute of Technology, Jaipur, from September 22 to 26, 2003. Lectures were delivered by eminent scholars like Prof. G. S. Visweswaran (I.I.T. Delhi), Mr. D. Boolchandani (M.N.I.T., Jaipur), Dr. Vineet Sahula (M.N.I.T., Jaipur), Dr. Chandra Shekhar and Mr. Raj Singh (C.E.E.R.I., Pilani). The principal point of concern was the designing of VLSI systems and various challenges faced by the designers.

It was a rewarding experience for Ms Jaswani and Ms Ojha in the sense that they had a wonderful opportunity of interacting with the scholars who came from various places, particularly Delhi and Pilani. A threadbare discussion on the subject proved beneficial.

BOOKS AND AUTHORS

The following members of the

faculty have authored the books of their subjects which are geared to the needs of the students of engineering colleges in Rajasthan:-

Ms (Dr.) Sangeeta Vyas (Dept. of Chemistry), in collaboration with Dr. R.K. Vyas (M.N.I.T, Jaipur) and Ms (Dr.) Nidhi Jain (Arya College of Engineering and Technology, Jaipur), has authored "Chemistry for Engineers", (Ashirwad Publications, Jaipur)

Mr. Anoop Singh Poonia (Dept. of Electronics) has authored the following books:

(i) "Analog and Digital Communication"

(ii) "Information Theory and Coding" (Shri Krishana Publications, Jaipur)

(iii) "Microwave Engineering-I" (iv) "Digital Logic and Circuit Design"

(Ashirwad Publications, Jaipur)

(In collaboration with Mr. Mahesh Maliwal, Jaipur.)

Mr. Amber Shrivastava (Dept. of Maths.) has authored "Problems and Solutions of Engineering Mathematics" Vol. I in collaboration with Ms Nupur Srivastava (Dept. of Maths.), Poornima College of Engineering, Jaipur.

(Genius Publication, Jaipur)

SLIET COMPETITIONS

On the campus of Sant Longowal Institute of Engineering and Technology, Sangrur, Punjab (SLIET), certain activities were organized during the course of which about 2000 students from various engineering colleges of the country participated (Oct. 17-18, 2003).

Ms Nidhi Shrivastava, Mr. Saurabh Shrivastava and Mr. Rajnish

Jha (III Sem. Comp.) of our Institute bagged a consolation prize in the software competition, whereas the third prize went to Mr. Praveen Narula (V Sem. E&C.) in the paper-presentation competition.

Laurels to the Skitians!

eNCARTA-2003

In a technical festival organized by the Dept. of Computer Science, M.B.M. Engineering College, Jodhpur (Encarta-2003), around 500 students from various engineering colleges of Rajasthan participated.

Mr. Nitin Sharma and Mr. Himanshu Agarwal (V Sem. I.T.) were adjudged first in the contest concerning nexus-predefined networking problems, whereas Mr. Gaurav Gupta (VII Sem. Comp. Sc.) bagged the second prize in Group Discussion. Mr. Ashish Raj and Mr. Gaurav Gupta (VII Sem. Comp. Sc.) were declared third in networking quiz competition; also, Mr. Ashish Raj and Mr. Gaurav Gupta (VII Sem. Comp. Sc.) were placed third in the Dexterity in Problem - Solving Competition.

Congratulations to the winners!

"It is dangerous to let man see too clearly how he is on a level with animals, without showing him his greatness. It is dangerous to let him see too clearly his greatness without his meanness. If he boasts himself, I abase him, if he abases himself, I exalt him. I contradict him continually, till he comprehends what an incomprehensible monster he is"

--Pascal

SHORT ARTICLES

A PLEA FOR INFORMAL EDUCATION

Whether it is a seminar or a symposium on higher education, the principal point that emerges from the discussions is the relevance of informal education in shaping the total personality of a student.

Indeed, knowledge as the felt thing and not knowledge as a dead mass of facts is the aim of education. When education is reduced to the level of mere intellectual drill, when information rather than the growth of intellect becomes the ultimate value of the academic life, when we withdraw from the pressure and the activities of our society into the ivory-tower of scholarship, there is a debasement of learning without our quite knowing it.

For many examinees, every thing is of value so far as it can help them answer questions likely to be put by the paper-setter's ingenuity and any mental effort required outside the beaten track is viewed as sheer wastage of time and energy. Such smatterers can carve out only a successful career but not a successful life.

