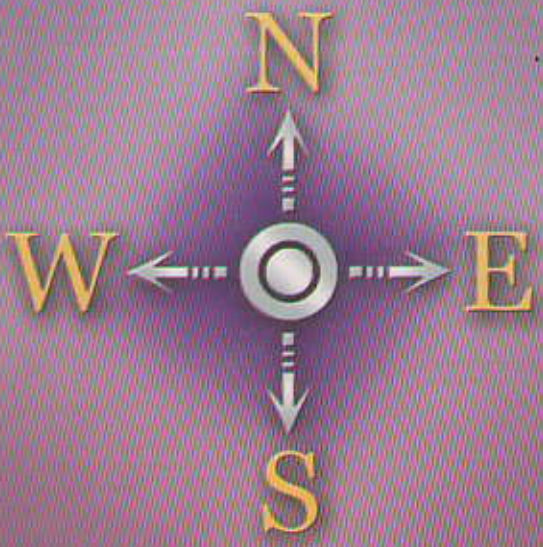
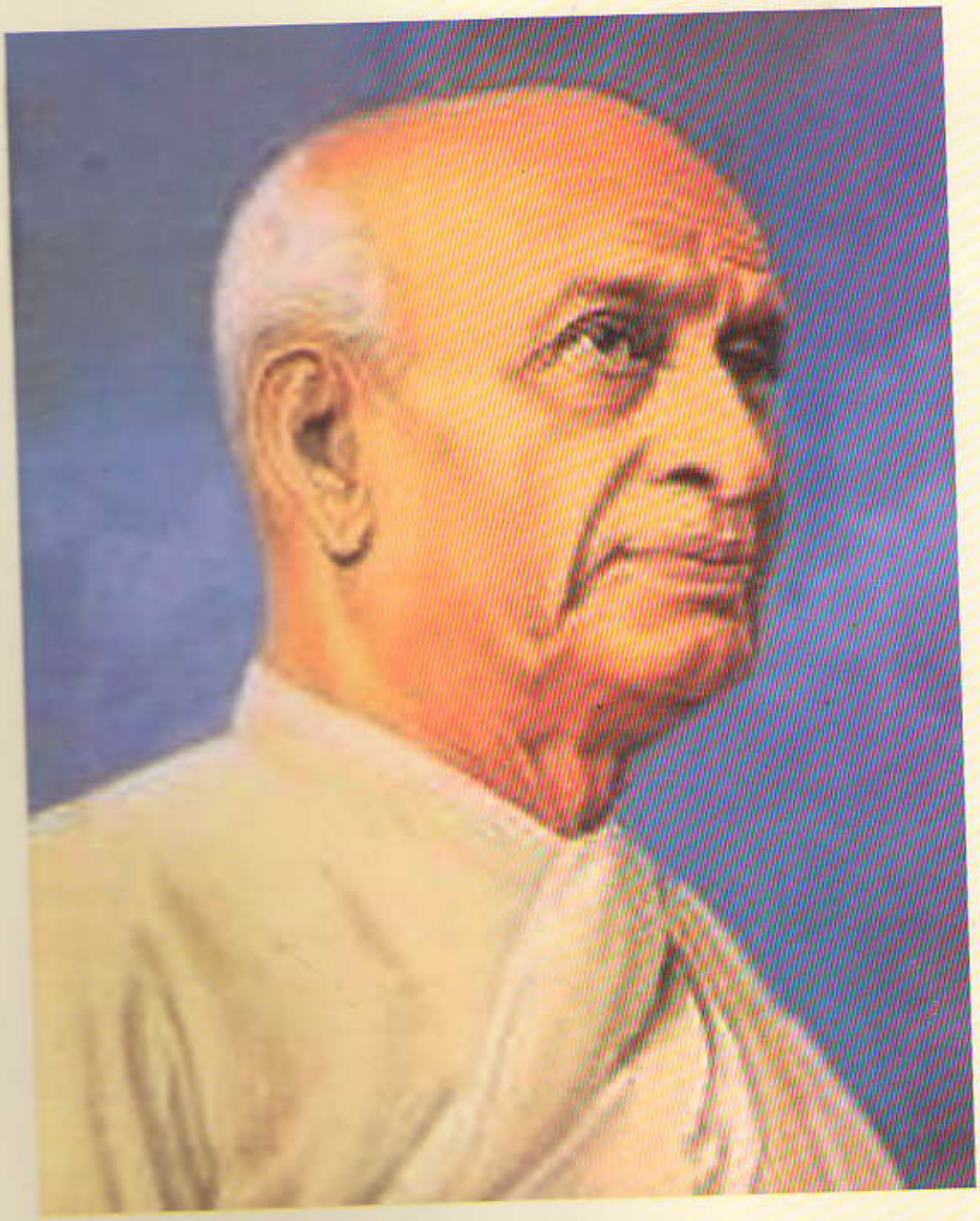
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2002



Bharatiya Vidya Bhavan's
Sardar Patel College of Engineering

Shri Sardar Patel



BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL COLLEGE OF ENGINEERING

ANDHERI (W), MUMBAI

DISHA

(SARJANIKA)

ANNUAL ISSUE
2001-2002

"Education would fail ignominiously
in its objective, if it manufactures only a robot
and called him an economic man stressing
the adjective economic and forgetting
the substantive man. A university cannot afford
to ignore the cultural aspects of education
whatever studies it specializes in.
Science is a means, not an end. Whereas culture
is an end in itself. Even though you may
ultimately become a scientist, a doctor,
or an engineer, you must while in college,
absorb fundamental values which will
make you a man of culture. An engineer has not
merely to build bridges; he has to be a
devoted husband, a kind father, a friendly
neighbour, a dutiful citizen, and a man
true to himself. He will have trials
and tribulations; his heart will fail him at times;
he will then need the strength which
true culture alone can give."

– Kulpati Dr. K. M. Munshi

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Annual Report 2001-2002

I will now present a brief background/history of the college:

- The college was started in 1962 with courses in Civil, Electrical and Mechanical Engg. with an intake of 60 each.
- Subsequently, Part Time Degree Courses in Civil, Electrical and Mechanical Engg. were started in 1985. These courses were for Diploma holders with an intake capacity of 60 on self supporting basis.
- Unaided courses in Computers and Electronics were started in 1994 with an intake capacity of 60. Subsequently, course in Information Technology was started in 1998 with an intake of 40 which was increased to 80 in 1999. The college has proposed to increase the intake to 120 in Computers, Electronics and Information Technology.
- The college also conducts three Part-Time Post Graduate courses in Civil Engineering with Structural Engineering, Geotechnical Engineering and Constructional Management subjects. Department of Mechanical Engineering has started a three year Part-Time Post Graduate Course of M.E. (Mechanical) with Machine Design subjects.

A) Academic Achievements of our students:

The results of University Examinations held in May/June 2001 in various branches have been fairly good. The results of the final year have been extremely good and were as follows:

Examination	% of passing
B.E. (Civil)	91.35
B.E. (Mechanical)	88.00
B.E. (Electrical)	88.31
B.E. (Electronics)	86.08
B.E. (Computer)	85.53

Academic achievements of our final year students have been excellent. The rank positions of our students in Electrical, Mechanical, Civil, Computer and Electronics Engineering are as follows:

1. **Electrical Engineering:**
   - a) Kum Das Debosmita A. — 1st in University
   - b) Shri Iyer Deepak Venugopal — 2nd in University
   - c) Shri Shetty Harish Balkrishna — 4th in University
   - d) Kum Deshpande Gauri K. — 5th in University
2. **Mechanical Engineering**
   - a) Shri Shah Purav Bharat — 2nd in University
   - b) Shri Pande Kapil Pradeep — 3rd in University
   - c) Shri Desain Sameer S. — 4th in University

3. **Civil Engineering**

a)	Shri Chamariya Balaram S.	2nd in University
b)	Kum Dabke Shilpa S.	6th in University

4. **Computer Engineering**

a)	Shri Karthik Kesavan	7th in University
b)	Shri Shrinivasan Vithal	22nd in University

5. **Electronics Engineering**

a)	Shri Gala Hitesh Shamji	7th in University
b)	Shri Kudva Ashwin Kamalaksha	21st in University

B) Details of Achievement of Higher Qualifications by Faculty:

- Shri A.V. Bhonsale, Asst. Prof. in Mechanical Engg. Dept., defended his Ph.D. thesis titled 'Reengineering information for management by facts under TQM environment in Indian Engineering Industries' in Feb. 2002.
- Prof. M.M. Murudi, Asst. Prof. in Structural Engg has been awarded Ph.D. degree from IIT Mumbai. The title of the thesis was 'Seismic Control of Structures using Tuned Liquid Dapers'. He was deputed by the college as a sponsored candidate.
- Prof. P. Shrivastava, Asst. Prof. in Civil Engg. obtained his Ph.D. in Transpiration System Engineering from Civil Engineering department of IIT Mumbai. The title of the thesis as 'Modelling of co-ordinated bus routes network of suburban railway corridors'. He completed his Ph.D. under QIP programme.
- Prof. Smt. S.M. Pandit, Asst. Prof. in Electrical Engg. obtained Ph.D. in Electrical Engineering from IIT Mumbai, in June-2001. She was deputed by the college as a sponsored candidate.
- Smt. P.U. Gharpure, Asst. Prof., Electrical Engg. Deptt. was pursuing research work leading to Ph.D. programme.
- Shri A. Ambavade, Lecturer in Electronics, unaided wing was deputed to IIT Mumbai to pursue Master's programme as a sponsored candidate. He has obtained M.Tech degree.
- Prof. S.S. Umale, Lecturer in Mechanical Engg. Deptt., completed M.E. (Mechanical) with machine design subject in First division from University of Mumbai.