I, therefore, submit that apart from the bookish knowledge that we acquire in class-rooms and at our homes, let us really endeavour to pursue the study that can shape our character. If somebody is there in the porch of the college to meet me in an idle mood and take me for a long walk along the bank of a canal or by the side of a running brook, and discuss things with me, it would be only too tempting. If I could lay my hands on the books not prescribed for the

course of study but otherwise quite enlightening and absorbing, it would be my pleasure to read them.

"The truth is", says Robert Lynd, "that education should be neither all formalism and routine, nor an affair of desultory impulses. Discipline and indiscipline must balance one another, and the result will be better than a monopoly of either."

—Ms Suchita Sanghi
(V Sem. E&C)

PETER-PAN SYNDROME

Ageing is one of nature's universal phenomena. It can't be stalled. Grey strands of hair, crow's feet, a receding hairline and sallow skin will certainly show their impact on human body. Then, why to be frightened of the inevitable old age?

I don't find any meaning when I see people flocking to beauty parlours and becoming increasingly addicted to cosmetics. They don't want to accept the ravages of age; on the contrary, they struggle hard to look younger than their years.

I suggest we avoid buying or using products or other interventions from any one claiming that they will either stop or reverse ageing. In point of fact, there are no lifestyle changes, surgical procedures, vitamins, antioxidants and hormones available to-day that can reverse the ageing process.

A recent surge in plastic surgery has seen some people go to the extreme lengths to look younger than they are. In pursuing the cult of youth, they have obviously lost all perspective. An old man afflicted with

osteoporosis, in an attempt to convince people that he is young, walked with an arrogant swagger, and in the process, got his bone or two fractured.

I believe that one should grow old gracefully and that no worthless effort should be made to stem its advance. In a furrowed forehead, each wrinkle indicates a major development in life. Nafisa Ali, a former model and film-star, now 46, says: "Women these days are willing to do almost anything to look younger. But I wanted to age naturally. I feel comfortable with my wrinkles. Ageing is not about wrinkles, flab or greying. Though the world is putting a reverse gear on ageing, I accept it with open arms."

Furthermore, Wahida Rehman, a cine-star of yesteryear, now 64, rightly says: "If you accept age gracefully, you will look better". She seems to suggest that beauty lies in mind only; it doesn't consist of a charming face, an impressive gait and silky skin.

Those who think that youth can be eternally maintained talk nonsense, and those who try, appear terribly gauche.

—Satish Kumar Gupta
(V Sem. Elect. Engg.)

HYDROGEN AS A FUEL

Hydrogen, the inflammable gas, can be used for automobiles and aircrafts as their source of energy. If the aircraft is operated on hydrogen as a fuel, it will be much cheaper. It leaves a little trail of water-vapour across the sky rather than the harmful gases after the petrol gets burnt.

These aircrafts, when compared to the conventional ones,

offer many advantages. First, the energy released by hydrogen is three times greater than the energy released by conventional aircrafts which use petrol. The hydrogen-powered aircrafts are capable of flying very far without any need of refuelling.

Second, in the hydrogen-propelled aircrafts, hydrogen burns in combination with oxygen to produce water, whereas in the conventional aircrafts, petrol gets burnt, generating hundreds of breakdown products which are released in the atmosphere. And this ultimately contributes to the 'Green House Effect'.

Third, the hydrogen-propelled aircrafts are safer than the conventional ones; within only 31 seconds the latter can be destroyed while the former can't be burnt completely. Hydrogen burns at such a low temperature that the aluminium of fuselage can protect those inside the craft from the fury of fire, thus enhancing the degree of safety.

The planes running on hydrogen are named cryoplanes. They have flattened cabins and stubby wings and carry frozen hydrogen in large refrigerated tanks above their fuselage. They are the cheapest means of transport we have ever known, barring the solitary exception of the hot air balloon.

The recent renewal of interest in hydrogen is mainly due to the expected steep rise in the prices of petrol. It is believed that oil-wells the world over will start drying up between the years 2040 and 2060.

The production of hydrogen, by contrast, can be made cheaper and abundant by passing an electric current through water. This means that countries like Canada, where both water and hydroelectric power are available in plenty, can one day pose a threat to the monopoly of South

East Asia.

The introduction of hydrogen can be applied to cars as well. Prototypes of cars using hydrogen cells will give more power to the car's in order to run efficiently.

The problem with gyroplanes is that if they are ruptured in a terrible crash, the passengers will soon find themselves covered with supercooled hydrogen, resulting in death. Likewise, in case of cars, the hydrogen cell, because of its huge size, makes it difficult to accommodate itself. But if we use the device in buses, the results are bound to be encouraging.

I believe the scientists will one day surmount all the problems, and in the days ahead we will find cars and planes powered with liquid hydrogen.

—Amit Mathur

(Dept. of Elect. & Comm.)

TIPS FOR WRITING RESUME

Following are some guidelines meant for students when they sit to write their resume in order to seek a job:-

Determine your career objective prior to writing the resume. Once you have determined your objective, you can structure the content of your resume around that objective. Think of your objective as the bull's-eye to focus your resume. If you write your resume without having a clear objective in mind, it will appear unfocused to those who read it.

Think of your resume as a marketing tool. Think of yourself as a product, potential employers as your customers, and your resume as a brochure about you. Market yourself through your resume. Mention clearly what makes you unique. Make sure to convey this information in your

resume.

Use action-oriented words.

Action-oriented words cause your resume to pop. To add life to your resume, use bullet-like sentences that begin with words like 'prepared', 'developed', 'monitored', and 'presented'.

Play a Match - Game. Review 'WANTED' ads, for positions that interest you. Use the key words listed in these ads. to match them to the bullets in your resume. If you have missed any key words, add them to your resume.

Show what you know. Don't go into the depth of one area; instead, use your resume to highlight the wide horizon of your knowledge.

Have someone else to review your personal skills. Since your involvement in the situation is very close, it can be difficult for you to highlight all your positive points and clearly convey all your accomplishments through personal skills. Encourage them to ask you questions, for their questions can help you to discover your personal skills.

Voluntary Information. If you use personal data such as age, sex, marital status, race or religion, it could send the potential employer the wrong message. In the past, this was acceptable, but times have now changed. The Affirmative Action guidelines don't permit the personal data to be used. So, experts don't recommend the prospective employees to insert this kind of information into their resume. Also, your resume does not need a photograph. After potential employers read your resume, they can decide if they are interested in you. They will assess your ability during the interview.

—Prof. M. L. Bhargava

(Dept. of Industrial Economics)

POEMS

IT'S ALL UP TO YOU

One song can spark a moment,
One flower can awaken the dream,
One tree can start a forest,
One bird can herald a spring.

One smile begins a friendship,
One handclasp lifts a soul,
One star can guide a ship,
One word can frame the goal.

One vote can change a nation,
One sunbeam can light a room,
One candle wipes out darkness,
One smile will conquer gloom,

One step will start a journey,
One word will start a prayer,
One hope can raise our spirits,
One touch can show you care.

One voice can speak with wisdom,
One heart can know what's true,
One life can make all the difference,

You see, it's all upto you.

--Ms Ekta Gupta
(VII Sem. I.T.)

EVERY CLOUD HAS A SILVER LINING

Life is tough and hard sometimes,
With only clouds and no sunshine.

When future is bleak and past beyond repair,
You hang your head in depths of despair.

But whatever happens, you must not quit,
You must hang on and do your bit.

For there is always a ray of hope,
There is always a way to cope.

Despite the storm the sun is still shining,
And every cloud has a silver lining.

--Ms Veenu Sisodia
(Dept. of Physics)

FOR CRITICS

Publishing a magazine is no picnic,
If we print jokes, people say they are silly,
If we don't, they say we are too serious.

If we take articles from other magazines,
We are too lazy to write them ourselves,
If we don't, we are too fond of our ideas.

If we don't print contributions,
We fail to appreciate true genius,
If we print them, they say it's all rubbish.

--Ms Anuradha Sulamiya
(III Sem. E&C)

MY BOSS AND I

When I take a long time, I am slow,
When my boss takes a long time, he is thorough.

When I do not do it, I am lazy,
When my boss does not do it, he is too busy.

When I do something without being told,
I am trying to be unduly smart.
When my boss does the same,
He is pro-active.

When I please my boss,
I'm said to be flattering,
When my boss pleases his boss,
he is cooperating.

When I recommend something,
I'm accused of self-interest,
When my boss does the same,
it is in public interest.

When I do good work,
my boss never remembers,
When I do anything wrong,
it is recorded in my A.C.R.

--Vineet Jain
(III Sem. E. Engg.)

KEY TO SUCCESS

If we really want to pass,
Let us daily attend the class.