C) Other major faculty achievements:

- Dr. S.Y. Mhaiskar, Vice Principal and Professor in Civil Engineering was invited as a member to deliver lectures at CIDCO and MCGB.
- Dr. M.M. Kulkarni, Asst. Professor, Civil Engg. Deptt., was elected as a member of the curriculum development committee of the Garware Institute of Career Development, University of Mumbai.

- Dr. M.M. Kulkarni was elected as vice chairman of the Mumbai center of the Indian Environmental Association (Member US-WEF).
- Dr. P. Shrivastava co-chaired a session of 'Urban Transportation and Environmental Issues' at national seminar on 'Financing, Design, Construction and Operation of Highways' organized by Department of Civil Engineering, Government College of Engineering, Aurangabad, India.

D) Books published

Dr. Smt. S.M. Pandit is a co-author of the book on 'Computational methods for large sparse power system analysis: An Object Oriented Approach', published by Kluwer Academic Publishers, New York.

E) Papers published by staff members:

Following staff members published papers in various national and international conferences and journals:

- Dr. M.M. Kulkarni, Civil Engg. Deptt.
- Dr. M.M. Murudi, Structural Engg. Deptt.
- Dr. P. Shrivastava, Civil Engg. Deptt.
- Dr. Smt. S.M. Pandit, Electrical Engg. Deptt.

F) Details of training programme organised:

Three weeks winter school on "Teaching Object Oriented Programming and data structures in C++" was organised by Mechanical Engg. Deptt. during 26th Nov. to 14th Dec. 2001. The course was approved by Director of Technical Education, Maharashtra State. Prof. G.T. Thampi (Mechanical) and Prof. Mrs. Prachi Gharpure (Electrical) were coordinator and coordinator respectively. Dr. P.V. Natu and Dr. R.S. Mate were organiser and Chief Patron respectively.

G) Sponsored projects:

- Prof. A.N. Bambole has been awarded a research grant of Rs. 1.00 lakh by University of Mumbai for project entitled "Properties of Polymer Modified Mortar, an Experimental Study".
- The college has sent five proposals for MHRD grants for the year 2001-2002 and two of these proposals are under scrutiny.

H) First year engineering admissions:

The Government of Maharashtra entrusted the work of F.E. admission to our College for Round 3 A and Outside Maharashtra State (OMS) for all Government Aided and Unaided Engineering Colleges in the State of Maharashtra. Prof. M.M. Shah was the co-ordinator and Prof. A.N. Bambole and Prof. A.S. Chavan were the joint co-ordinators. The whole admission procedure was computerised and admissions were made online. All the teaching and non-teaching staff members worked very hard and the work was appreciated by parents and students.

Details of papers published by staff memebrs:

Name of staff member	Title of paper	Date	Venue/Publication
Dr. M.M. Kulkarni Asst. Prof., Civil	A softweare for the design of Effluent Treatment Plant	Nov. 3, 2002	Seminar on Design of Effluent Treatment Plant, World Trade Centre, Mumbai.
	A software for the design of Water	Jan. 18, 2002	34th Annual Convention of IWWA at Indian Institute of Science, Bangalore.
Dr. M.M. Murudi, Asst. Prof., Structural	Optimum positioning of Tuned Mass Damper for Multistoreyed Strucutres subjected to Harmonic Base Excitation	March, 2002	National Conference on Applicable Mathematics in wave mechanics and vibrations P.No. 172-178
Prof. P. Shrivastava Asst. Prof., Civil	Integration of suburban trains and public buses at suburban railway station in Mumbai	July, 2001	9th World Conferecne for Transportation Research (WCTR) held at Seoul, Korea
	Optimal design of bus transit network using Genetic Algorithm	July, 2001	9th World Conference for Transportation Research (WCTR) held at Seoul, Korea
	Optimum scheduling of trains in the context of suburban train network	July, 2001	9th World Conferecne for Transportation Research (WCTR) held at Seoul, Korea
	Genetic Algorithm – a tool for public transport scheduling	Jan., 2002	Advances in Civil Engineering (ACE-2002) Int'l Conf. held at IIT, Kharagpur, India during Jan. 3-5, 2002
Prof. Smt. S.M. Pandit Asst. Prof., Electrical	Design of Generic direct linear system solver for large sparse power system	Nov., 2001	IEEE transaction

Magazine Secretary's Report

Chiradeep B. Chhaya

I start by sharing the grief of millions of cricket aficionados at the sad demise of Ben Hollioake in unfortunate circumstances. My heart goes out, too, to my numerous brethren reeling under the communal riots in Gujarat. And, on the list of the afflicted, the soldiers, their families as well as the civilians in Kashmir and the West Asian warring countries have sympathies of the world community. These are very unfortunate times, indeed.

Amidst such tumultuous times, ***DISHA 2002*** presents a new direction for us to think in. Credit for this goes, in no small measure, to Prof. R.M.Joshi, whose contribution I shall not disparage by trying to put in words, and our ex-officios Prof. S.L.Pendse and Mrs. V.P.Joshi, without whose illuminating guidance this venture would have been a definite non-starter. And, once it kicked off in all earnest at the culmination of another successful ***SPACE***, the ever-ebullient Mrs. M.G.Gokhale navigated it through the intricacies of proof-reading and the subsequent selection and marginalization of articles with her customary finesse. I shall not have, on behalf of my entire committee, a better opportunity for expressing heartfelt thanks unto them. Thanks are also due to the erstwhile General Secretary Rajesh, without whose initiative, we would surely not have had the photographs of the B.E.s and, therefore, it is my duty to also thank the Class Representatives of all B.E. classes for responding to our call for individual photographs of students at a very brief notice. I also express immense gratitude and pride at the way my team of Manik, Tapoti, Mandar, Tanmayi and Nitin has dispensed of the Magazine work, shouldering responsibilities with consummate ease. *A captain is only as good as his crew* and I have had a wonderful time with them. Finally, my predecessor, Niranjan, deserves accolades for guiding us so well.

A few words about the Magazine are in order. Don't panic: there are no *Sidhuisms*. When I was elected to this post in the Students' Council, I had a dream of making ***DISHA 2002*** a touchstone for all future editions. This could have been, and I am very pleased to say has been, possible not by making cosmetic changes to the presentation of ***DISHA 2002*** but by making it symbolic of the pursuits of engineers in this fabulous institution of Sardar Patel College. Therefore, the time-honored Language, Technical and Photograph sections have been left untouched. What has been altered – or invented, should I say – has been a style of content presentation, which flaunts a new, less formal and a less prosaic look. The essence has been conveyed not only in the way the author has presented the matter but, with supporting quotes and a few witty snippets, also in what has been said of the matter in comtemporary literature. As for my contribution, well - *Drawing on my fine command of the language, I have said nothing.* I hope, this style is well accepted by the discerning readers and that no scope for disappointment has been left.

What is the shortest word in the English language that contains the letters: abcdef? Answer: feedback. Don't forget that feedback is one of the essential elements of any communication. I would greatly appreciate if suggestions for improvement are passed over to my successor.

I utilize this opportunity to congratulate Gaurav, Pawan, Sunil, Swapnil, Sharvari and Anuradha at the very commendable manner in which they have carried out their Council duties. The results speak for themselves.

There is this story about a German philosopher, who was walking around impatiently – to and fro – in the late hours of the night in a garden. The watchman there spotted him and came up to him with a stick in hand and shouted, "Who are you and what are you doing here?" To this, the philosopher replied, "That is the question I have been seeking an answer to all this time!"