If we want to have a better life,
Let's always work and strive.

Love books and keep them near,
For knowledge reigns supreme my dear.

Dreams alone won't lead you far,
Work will help you reach your star.

Work and work, take no rest,
Leave to God, all the rest.

--Manish Kaushal
(II Sem. Comp. Sc.)

हिन्दी अनुभाग

सम्पादकीय

‘कल्पना ज्ञान से अधिक महत्वपूर्ण है।’ अल्बर्ट आइंस्टाइन द्वारा कथित ये शब्द स्वतः ही सृजन की महत्ता को प्रकट करते हैं। सृजनशील व समीक्षात्मक दृष्टिकोण निश्चित ही प्रगति का आधार हैं।

इसी विचार से प्रेरित यह संस्थान छात्रों के बहुमुखी विकास के प्रति नितांत समर्पित है। यह संस्थान छात्रों के उन सपनों का अवलंबन है, जिसमें आकाश को छूने की आकांक्षा है। नवपीढ़ी की लेखनी द्वारा उनके मन में अंकुरित भावनाओं को मंच प्रदान करने का प्रयास ही आज “स्किट टाइम्स” के रूप में अस्तित्व में आ रहा है। इसी दिशा में संस्थान प्रबंधन का सहयोग सराहनीय है।

“स्किट टाइम्स” माँ सरस्वती को समर्पित वंदन है, जिसमें हमने साहित्य के हर रंग, हर स्वर को संकलित करने का प्रयास किया है। जहाँ एक ओर देशप्रेम के ओजस्वी स्वर हैं, वहीं देश की बिगड़ती व्यवस्था पर तीखा कटाक्ष है। वर्तमान परिवेश में उनकी प्रतिक्रियाओं को सशक्त चित्रित करना ही हमारा उद्देश्य है। “स्किट टाइम्स” एक प्रयास है, उन असंख्य विचारों को संजोने का जो हमारे प्रतिभाशाली छात्रों की बौद्धिक क्षमता का परिचायक है।

नवीन, मौलिक, आधुनिक, विकासशील अभिव्यक्तियों को सहेजने की इस कोशिश में आपका सहयोग अपेक्षित है। आशा है आप हमारी ग्राहियों को क्षमा करते हुए अपने समीक्षात्मक विचारों से अवगत करायेंगे।

धन्यवाद।

डा. अर्चना सक्सेना
चरणजीत कौर
सम्पादक (हिन्दी अनुभाग)

सम्प्रेषण

आज जब सम्प्रेषण (कम्युनिकेशन) की बात होती है तब इसका अर्थ केवल अंग्रेजी समझने एवं बोलने से लगाया जाता है। परन्तु यह सोच सर्वथा गलत है। विचारों को सही-सही तथा उचित रूप में सहजता के साथ इस प्रकार प्रकट करना कि वह सुनने वाले व्यक्ति को सरलता से समझ में आ जाये, यही सम्प्रेषण का मुख्य उद्देश्य है। भाषा का माध्यम कुछ भी हो सकता है। हिन्दी अथवा अंग्रेजी अथवा कोई और भाषा। तकनीकी शिक्षा के संदर्भ में हिन्दी के साथ-साथ अच्छी अंग्रेजी का ज्ञान होना अत्यन्त आवश्यक है। इसके लिये कुछ बिन्दु अपनाये जा सकते हैं।

1. अंग्रेजी नहीं आने के कारण मन में किसी भी प्रकार की हीनभावना नहीं पालें।
2. अंग्रेजी के समाचार सुनें।
3. अंग्रेजी की पत्र पत्रिकाएँ पढ़ें।
4. अंग्रेजी का शब्द भण्डार बढ़ायें।
5. नये शब्दों को सुनकर प्रयोग करें।
6. डिक्शनरी का प्रयोग करें।
7. अंग्रेजी व्याकरण सीखें तथा आपस में अंग्रेजी में बात करें।
8. अंग्रेजी बोलने की डिस्क समाप्त करें।
9. उच्चारण पर ध्यान दें।
10. शीशे के सामने बोलकर देखें तथा स्वयं के हावभाव पर ध्यान दें।
11. समूह बनाकर किसी विषय पर चर्चा करें।

डॉ. संगीता व्यास
प्रवक्ता (रसा. वि.)