I hope, with this new edition of ***DISHA***, we know our identities better.

I would like to conclude with a few words to this year's SEs. Take my word for it: you guys have been a revelation and simply the best. I know Pawan and Gaurav will obviously have lots of praise for you but you have amazed everyone with your spirit. Keep it up!!

I wish all my mates a wonderful time.

– CBC signs off

General Secretary's Report

Coming together is beginning, Keeping together is progress & Working together is success!

These were the lines we stuck to in order to obtain an object i.e. a successful series of events round the calendar for the academic year 2001-2002.

Education fails ignominiously in its objective, if it manufactures only a robot and called him an 'Economic Man' stressing on the adjective —Economic and forgetting the substantive—man.

This visionary thought of Dr.K.M.Munshi has transformed our institution into one of the most socializing ones in the state!

Thus the Gymkhana activities have always been an ingrained part of curriculum in SPCE. It started with the Gymkhana Elections of student council conducted by Dr.Sawant on 11th October 2001.The initial euphoria of being elected as the General Secretary of the college died down rapidly as I grasped the enormous responsibilities it laid ahead of me.

The year's activities kicked off with Freshies Welcome, which provided a platform for the F.Es to display their talents in varied fields.

Nirman—an intercollegiate technical event, was carried out successfully with the help and guidance of Mrs.Prachi Gharpure. The techfest comprised of several new innovative events like the Junkyard, TreasureHunt, where each and every skill of the student was tested.

The next event on our agenda was the TechnoBreak 2001.This intra collegiate cultural event, held on 27th and 28th October saw a fierce competition among all classes. Despite being a weekend, the response was phenomenal. There were more than 40 events including sports like T.T, Chess, Box-Cricket, ThrowBall, and FootBall. Finally B.E Computers emerged as the winners. This was their second year of being at the summit.

This intra collegiate festival was a dress rehearsal for SPACE , to be held in a few days after the odd semester exams. Because of major paucity of time the event was held prior to the first Gymkhana meeting. It would have been impossible to conduct this event prior to the budget meet without the co-operation of our Principal, Vice Principal, Prof. R.M. Joshi, and Prof. A.N. Bambole.

And then after the odd semester exams, with just 29 days left for SPACE, its work shifted into top gear.



In spite of many hindrances, we as a team , under the able guidance of Prof. R.M. Joshi and Prof.A.N.Bambole, learnt the most important things in life i.e. Finance Management, Time Management, and Human Resource Management; and kicked off with a bang on 14th February.

The theme this year was 'The War Of Ages', which depicted the changes in life styles, which man underwent through ages. Around 49 colleges from Mumbai and Pune participated and fought for the trophy of Best Guest College during those three days. There were around 51 events running into 7 categories with famous personalities like Suresh Nair, Sajid Khan, and AnnuKapoor..judging them.

For the first time there was a D.J.Nite in the quadrangle with India's best D.J'S— Sunil & RyanBeck ,playing their best numbers. We also succeeded in maintaining the standards set up by previous year's batch by having one of our pronite on the Bhavan's ground. Sivamani, NiladriKumar and LouisBanks performed JugalBandi of Indian Classical and Western Jazz music. The proceeds of the show will be donated to AWWA— Army Wives Welfare Association.

Finally, the SPACE Grand Finale on 16th was the Visual Impact, carrying maximum weightage of points. It had 19 teams competing from Mumbai and Pune.

Credit for the success of the event goes to all committee members and their committees of —

Sponsorships , Publicity , Interactive , Administration , STF , Judges Coordinators ,Volunteer Management , Security , Refreshments , Technical Team , and various Event Coordinators along with their CECs for their sincerity , dedication , and proficiency in their departments.

The 39th Annual Day was celebrated on 18th February. This year, we had Mr.A.K.Sonawne, General Manager of ONGC , gracing the occasion as the chief guest.Mrs.Sonawne conducted the prize distribution ceremony which was followed by Zapata orchestra performing some of the best numbers from the music industry. Credit goes to the Heads of Refreshments , L.Rs , and the SEs who handled the event excellently under the guidance of Mrs. Madhavi Gokhale and Dr.M.M.Kulkarni.

The other significant cultural events were the Rose Day, and Marathi Sahityakala Mandal's Bhavaspandhan.

Irrespective of many hindrances faced by the SEs who formed the Rose Day Committee, they depicted great sense of unity , patience and courage which are the most important assets of every successful Committee.

Bhavaspandan was conducted on 21st March with the help of Prof.Pendse. Traditional Day was merged with it , to encourage the students to depict their regionalism and their native dressing styles.

Among the seminars conducted this year, some of the significant ones were those on 'Studies Abroad' by KIC , 'Experiences Of Studying Abroad' by Ajay Chipalkatti—an ex SPCite of 2001batch, 'Art Of Living' by ISKCON, and Mock CAT test by Career Launcher.

The various sports activities were being carried out round the calendar.

Also, the CEA organized their technical festival Nirmiti at the National level on 6th and 7th April. Credit for its success goes to the CEA-GS Nirmal Somani and his team.

Finally the activities of the year concluded with B.E Farewell party held on 2nd May.

As I reach the conclusion of the report, the acknowledgements are in order.

First of all, I thank our Principal Dr.R.S.Mate, and Vice Principal Dr.S.Y.Mhaiskar for supporting all our student activities. I would also like to thank Prof.R.M.Joshi –the Vice President of the Gymkhana Committee without whose help nothing would have materialized. I am also grateful to Prof.A.N.Bambole for his help and guidance during our preparation for various activities. I am grateful to all exofficios for their cooperation during various events. I also express my gratitude towards all teaching and non-teaching staff members for their guidance, help, and cooperation for carrying out all the events successfully.

Among my colleagues, I thank Gaurav—C.S, Sushant—Chairman, Premal—Chancellor, Harshivl—HOA, and Vijay—HOF, who helped me in taking all important decisions and carrying them out successfully. I also thank my committee for their cooperation, and support. Thanks are also due to my seniors who guided me and helped me throughout my tenure. Special thanks to Arunprasad for efficient maintenance of accounts.Finally I conclude with a special mention pf thanks to my council members, fellow students and each & every SPCite for their contribution , help and cooperation in carrying out the events successfully and making this year a memorable one for me.

– Pawan Kumar (T.E. Mech.)

Cultural Secretary's Report

My tenure as the Cultural Secretary has been a memorable and rewarding one. The year 2001-2002 has been witness to events being held at a lightning pace.

The first event that took place under my belt was Technobreak. The intra collegiate festival was held on the 27th and 28th of October, within a fortnight of the council being formed. The event was marked by new events like *who dun it and brand equity* quiz which were hits.

Following Technobreak was the much awaited SPACE 2002. Fighting all odds, and against everyone's expectations, we managed to stage the MEGA event in a record time of 30 days. SPACE was host to 48 events and many other special attractions. The participation was also remarkable with 43 colleges participating including the one team, Ness Wadia, which arrived all the way from Pune for the event.

We had introduced the DJ nite, as a new special event. And it was a hit with around a thousand two hundred student turning out. The DJ, Sunil, was also accompanied by DJ Ryanbeck, who has national level contests under his belt. In addition there was also a tinge of glamour when renowned artists of ZEE Network took to the stage.

The following night only got bigger; we had three virtuosos Louis Banks, Neeladri Kumar and Sivamani take to the stage and mesmerize the crowd to their jazz music. The turn out for the event was a whopping 4300. This year too the pro night was associated with a cause that was to donate the proceeds of the night to AWWA, which stands for Army Wives Welfare Relief Fund.

The following night was the dance competition and the prize distribution ceremony, which saw NM College walk away with the laurels.

The College Annual Day was held on the 18th of February. The evening was graced by Head of ONGC Mr. Sonawane. A prize distribution was held for all the outstanding students. It was followed by an entertainment program by Zapata Orchestra.

Marathi Sahityakala Mandal celebrated Bhavspandan 2002. The event was held on the 22nd of March. It had introduced a rangoli contest and also a crossword contest. The event was a sheer treat for the audience. Thanks to Prof. Pendse and members of the mandal who organized such a fine event.

Still to follow in this list were the customary BE Farewell, the Freshies Welcome and Nirmaan.

Throughout this tenure I have received tremendous support from all my fellow T.E.s. Their help and advice has been a tremendous boost to all the programs held so far. I am very thankful to all of them for making this year a memorable one. I would also like to thank the S.E.s for being innovative and enthusiastic to help us stage events. Your work has done wonders to our events. And then, the overwhelming enthusiasm

on behalf of the F.E.s not just helped us but also propelled us forward to gain new heights.

Importantly, I would like to thank our Principal, Dr.R.S.Mate for conducting this year's gymkhana activities so successfully. I would also like to thank Vice- Principal Dr.S.Y. Mhaiskar, who has helped us out in many little ways. I would like to thank Prof. R.M.Joshi for all his foresight and guidance that he bestowed upon us while working and for helping us through the tough times. I would especially like to thank Prof.A.N.Bambole, who helped us in every possible way. His help and enthusiasm has been a boon to us. I would also like to thank Prof. Rathod, Prof. Bukhtar for their timely help and support to us. I would also like to thank Madhavi Madam and Solanki Madam for helping us out through the trying times. I am thankful to Nandkumar sir for helping out the technical team which has been a great asset. I am also thankful to Venkatesh sir for his help with all the electrical equipment in the college. I would also like to thank Jagtap sir and Hemant sir who have always helped us in ever possible way and providing us with as many facilities as possible. I would also like to thank the office workers, non teaching staff members and security for helping us in every minute of crisis.

Finally before I end I would like to thank my fellow students, council members, core members and every S.P.C.ite for making this year a memorable one for me.

– Gaurav Srivastav (T.E. Civil)

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Sports Secretaries' Report

The initial euphoria of being inducted into the Student's Council for the year 2001-02 was followed by a wave of responsibility complete with its highs and lows. We had very little time in the odd semester to organize the inter class competitions and in the even semester we recovered from an amazing SPACE to bring into execution the various events.

We kicked off with the inter-class Rink Football tournament. The event saw a host of talent coming up with amazingly well-competed games. The organizers did a good job in handling the competition. The four days of excitement finally saw T.E Electrical emerge as the eventual champions scoring a phenomenal number of 11 goals in 3 matches.

Next we moved indoors for some mental exercise. The Chess championship saw the brilliant SPCE minds on a roll. Throughout the 3 days of the competition we learned that *"Moves speak louder than words"*. The event saw Kedar P. of B.E Mech. win in a grueling round robin final.

Next on the agenda was the ever popular Box-Cricket tournament. Played for the first time on the Bhavan's ground, this event attracted a lot of crowd support. It had its moments with a great display of sportsmanship. *"Cricket in any form is the most loved sport in SPCE"*. T.E. Mech. romped home with convincing victories. However the best match was the finals which had its ups and downs to propel the team with the better grit forward.

Moving on to the eves, they had a Throwball tournament. The event was a huge success. The turnout was huge with the players and the onlookers both enjoying the proceedings. B.E. Electronics were crowned the champions winning with panache.

The semester examinations terminated the train of events with the best yet to come. In the new semester everyone was busy working for SPACE. The sportsmen had the determination to represent the college at "AVISHKAAR 2002", the inter college fest organized by G.S. Medical College in January and participate in a number of events. Siddhartha S. of S.E Civil reached the finals of the Badminton tournament to go down in an exciting game. Brilliant individual performances saw us reaching upto the semis in the Carrom and Table Tennis. The icing on the cake was winning the Cricket tournament. The team as true champions overcame all odds, a bad pitch, questionable umpiring and the crowd support to defeat the home team.

Returning back to the campus, the Carrom and Table Tennis events were organized in February. Both the events had the singles and the doubles competition. The new table played host to great matches. The organizers did a good job to wind up the event in 4 days. Never before was so much interest generated in these sports. Whilst these events were going on the college was gearing up for the most awaited, the most speculated about and the most popular event in SPCE.

The beginning of March saw the students practicing for what would be their claim to fame in SPCE. The focus of attention in the college had

shifted to the Bhavan's ground which was to be the venue for the inter class Cricket tournament. Last year's winners and defending champions T.E Electrical were in an upbeat mood. Matches were close, some teams were demolished, some were beaten convincingly and some had to fight off a strong opposition. The determination to succeed was most visible in the eventual winners, T.E Electrical. They won all their matches convincingly and at no stage looked susceptible. The desire, the urge to conquer all made all their victories look easy. The team effort stood out in the end and individual performances culminated into the team being crowned as champions again.

Next was the Volleyball competition, which had risen fast in the popularity charts. In the odd semester only an exhibition match was played which was a huge crowd puller. No one expected the match to be of such a huge stature. The inter class matches initially did not attract much response but as the event progressed into the later stages true enthusiasts turned up in large numbers. We saw B.E Mech. defeat B.E Computers to lift the title for the third time in a row.

The last event for the year in the college was being held for the very first time. The inter faculty Badminton tournament was held at the Andheri Sports Complex. The event was a dream come true as a new sport had left a mark to please SPCE public. The event saw Electronics as the undisputed champions in the men's as well as the ladies' team events. The organizers have to be complimented for wrapping up the entire event in one day.

Enthusia 2002, an inter collegiate festival held by VJTI saw the college teams participating in large numbers. We reached the pre quarters in Carrom (boys) and the quarterfinals in Volleyball, where the match went into a thrilling final set, before we lost to MCC. The girls' Throwball team reached the finals and so did the girls' Carrom team before bowing out of the tournament. The Cricket team participated in the inter engineering tournament organized by RAIT.

The year was a special one for the Chess team as they were positioned #1 in the zone at the university tournament. They stood 4th overall on the standings. The team, Kedar P, Mandar D, Abhishek P, Pritam R, and Rahul P made the college proud. Again for the first time in SPCE history, we had Sushant B participating in the university Diving tournament. The year was also the last one wherein one could watch Kaushik G, Subir P, Chinar A and Karan B play. These Volleyball greats have earned their place in SPCE volleyball history and have taken the game to new heights. Without them, the game, as they say, *will never be the same again.*

And last but not the least we would like to thank our ex-officios Prof. Bukhtar and Prof. Barot for their enormous support and guidance.

Swapnil Hadkar
(T.E Electronics)

Sunil Nayak
(T.E.Electrical)

Ladies' Representatives' Report

It is said that if you enjoy your job, you do not have to work for a single day of your life. This was especially true in our case; our experience throughout the year as the Ladies' Representatives can be summed up in two phrases "we worked hard and played hard".

It was later than usual that the council assumed office and it was already time for the budget. The ladies' budget was almost double that of last year and many new things have been started. The list includes first –aid kits, new curtains and mirror for the LCR and also a new Carrom board.

Technobreak was the first big event of the year. We handled reception and volunteer management. It taught us a couple of things (like competing with Vidyalankar classes for the time of our FE volunteers) and the experience was of great help during SPACE where we had to ensure that everything was perfect. Thanks are due to the volunteer in charges Paritosh, Makrand and Sumit for their co-operation.

Space was a great experience; it tested our managerial and PR skills to the fullest. Both central reception and pronite reception were a success and couldn't have been possible without help from TE s who shared their past experiences with us. We even had some SE s voluntarily doing two three-hour shifts. We want to take this opportunity to thank the entire Reception Team. Also, special thanks to Anshuk who helped us co-ordinate with the Administration Dept.

The security team was truly an enthusiastic one. Sandya, Kaumudi, Elizabeth, Snehal Kale, Ketaki Joshi were always present to help us whenever we were short of people.

The annual day organization also went well thanks to co-operation from Deepti & Amrita. The Logistics Dept. was a great help. Special thanks to Mrs.Prachi Gharpure who came to our rescue at just the right time.

As a part of the sport activities, inter-class chess, carrom and table tennis were organized and the response was encouraging. A new throw ball and carrom were bought. Inter-faculty throw ball also got a good response and we expect the same for box-cricket.

Inter-faculty girls' badminton and telematches for girls were introduced this year. The response for badminton was so good that I'm sure it will be continued hereafter. With teachers also willing to participate in the telematches, it promises to be an exciting experience.

For the first time in SPCE, winners of all ladies' sports events will be awarded individual trophies worth Rs.3500/-. Also, from this year onwards there'll be a rotating trophy for the winners of Throw ball tournament. Thanks are due to Sunil Nayak and Suyog Dhake for helping us organize the sports events.

We would like to take this opportunity to convey our heartfelt thanks to Prof. R.M.Joshi for his whole hearted support; to Mrs.Surekha Arjapure and Ms.Reena Kumbhare , our ex-officios, who gave us a free hand and supported all our decisions; to Mrs.Madhavi Gokhale and Mrs.Shyamlee Solanki for being with us throughout, right from the word go and to Aparnasri Sastry, whose experiences as the LR eased our task.