आओ आज हम

आओ आज सब मिलकर, कुछ ऐसा कर जावें हम,
वाद रखे हमें दुनिया छाप अपनी छोड़, जावें हम।
जीते-मरते हैं वृ तो दुनिया में लोग बहुत,
जिन्दगी हो सार्थक, कुछ ऐसा कर जावें हम।

आओ आज सब मिलकर, कुछ ऐसा कर जावें हम,
वाद रखे हमें दुनिया, छाप अपनी छोड़ जावें हम
लेकर छोटी-छोटी बातों को द्वेष ना फैलावें हम।
कुछ बनना ही है अगर तो मातृभूमि की ढाल बने हम।
हो होंसले बुलंद, करें राष्ट्र का उत्थान हम
बैंग एकता के सूत्र में, चट्टान से टकराएं हम।

आओ आज सब मिलकर, कुछ ऐसा कर जावें हम,
वाद रखे हमें दुनिया, छाप अपनी छोड़ जावें हम।
उठें न नजर पाक की, न हो ऐसा दम खम,
मुशरफ के इरादों को नेस्तों-नाबूत कर जावें हम।
घोखा देने की किसी को, फिर ऐसी हिम्मत न हो,
आज इसकी दशा, कुछ इस तरह कर जावें हम।

आओ आज सब मिलकर, कुछ ऐसा कर जावें हम,
वाद रखे हमें दुनिया, छाप अपनी छोड़ जावे हम।

मान प्रकाश भाम् (मान)
बी.ई. प्रथम वर्ष (इलेक्ट्रिकल)

नेता

कुछ पढ़े लिखे बेचारे हैं,
और सिर्फ लगाते नारे हैं।
जब आकर पड़ती है सिर पर,
तब हो जाते नकारे हैं।
कुछ पढ़े लिखे बेचारे हैं,
देने को गरीब हैं बिलकुल,
लेने को लारे लारे हैं,
'मावा' की दुनिया उजड़ गई,
औरों के वारे न्यारे हैं।
कुछ पढ़े लिखे बेचारे हैं,
बातें करते सच्चाई की,
पर सत्य के आगे हारे हैं।
सही समय पर काम न करते,
हर इक काम को टारे हैं।
कुछ पढ़े लिखे बेचारे हैं,
जन सेवा की बात करें ये,
अपनी सेवा करवाते हैं।
अमरीका में घूम-घूम कर,
खूब खर्च करवाते हैं।
कुछ पढ़े लिखे बेचारे हैं,
आये इलेक्शन सिर पर जब,
तो घर-घर के बंजारे हैं।
बात समझ से बाहर इनकी
भाषण प्यारे-प्यारे हैं।
कुछ पढ़े लिखे बेचारे हैं,

अनुज सक्सेना
बी.ई., प्रथम वर्ष

लड़कियाँ

सुबह से रिनग्यता, रात से गहनता,
हवा से तरलता और खुशबू से विरलता लेकर,
नदी से समर्पण की एक बूँद उठाई होगी,
इस तरह परमात्मा ने लड़की बनाई होगी।
लड़की यदि पत्नी है, तो व्यक्तित्व का समर्पण है,
लड़की यदि बहन है, तो शुचिता का दर्पण है,
लड़की यदि भाभी है तो भावना का भंडार है,
लड़की यदि काकी है तो कर्तव्य की साधना है।
बेटी है लड़की तो जाड़े की गुनगुनी घूप है,
और लड़की यदि माँ है तो परमात्मा का रूप है,
गंगा की अस्मिता है, यमुना की धारा है,
दया की देवी है, ममता की मूर्ति है।
आस्था के आंगन में, सद को संजोए खड़ी,
दहलीज के देवत्व का, अंतिम सहारा है,
प्रेम की परकाष्ठा है, त्याग का तपोवन है,
जीवन को अपने अंचल में छुपाए, अर्पण सी
शायद इसका जीवन है।
सच कहूँ तो लड़कियाँ परमात्मा के कलश से,
पृथ्वी पर छलक आए, अमृत का अंश हैं।

आशा कपूर
तृतीय सैमिस्टर (आई.टी.)