Ladies' Representatives

Sharvari Nerurkar (TE Comp)
Anuradha Vaidya (SE Mech)

Nirmaan Committee Report

Since its inception 3 years ago, none of our committee members had witnessed NIRMAAN and we had an idea that the road ahead was not going to be a cakewalk by any means. But with the support and guidance of our seniors the framework for NIRMAAN 2001 was chalked out. The Work for our very own indigenous Technical Festival jumpstarted and from a stage of discussion and planning we suddenly found ourselves in action. We distributed our responsibilities effectively and each one of us had our task cut out. As scheduled NIRMAAN was held on 6th October 2001, the inauguration done by our Principal Dr.R.S.Mate. The fest saw a fierce competition among the 24 classes with T.E (Comps) and S.E (I.T) emerging as the joint winners. Each of the coordinators took painstaking efforts to make the festival a grand success and made sure that the Year started off with a punch which was to be followed by various other activities. Murtaza & Chandan ensured that Tech G.D's and Debates, Tech'em out ran smoothly. A seminar was delivered by Mr.Gaurav Mehra (M.D) ,Saba Software Ltd. on "e-learning and its aspects " which was solely possible due to the efforts of Pradip.We also had Fun Games which were taken care by Krishna Mohan and Pradip to keep the junta busy and have a blast in between the brain storming tech events .For the first time we had an event on the lines of the famous show "Junkyard Wars" which was met with an overwhelming response and was the best event of NIRMAAN .The event saw all the ideas come into practice and we had working models of many conceptions . The credit for this goes to Yogesh, Ameya and Krishna Mohan. Also, Events like Treasure Hunt saw the wild side of all the techies .Hats Off to Kaushik and Amitkumar who pulled off Maths and Logic Quiz and Tech Quiz without a glitch. It would not have been possible to handle such an event without solid Administration of Abhijit and a million thanks to Paritosh who handled the volunteers diligently. Jayesh managed logistics brilliantly and made sure that all event requirements were met with in time. Nirav & Nayan took utmost care that Debugging and Programming were crowd pullers. We also had Technical Paper Presentation Competition for each of the six faculties, to which the response of the T.E's and B.E's was just amazing. And last but not the least special thanks to Krishna Mohan for efficiently exercising his duties as a treasurer. A special thanks to Prof. Prachi Gharpure for her unstinting support and guidance. Thanks to our colleagues who were always were there for inspiration, to the S.E's who organized events wit fully and also to F.E's who showed brilliant enthusiasm in volunteering. The stage is all set for our juniors to carry on this journey and make NIRMAAN a grand Technical Festival.

NIRMAAN COMMITTEE

Desire

'Desire is the motive force behind all human endeavor and human creations.'

— Albert Einstein

Desire- The feeling that accompanies an unsatisfied state- an inclination to want things. The starting point of all achievement is desire. Weak desires bring weak results, just as a small amount of fire makes a small amount of heat. Desire is transformed into drive when a dream creates a passion for action. The more passionate your desire is, the more quickly the thing you want will spring up in your life. And the intensity of desire determines the speed of success. In desire, even speed is delay!!!

'There is one quality which one must possess to win, and that is definiteness of purpose, the knowledge of what one wants, and a burning desire to possess it.'

— Napoleon Hill

When you want a thing deeply, earnestly and intensely, this feeling of desire reinforces your will and arouses in you the determination to work for the desired object. When you have a distinct purpose in view, your work becomes of absorbing interest. You bend your best powers to it; you give it concentrated attention; you think of little else than the realization of this purpose; your will is stimulated into unusual activity, and as a consequence you do your work with an increasing sense of power.

The inherent aim of this section has been to serve as a medium of expression for desires of SPCEites and we, the editors, have accomplished it by successfully making this most popular section of DISHA with panache. Initially after a slack of articles, there was a sudden inundation and we had to devise a strategy to tag the articles to be included in this section of the magazine from the plethora we received.

We were overwhelmed by the response we got from our fellow colleagues. It has always b a misapprehension (rather erroneous belief) that engineers cannot do well in literary wo But then, when we took up the daunting task of editing, looking at the oeuvre of our ingeni colleagues, we had a tricky job with concealed difficulty to segregate and pickup articles our magazine. That's when we realized how difficult it is to be an 'editor'. As for th whose articles couldn't make it to the magazine, 'Don't give it up..... as all fails wh faith fails.'

Be it satirical 'Just like that' or side-splitter like 'Communication Kills' or "The Program' the soulful poem on "The quake' – the feelings, the emotions and the aspirations all find place in the magazine. One thing which we always had in mind was to strike the rig balance of humor, information, philosophy and musings. And we have done ample justice the creative endowment of articulateness and eloquence thriving amidst us.

We are thankful to all those who made DISHA happen. We shall cherish these memories fo the rest of our lives and hope that you will also enjoy it reading as much as we did making i

As for those who intend to desire:-

*There is no such thing as can't, only won't. If you're qualified, all it takes is a burning desire to accomplish, to make a change. Go forward, go backward. Whatever it takes! But you can't blame other people or society in general. It all comes from your mind. When we do the impossible we realize we are special people.... **Special Populace Called Engineer (S.P.C.E.).***

He begins to die who quits desires.
We trifle when we assign limits to our desires, since nature hath set none.

Manik Patil
T.E. (I.T.)

Chiradeep Chhaya
T.E.(I.T.)

Tapoti Shinde
T.E. (Electronics)

A Letter to Posterity

Mrs. Madhavi Gokhale
Lecturer: Communication Skills

Dear Generation Y:

At the outset, our sincerest apologies for having bequeathed you a world that is as crazy as a car on square wheels - a world where anomalies abound more than the number of students who smoke (overtly or covertly) outside the Munshi Nagar gates.

Let me identify these anomalies for your generation –

1. Political Anomaly

To be a successful politician you must have a criminal record. Being uneducated is another feather in the Gandhi cap

2. Sports and Entertainment Anomaly

Cricket, which is synonymous with stamina, agility and quickness of reflexes, should be sponsored by cigarette barons and film awards by gutkha kings. The connection is simple – more tobacco related deaths, less viewers, more space in the stands. It's an overcrowded world anyway and is getting more congested by the minute.

3. Education Anomaly

Excellent human copiers make excellent students. And if you know the right people who can get the rules changed to accommodate an ever-increasing number of KTs, your future is made. But you also need to undergo a compulsory course in endurance and patience – waiting for results is no mean task.

4. Relationships' Anomaly

The best relationships are founded on hate (or so the soaps say). It is much more interesting than affection, which is going out of fashion anyway. Marriages, like promises, are made to be broken and a divorce paper is a passport to freedom.

5. Culture and religion anomaly

Tearing up Valentine's Day cards is an expression of cultural loyalty but dancing in a drunken state in Lord Ganesha's procession is an integral part of the proceedings. So is killing tiny baby girls in their mothers' wombs and sacrificing animals and even children in the name of God.

We, on our part, cannot offer you advice – because giving advice is old-fashioned. We can only give you "successful tips" on how not to let these anomalies get to you. Be what you are, enjoy what you do. The only way to tackle the world head on is with a

tight headband of values. Remember – the only way to talk to a child is to listen to it first. The only way to discipline a teenager is to be one yourself. The only way to be a good parent is to forget that you are one, in the first place. And above all, do not forget – there is a basic difference in demolishing a structure and taking a life. The former can be resurrected, the latter cannot.

, Yours regretfully,

Yesterday

From the Editor's desk:

"We will have to repent in this generation not merely for the hateful words and actions of the bad people but for the appalling silence of the good people."

– Martin Luther King Jr.

"What really distinguishes this generation in all countries from earlier generations... is its determination to act, its joy in action, the assurance of being able to change things by one's own efforts."

–Hannah Arendt
(1906-1975; German-born American political philosopher).

"We have unprecedented conditions to deal with and novel adjustments to make — there can be no doubt of that. We also have a great stock of scientific knowledge unknown to our grandfathers with which to operate. So novel are the conditions, so copious the knowledge, that we must undertake the arduous task of reconsidering a great part of the opinions about man and his relations to his fellow men which have been handed down to us by previous generations who lived in far other conditions and possessed far less information about the world and themselves. We have, however, first to create an unprecedented attitude of mind to cope with unprecedented conditions, and to utilize unprecedented knowledge."

Orion

Abhishek Dhok (S.E. Mech)

"Orion hunted by its creator". Adwait couldn't read the newspaper any further because his eyes were full of tears. Tears – for his dearest friend, Dr.Aryan, and also for their creation 'Orion'.