‘महिलाएँ एवं उनका सम्मान’

महिला शब्द की व्युत्पत्ति ‘मह’ शब्द में इला प्रत्यय लगने से हुयी है। ‘मह’ का अर्थ है पूज्या। पूज्य होने के कारण सत्री का नाम ‘महिला’ पड़ा। सत्री को समुचित आदर देने के अर्थ में महिला शब्द का प्रयोग किया जाता है।

किसी भी समाज का स्तर वहाँ की महिलाओं की अवस्था से परिलक्षित होता है। जिस समाज में महिलाओं का सम्मान होता है, वही समाज सम्य और विकसित होता है। मनु द्वारा लिखित निम्नलिखित उक्ति इसी तथ्य को प्रस्तुत एवं प्रतिपादित करती है।

“यत्र नार्यस्तु पूज्यन्ते रमन्ते तत्र देवताः”

अनेक कवियों ने भी ब्रह्म विद्या सीखने के लिये विदुषियों को अपना गुरु माना है। वेदों के गूढ़ अर्थ को गार्गी जैसी विदुषियों ने समझाया। महाभारत काल में भी संतान के नाम के साथ उसकी माता का नाम जोड़ा जाता था जैसे गंगापुत्र भीष्म। लेकिन जैसे-जैसे जीवन मूल्यों का ह्रास होता गया नारी की सम्मानजनक स्थिति में निरन्तर गिरावट आयी है। अतः नारी के सम्मानजनक अतीत को पुनः वापस लाने हेतु आज के परिवर्तनशील समय में पुनः विचार करने की आवश्यकता है।

श्रीमती विनीता गुप्ता
प्रवक्ता (गणित)

“भारतीय जवान”

(देश के अमर शहीदों को श्रद्धांजलि एवं पड़ोसी देश को चेतावनी)

खूब खेली तुमने खून की होली,
बंदूकों से बनाई है तुमने दीवाली,
तुम्हारा दशहरा मनाने,
आ रहा भारतीय जवान है।

दुआएँ माँगते रहे हम अल्लाह से,
इस नासमझ को समझ दे थोड़ी,
काली के चरणों में शीश तुम्हारा चढ़ाने,
आ रहा भारतीय जवान है।

शांति प्रिय रहे हैं हम,
गलतफहमी है तुम्हें कि कायर हैं हम,
युद्ध में तुमको धूल चटाने,
आ रहा भारतीय जवान है।

अमन कश्मीर का छीना तुमने,
खून की नदियाँ बहाई हैं,
तुम्हारी इस पाक जमीन को शमशान बनाने,
आ रहा भारतीय जवान है।

सीमा खत्म हो गई हमारे धैर्य की,
युद्ध ही होगा अब तो आमने-सामने,
शांति की जीत पूरे विश्व को दिखाए,
आ रहा भारतीय जवान है।

इस जंग के मैदान में पीठ दिखाकर,
भाग क्यों रहा है तू कायर,
पाँव लटके हैं तेरे उस कब्र में,
जो बनी है उस पाँच कदम जमीन पर,
तेरी छाती पर तिरंगा फहराने,
आ रहा भारतीय जवान है।

बलबीर सिंह खंगारोत

बी.ई., प्रथम वर्ष

नया सवेरा लाना होगा

नई सदी में भारत-भू पर, नया सवेरा लाना होगा।

आस और विश्वास भरा, इस गीत प्यार का गाना होगा ॥

बीत गई जो कड़वी बातें,
निकल गई अंधिवारी रातें
टूट गए जो रिश्ते-जाते,
शोक-व्यथा के बंद कर खाते ॥

गम की अंधेरी रातों में भी, आस का दीप जलाना होगा।

आस और विश्वास भरा, इस गीत प्यार का गाना होगा ॥

मंदिर-मस्जिद भेद भुलाकर,
गीता का संदेश सुनाकर।
देश-प्रेम के जगमें गाकर,
स्वाभिमान से सिर ऊँचा कर

भारत भू है जगद्गुरु, ये दुनिया को बतलाना होगा।

आस और विश्वास भरा, इस गीत प्यार का गाना होगा ॥

माला राम कुम्हार

तृतीय सेमिस्टर (कम्प्यूटर साइंस)

खोज

रोगी अच्छे चिकित्सक की खोज में रहता है,

ज्ञानी तत्व की खोज में रहता है,

बलवान से बैर करने वाला सहायक की खोज में रहता है,

इसी प्रकार साधना करने वाला एकान्त की,

याचक दानदाता की, भयभीत संरक्षक की,

पुलिस अपराधी की, चोर मौके की,

माल संग्रह करने वाला व्यापारी भाव बढ़ने की,

और दुष्ट प्रकृति के लोग दूसरों को कष्ट पहुँचाने के उपायों की,

खोज में रहते हैं,

लेकिन उदार और सज्जन व्यक्ति

सदा परोपकार और सेवा करने के अवसर की खोज में रहते हैं।

श्रीमती एकता शर्मा

प्रवक्ता (इले.)