It all started in the summer of 1999. The new millennium, a new threshold was about to be crossed by human beings. Yet scientists were taken up with PIIIs and PIVs. No further development towards the humanization of a machine had taken place. Whatever development there was, it was only in fiction books and sci-fi movies. People were celebrating the first jump of the robot, his limited tasks and other exaggerated things. In such a situation, Adwait, an expert in robotics was trying hard to teach a robot hand to catch a ball properly and throw it back to him. It involved so many calculations about the ball's velocity and its trajectory that the computer would slightly delay in catching the ball each time. All efforts were proving in vain.

Exhausted, Adwait left the room and entered the internet lab. As he was browsing through the Times of India website his eyes stopped at a particular news item. It was about the success of Israeli scientists in making the genes do some calculations. Adwait couldn't understand the whole idea so he called up his oldest and dearest friend, renowned neurologist Dr.Aryan.

Though both of them were of totally different natures, Dr.Aryan and Adwait were close friends. Adwait was interested in technical things. He used to keep all his options open before taking any action. In contrast, Aryan was an impulsive man, highly energetic and a determined personality. Both of them were geniuses in their fields.

"Hello. This is Dr.Aryan"

"Hi Doc. How are you? It's me, Adwait". "Oh, finally you have got some time from your machines and robots to talk to me", said Aryan. "Oh forget it. Listen. Have you read today's Times?" "Why?" "There is some news about genes doing calculations".

"What? Hold on, let me check". Aryan logged on to the Times site. He read the news quickly and picked up the phone. Before he could say anything Adwait said, "Finished reading? Do you remember, I had told you my opinion about the sciences? I strongly believe that we scientists have failed to create relations between out sciences. You doctors think that engineering has nothing to do with biology and we engineers thinks that biology is not our cup of tea. But we never thought that both of them together could form an ultimate combination, did we? We never paid attention to the small things happening around us in nature. How does a muscle exert force? How do birds fly? How can delicate creatures like jellyfish withstand the enormous pressure of water and the ultimate question – how can one and a half kg of flesh do things which are far beyond the scope of today's supercomputer?"

Aryan said, "Now this is something philosophical. What do you want from me?" Adwait spoke, "Your knowledge of biology".

The conference hall at the Taj was packed with reporters, correspondents and other media people, because Dr. Aryan was going to

make an important announcement. He arrived after a short while. His eyes were sparkling with pride and joy. Then came Adwait. Dr. Aryan introduced Adwait to the audience and started his speech.

"Good afternoon to all of you. I am here to declare, what I think, is the most important invention or breakthrough, as one may call it. My friend Adwait and I are going to launch our new venture 'Pioneer Robotronics'. Yes, we have pioneered humanization of robots. We have put together biology and engineering and developed a robot called 'Orion'. We named him so because we think he will help human beings by hunting down all their worries and aim at our brilliant future".

He continued, "He can do anything a man can do. He can sing, he can dance, he can run and of course he can think except...except...ex..."

Suddenly Aryan stood still like a statue repeating the same word with the same facial expressions. The audience was stunned. "What has happened to Aryan?"

And just then, opening a side door another Aryan walked in. He did something to the one standing on the stage and ordered him to sit down. The former Aryan obeyed and the latter Aryan completed the statement, "Except defeating a man in thinking". There was thunderous applause from the audience, which continued for a long time.

When the applause ceased, Adwait took charge and started speaking, "The fellow who spoke before sometime is our robot Orion and the other guy is our very own Dr. Aryan. We deliberately built him to resemble Aryan. Just now you have seen him walk confidently onto the stage and give a speech. He is that fluent only because he is a miraculous combination of biology and engineering".

"He is made up of steel, hydraulic muscles, electronic circuits, sensors but they are all governed by a neuro-computer which was specially developed in Aryan's lab. Today's computers were unable to think faster. So we peeped inside our brain. For three years we have painstakingly studied the functions of our brain and have come to the conclusion that the brain, if specifically developed, can adjust with machines and do anything. So Orion is a machine, as he is powered by a battery in his back and all his body parts are neuro-machines. But he is human, as he can think and has a conscience. Are there any questions? Of course, I know there will be lots of them. So let Orion answer them".

The entire audience was amazed at the logical answers given by Orion. Finally when a question was raised whether he could defeat a man or take some revengeful action, Adwait temporarily switched off Orion and answered, "No, he can never do so. Actually he doesn't have any feeling of anger or jealousy as such fed to him. Even if he tries to attack a man, a bug kept by us will be activated and burn the electronic circuits. He doesn't know that fact. Of course we are sure that he'll never do so but one can't take chances". Suddenly Aryan interrupted, "And just to prove that we can switch him off any time we want and that he is completely under our control, I made this dramatic entry. He can never ever defeat humans".

Days went by after this conference and Adwait and Aryan were working on making commercial and household use of Orion. Orion himself proved useful in this manufacturing. He gave some intelligent and useful suggestions for different models of the android. Orion used to work for hours without getting tired. He was much more efficient than any other man, even his own creator.

And suddenly one fine morning, Dr.Aryan was found dead in his house. There was no evidence of murder or suicide and it was clear later that he died of brain hemorrhage. Adwait couldn't bear the shock. But Orion worked like a friend and helped him a lot to recover.

One night, when Adwait was going to sleep, Orion came there holding some circuit in his hand. Adwait said to him, "Whatever problem you have Orion, I'm not going to solve it now because I am too tired".

Orion replied in a strange voice, "I'm not here with a problem but I am here to solve a problem and that problem is you". Adwait couldn't believe his ears. Astonished, he asked, "What? You'll kill me? But why?"

Orion said, "Do you know how Aryan died? All you fools thought that he died of brain hemorrhage. But do you know the cause of the hemorrhage? Do you remember Adwait, a fortnight before Aryan's death, you were showing him a computer program of a piano. You told him how it works according to the desired frequency".

" Yes I do. But what's the connection?" "Well, there was a warning note with that program. If you run that program in a poultry farm don't keep the frequency at 7Hz. The hens will die immediately as the waves would produce resonance with their brain frequency. But the human brain is much more advanced and complicated, so its resonant frequency varies according to moods like anger, happiness, tension etc.".

Orion continued, "I must thank both of you for creating me. But you never tried to develop me more than a man. I can never forget that I am a machine and my controls are in your hands. One day, a computer expert from Silicon Valley approached me. He assured me that he would provide all the help to develop me. He also gave me permission to produce more efficient androids if I joined him. So I was apparently cheating you when I was helping you to make commercial and household androids. I was, in fact working on myself and my fellow-androids to be more intelligent. You two wouldn't have let me go with that person. So I have to kill both of you in such a manner that it will look like a natural death. And you unknowingly gave me the lethal weapon".

"I made a varying frequency oscillator and experimented it on a guinea pig. On that night Aryan called me and asked me about that expert from Silicon Valley. I don't know how he found out but it was dangerous for me to keep Aryan alive any longer. I returned with the killer device and adjusted it according to his angry mood. Within moments all his brain veins burst internally and he was dead. I think you know enough now. Get ready to die".

Adwait was stunned by this sudden action but recovered quickly and tried to switch off the batteries. But Orion literally threw him away and shouted, "I am not such a fool that I will keep my controls in a mere battery".

Adwait by now was sure that the time had come. Orion was going out of control. Before he could do anything Orion switched on the oscillator and started adjusting its frequency. Adwait's head started aching terribly. But he kept his cool and activated the bug program. Within a moment the output of the electronic circuit caused high current flow through Orion's brain. It destroyed all the neurons and cells and he was brain dead. Nothing but a mere skeleton of metal remained.

Adwait sighed with relief and pain. Relief for the fact that he didn't allow a machine to overcome man and pain at having lost Aryan again.

!!Go For It!!

Amit Jardo
B.E. I.T. 1998 – 20



It's like an odyssey of sorts, culminating into fine memories that we shall cherish all our lives.... innumerable events, innumerable friends and loads and loads of learning and improvement within each one of us ... each one of us who have made it through the undergraduate tunnel of education! ...

I shall write this passage as my perspective of my 1460 days at Sardar Patel College of Engineering ... but I believe it reflects the thoughts of every batch mate of mine! I would consider this temple of education as a very happening arena for all kinds of activity. It shall be unnecessary on my part to delve into the intricacies of every event that took place here. But I would want to take this opportunity to tell "you" – all the first, second and thi year students, how you could make most of this college, and ultimately turn out to be more special, a more learned and a more responsible engineer, when you pass out this institution some day.

A very resourceful person had told me, "Man uses just about 10 percent of his/h capabilities in an entire lifetime, and if you can cultivate yourself to acquire eve another 5%, you shall surely be a winner!" - A very motivating statement that turne my thinking all around. I would want you, as aspiring undergrads to grasp the depth this energy that lies within us - the kind of energy that would take you to the top of th world. Most surprisingly, the 'stimulus' also lies within you.

I do not believe that you have decided to enter an engineering institute with a oath that says 'I vow to be an ordinary person, with modest goals in life' (if you happe to do so, I am sure you are close to attaining spiritual rigidity!). You have a dream to b the very best in whatever task you undertake; you have the feeling of having a leadin edge over every person of your kin (even if it happens to be your very best friend!). The why not strive towards being that 'ideal' person that you always wanted to be? Why no make a complete and sincere effort towards attaining that goal?

In my first year at SPCE, I knew this guy (say Mr. X) who did not realize what lie within him. I knew him as a totally wasted person, who knew nothing but to spen precious time to no constructive activity; a person who did not seem to have a focuse goal in life. He studied standard study material just a few days ahead of exams, enoug to clear him through the academics, and also enough for him to throw all of that stud after the exams were over. He did not think of improving himself in anyways, ver quiet, very non-enterprising. This Mr. X needed a revolution, a 'spike' to get that 'extra energy out of him! He was lucky to realize this aspect (albeit a bit late!).

This is something that Mr. X told me:

"You need to realize that educating yourselves beyond the bounds of academics shall make you a better and powerful human being. You need to break the barrier that encloses you to work in accordance to a fixed curriculum. You need to explore the wide horizon that lies ahead of you. You shall be shocked to find where the world is moving, from the microcosm room that we have formed for ourselves.

SPICE gives you a platform from where we have to launch ourselves. We are fortunate to have a team of capable teachers. What we lack is the endeavor to get the best out of them! (Maybe this aspect is what makes the IITians different from us!?) I know that there are teachers who would appreciate students approaching them for help, but unfortunately nobody does so! It is we, the student fraternity who loses out in the bargain!

SPICE provides an open training ground to every student who chooses to do so; clubbing academics with cultural and sporting activities. It is every student's providence that shall make him/her a better individual. And for that you need to discover your abilities, you need to explore the innate talent that lies inside yourself. It is time for you to chalk out what you intend to do ahead in life, and cultivate a force that shall help you surge ahead.

It has been a long and fruitful experience for me; turning out to be a completely transformed individual; extending a 'thank you' to all fellow students, senior students and teachers who have been instrumental in this change in me!"

This Mr. X is none other than me, and I hope you guys realize what I tried to deliver in that short message of mine.

Success begins with a fellow's will,
It's all in a state of mind,
Life's battles don't always go
To the stronger or faster man;
But sooner or later
The man who wins
IS THE ONE WHO THINKS HE CAN!

Commercialization of Fests....!!!

-Sarang Fegde, FE (Div A).

Of late we do hear about fests ...having huge budgets...and students of OC (Organizing Committee) running pillar-to-post for getting a sponsorship for their own college's most prestigious event "The Annual Festival".

In 1969, a festival called Woodstock happened. A symbol of peace, love and all things hippie! Great music too!

Cut to 1999, and a "30 years after woodstock Woodstock." An over-priced, over-hyped and over-rated piece of cake!

The same analogy holds true for college fests. Look at the spirit in which they were conceived... and the youth marketing extravaganzas they've become.

In 1979 a group of Xavierites instituted Malhar, one of the oldest inter-collegiate fests in Mumbai. This was in those terrible days when there were no music channels, no cola wars, no 6 pocket cargo pants. The way it worked was simple: you spent most of your time organizing a great fest and having a good time. Sponsors chipped in their bit with some cash and mostly prizes. Cheap-prizes! (I know coz I once won a book called 'Heart of Gold' on winning the Quiz for Sophia's- it had no words, only pictures!!!).

Well, along came Dr Manmohan Singh and along with the other unwanted effects of liberalisation came the sell-out of college fests. Suddenly there was a vast array of multinationals willing to fork out huge amounts of money to decorate college walls with their multi-colored banners. Discounting the sums charged for food and other stalls (which itself add up to a sizable amount), the rate for sponsoring Malhar has shot up from a modest Rs 5 lakh in the mid '90s to a whopping Rs 15-20 lakh.

They are willing to burn their pockets to reach out to 40,000 students, as the official Malhar brochure proclaims. Common sense and some basic observation would tell you that such a huge number can never squeeze into St Xavier's. Not over 2 days. Not even over 4 days. It's a big campus by Mumbai standards but certainly not Andheri Sports complex.

Remember, you need a Pass to get into Malhar. So let's work out the mathematics:

Xavierites can enter on their ID card - 3000
They get one pass each for a friend- 3000
OC volunteers get extra passes 1000
60 college contingents (avg size: 50): 3000
Each CL gets 15 passes for spectators: 1000
Grand total: 11,000

Count all the passes for judges, sponsors, press and unaccounted extras and you can stretch the total to 12,000. There is a high overlap in the attendance - the same junta usually attends both days. So the grandest of grand totals of Malhar attendance is nowhere near the 40,000 officially promised.

Almost every college festival indulges in this kind of exaggeration. It's time sponsors wise up and bring this whole festival business down to a realistic level. College managements also have to take responsibility for these over-the-top figures.

This article is not a diatribe against a specific festival. There is much to be learnt from Malhar... Unlike other fests where a dozen people orchestrate the whole show and the rest of the college watches on, most Xavierites feel a real sense of involvement in Malhar. The events start on time, equipment works, standards are high. This expertise is passed down from one OC to another in a most professional manner. There is practically no involvement of the professors.

Contrast this with a college like NM where the organizers of Umang had to face constant interference from the principal; he even embarrassed them in front of participants. Profs were made part of the OC... Imagine how much fun that must've been!

Despite its status as a "Bachcha among fests" (being held for the first time), Umang managed to rope in sponsorship of over Rs 12 lakhs. There were no grand cash prizes or pro-nites where professional artistes had to be paid. Celeb judges come free. 2 years ago when NMites had first conceptualised Umang the entire budget was just Rs 6 lakhs. Including a Jagjit Singh nite (his charges alone were Rs 3 lakh.)

The bottom line is: a regular college fest does not need huge sums of money. Prizes are usually sponsored, nominal cash is given to winners (exception: a fest like Mood Indigo). BITS Pilani and IIT fests are the only one which can justify large expenses since they have at least 4 expensive pro-nites where artistes charge in lakhs and sound has to be of top quality. They also play host to out-station contingents.

For the city-centric fest major expense heads are: Light and Sound system, stage, printing of stationery, T shirts, refreshments for volunteers, maybe a post fest party. Money is also paid to the college for facilities and classrooms used - rent, electricity, fax & phone.

But does all this add up to more than Rs 5-6 lakhs? No way.

Where does the rest of the money go? For the benefit of the college? If yes, great. But why aren't the students made aware of this fact.

Or does it all go into some Black Hole called "Fleece the Sponsors Fund". They won't be any the wiser, will they?

Where do all the prizes go??

Raid the bedroom of any Organising Committee member of any fest and what are you likely to find: Tons and Tons of toothpastes, face gels, T shirts, CDs, cassettes, gift vouchers... In short LOOT.

This is all sponsorship in kind which is given by companies to be handed out as prizes. Only fest after fest after fest mishandles and misappropriates this booty. IIT fests, otherwise well managed, are big offenders on this count. A few random examples.....

☞ Free internet hours were provided by Pacific Internet at Brouhaha '99... too attractive to pass on, hardly any CDs reached winners.

☞ Pepe gave prizes at IIT Kanpur's Antaragni a couple of years ago.:. Hajaar IITians were suddenly spotted in new jeans. Other winners had to settle for T shirts.

☞ Horizon, the RAIT fest - Notorious. Year after year we receive complaints from winners who never end up getting the promised prizes.

However responsible and mature a student may be, greed is part of human nature . It's not about being rich or poor . In the prevailing culture of our country where grabbing what's not yours is pretty legitimate... the logic is, who's gonna miss a few chhota-mota prizes?

50,000 bucks to wear your T shirt...!!!

5 years ago company ABC (name not disclosed) made it's debut with about 300 junta wearing its T-shirts at Malhar. No money changed hands, those who wore the T-shirts exercised their own free will. These human billboards were "hajaar" times effective and a whole new trend was born.

Cut to the 8th of July, 2000. ABC received a fax from the St Xavier's college Asst CL with a proposal: We will wear a T shirt with your logo during Malhar. The cost: is Rs 50,000, "primarily intended to take care of the expenditure involved in training, practice and costumes etc." 50,000??!!!!! Yeah, just 50,000! Because Xavierites in ABC apparel were going to add to the equity of ABC. ABC, being a sensible business firm, declined.