“अस्तित्व”

सागर में गिरी बूँद,
लहरों से लिपट गई,
ठरी, सहमी और फिर,
भंवर में सिमट गई।
सोच में डूबी बूँद,
शायद यही मेरी नियति है,
समुद्र की गहराई में,
लुप्त होना ही परिणति है।
आसान नहीं है,
भीड़ से अलग दिखना,
पर असंभव भी नहीं,
स्वयं का अस्तित्व होना।
बूँद ने साहस संजोया,
वाष्प बन कर उड़ी,
स्वाति नक्षत्र हो सहज ही,
चातक के मुख में पड़ी।
मृतप्रायः चातक,
पुनः जी उठा,
गर्व से बूँद का,
वजूद दमकने लगा।
जब हो मन में लगन,
काम नहीं कोई मुश्किल,
करती प्रेरित नव्हीं बूँद,
समझेगा वह हर दिल।

महेश कौशल

तृतीय सैमिस्टर (कम्प्यूटर साइंस)

बिछड़ गई थी कहाँ जिन्दगी

सुलगती आँख महकती हँसी से क्या कहती,
जो मुझ पर बीत रही थी, किसी से क्या कहती।
दया रे दिल में, कोई गम का आशाना न मिला,
मैं अपनी बात, किसी अजनबी से क्या कहती।
लिखी थी प्यास मेरे, आँसुओं के दामन पर,
मैं खुद में डूबी थी, बहती नदी से क्या कहती।
हर एक सितम जहाँ, शोर की नुमाईश थी,
मैं कोई बात वहाँ, सादगी से क्या कहती।
तमाम उम्र जिसे, मैंने खुद ही झुठलाया,
वह जिन्दगी की हकीकत, किसी से क्या कहती ॥

मुकेश कुमार गुरुवारिया
तृतीय सैमिस्टर (कम्प्यूटर साइंस)

“हम भारतीय हैं।”

जब इतिहास का होता मंचन,
काव्यों में होता वीरता का चित्रण
ऐसे समय में गर्वित कहते हम,
हम भारतीय हैं ॥
गर्वित स्वर ये जाता कहाँ,
जब चहुँ ओर तिमिर का घेरा है,
जब न्याय को तरसते,
अश्रु अविरल बहते हैं,
तपस्वियों की जननी थी कभी यह,
अब भ्रष्टाचार की प्रणेता है।
शहीद की चिता पर राजनीति खेली जाती है,
गरीब की जिजीविषा पर विलासिता दम भरती
फिर भी कहते हम,
हम भारतीय हैं ॥
विश्व का शांति दूत
स्वयं आतंक में है जीता,
हर पल हैं चूड़ियाँ टूटती,
मौत का तांडव है रचता,
आशा के हैं दीप कहाँ,
कुण्ठा में जीता हर व्यक्ति,
सौहार्द्र अब होता मद्धिम,
कहाँ गया वह स्वर वसुदेव कुटुम्बकम्,
फिर भी कहते हम,
हम भारतीय हैं ॥

समय का यह दम्भ सुनो,
संयमित, मूक बहुत रह चुके तुम,
नवचेतना के स्वर देकर,
भ्रष्टाचार का करो दमन,
एक और कारगिल लड़ो तुम,
फिर कहना, हम भारतीय हैं।

चरणजीत कौर
प्रवक्ता (इलेक्ट्रॉनिक्स)

“माँ की सीख”

जो आए हार हाथ में, तो आस को मत छोड़िये।
जो हो कठिनाई सामने, विश्वास को मत छोड़िये ॥
आँधियाँ आवें दुखों की, रोशनी मत छोड़िए।
जो घेर ले नैराश्य, तो धैर्य को मत छोड़िये ॥
जो मुसीबत आ पड़े, उम्मीद को मत छोड़िये।
जो भी विपत्ति आ पड़े, सन्मार्ग को मत छोड़िये ॥
परिस्थिति कोई भी हो; बुद्धि को मत छोड़िये।
गर छोड़ना ही पड़े तो,
छोड़िये अभिमान को, पर मान को मत छोड़िये ॥

रीना आचार्य

तृतीय सैमिस्टर (इलेक्ट्रॉनिक्स)

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