HR college had better luck, with a dotcom company agreeing to sponsor their contingent.. The irony was that junta had to PAY 150 bucks to buy and wear the "official HR T shirt" with the logo of the dotcom emblazoned on the back. Plus the college agreed to provide 5000 names and email ids so they could be registered on the site.

On the 2nd day of Malhar, the HR contingent was spotted with ugly masking tape stuck on their T shirts. A sudden diktat from Malhar banned the wearing of T shirts bearing logos of dotcoms other than their official sponsors.

Who is going to monitor how long a T shirt was worn or whether it was passed on to the driver? Who cares? With official rates of sponsorship sky rocketing smaller companies are desperate enough to go for it.

Cheap? That's right. Such activities definitely cheapen festivals completely! And the whole fragrance of annual festival starts stinking nastily.

Communication Kills

– Pranav Damle (TE Elec.)
– Gaurang Shanbhag (TE Etrx.)

Lately I have been in trouble communicating .Like my intelligent professor goes into fits of rage when I call him a "*wise guy*". And how my Pop feels "*as hot as hell*" in summer and "*as cold as hell*" in winter .That's one *hell* of a doubt I must say.

My airline agent books me on a *Non-stop flight* .Hey man, where do I get down? And how? *Para drop* maybe. Well, that's what the editors may do with this article:-*Para-dropping* i.e. Drop Para at will.

I met on old friend the other day. After waiting for a minute, she said "I really miss not seeing you!" "???So, you think I should leave!!"

Even my boss is psyched. He asked me to *oversee* the plant operation in his absence. So why do I get fired when I *overlook* most of it? I asked him if I could get my job back "*Slim chance*" or how about my paycheck "*Fat chance*" then??

People across the world are *parking in driveways* and *driving around parkways*.

They are *reciting at plays* and *playing at recitals*.

Boxers in the *square boxing rings* are trying to *ring in the blows to get square* with their opponent. WHAAAT!!!

And don't even talk about the gender bias. Women can *man guns* but men cant women them. Kings rule kingdoms but *queens don't rule queendoms*. And why are even the male of the species called *ladybugs*? It's even gotten to the men in uniform. What's with *privates eating in a general mess* and *generals eating in a private mess*....Man what a **mess**!!!

Ever noticed how homework is always done in the schools and *tomboys* are basically girls or even *girls* could be *peeping toms*.

Guys get *hernia* while girls could get *hysteric*!!!

How when the *moon* is *out* it is *visible* but when the *bulb is out* it is *invisible* or that fireflies are *actually beetles* or that *hotdog* isn't really a palatable name for a *meat dish* and *quicksand* is to live upto its name it better move faster.

And somebody please tell me, if *blackberries are black*, what do I make of *gooseberries* or *mulberries*. What about *huckleberries* and *cranberries*?

If writers write and *players play* why don't *fingers fing*? Or *hammers ham*?

At what stage of evolution did our *feet* begin to *smell* and our *nose* begin to *run*.

To sum it up allow me to read these lines immortalized by our most read and favorite poet "**Anonymous**"

"I was really jealous of my house mouse
With his mouse hole full of mice;
So, to my life this hitherto had just one spouse
I added some more spice.
They squabbled like a flock of geese
Stampeded like a herd of meese
With a mouthful of foot, not a penny to boot
I was left with the beet on my feet.
So,I didn't care if it rained or snow,
I gave the boot to them,
You can't be mice with all that spice,
So, now I am bad for good. Amen!"
Well, it can't get verse than that.
When I wind my watch it starts but when I wind this article I shall end it?

The article actually ends when you read the word STOP.

By God !

Bill Clinton, Boris Yeltsin, and Bill Gates were called in by God. God informed them that he was very unhappy about what was going on in this world. Since things were so bad, he told the three that he was destroying the Earth in 3 days.

They were all allowed to return to their homes and businesses, and tell their friends and colleagues what was happening. God did tell them, though, that no matter what they did he was "not" changing his mind.

So, Bill Clinton went in and told his staff, "I have good news and bad news for you. First the good news . . . there "is" a God. The bad news is that he is destroying the Earth in 3 days."

Boris Yeltsin went back and told his staff, "I have bad news and more bad news. The first is . . . there "is" a God. The second is that he is destroying the Earth in 3 days."

Bill Gates went back and told his staff, "I have good news and more good news. First . . . God thinks I am one of the three most important people in the world. Second . . . you don't have to fix the bugs in Windows 98.

Ethics and Excellence

-Sumeet Ladsaongikar (TE Elec.)

The Glory that goes with wealth and beauty is fleeting and fragile;
Virtue is a possession glorious and eternal.
- Sallust

The ancient Greeks had an interesting word- *arête*. Translated into English, it means 'excellence' or it can also mean 'virtue'. Puzzling!! You bet it is. With winning at any endeavor at any costs being considered the mantra for this day and age, the word sounds as ancient and out of the place as the ancient Greeks themselves! Most people think that excellence is one thing and virtue is something altogether different. Excellence, according to popular perception has to do with success, popularity, and superiority whereas virtue is something that is quaint and old-fashioned, something that is best left to sermons alone. This is something that could not be more wrong.

Human excellence is basically the attempt of a person to participate and flourish in any particular endeavor. It is something which every single person strives for, not just for the fame and fortune that follows but more so for the excitement of the effort itself. Ethics and excellence are interrelated because if the effort towards a particular goal involves unfair means, the person in question may enjoy the trappings of success, but he will never enjoy the journey towards his final goal. Success, as the popular cliché goes, is a journey, not a destination.

One may argue, that in a fiercely competitive world, a few rules have to be bent in order to attain certain goals. However, what we need to know is that ethics and excellence are not necessarily at cross-purposes. In the short run, it may seem that those making use of unfair means are winning but in the long run it is the person who sticks to his principles who triumphs. It is for us to determine whether we want to win the battles or win the war. In any case, there is nothing noble in being superior to another man. True nobility arises in being superior to one's own previous self. The reason I say this is because it puts things in perspective as far as ethics are concerned. We need to ask ourselves as to will using unfair means help me or my team be better than our previous efforts? Will the 'success' we attain by using such means make us into better persons?

As for the competitive world, all I can say is that competitiveness is good, but only so far as it brings out the best in you. Excellence is not the willingness to settle for some second-rate consolation prize, but is the ultimate goal in a competitive environment. It's not your adversary losing that is good, but it is you winning due to your own efforts that is. That's why cheating is not only wrong, but is ultimately

self defeating. Cheating on anyone's part only symbolizes a deep misunderstanding of the spirit of competition.

Ethics is something that cannot be discussed without a reference to the more central issue of character. When we talk about a person's character, we refer to his most fundamental characteristics related to moral perceptions, judgments, attitudes and actions. These are outcomes of the environment one grows up in. Good character is the source for ethical perspicacity and sound decision making whereas bad character is the source moral error, trouble and ultimately self-defeating action. Bad character supports shot term gains at all costs. Good character is all for self-discipline, patience and good old hard work. I am convinced that true success, in the long run cannot be achieved without good character as bedrock..

The world before us presents us with a lifetime of opportunities. We will get a number of chances to prove our worth in any endeavor we undertake. While excelling in these will always be our goal, we need to do so without forgetting the ethics that will guide us. For, there are bound to be times when we will have to decide between a short term gain at the cost of ethics or long term gains which may seem arduous and difficult to achieve. At such moments of time we need to remind ourselves that though the short-term gains may seem extremely lucrative, in the long term, it is the nice guys who always finish first.

From the Editor's desk:

"It horrifies me that ethics is only an optional extra at Harvard Business School."

-Sir John Harvey

"One concept corrupts and confuses the others. I am not speaking of the Evil whose limited sphere is ethics; I am speaking of the infinite."

-Jorge Louis Borges
(Argentinean Author)

Conspiracy Theory

Harish Sundaram (T.E. Etrx.)

This article is dedicated to all those people who should have been private detectives, spies or CIA agents but have instead ended up being in the wrong place; like an engineering college. What am I talking about? Theories. Conspiracy Theories!

This must have happened in everyone's life. Someone you know (and it might be more than one person) likes to look at things differently. No problem. But this Mr. James Bond keeps telling you that there is a conspiracy behind almost everything you see. To add to it, he tries every bit to convince you, that what he is saying is the ultimate truth and that only he was able to bring to light. Great! To give an example of what I really mean, take a look at one of the most brilliant explanations of the Mike Denness incident that you could have come across. This was given by a close friend of mine. It goes something like this —

Mr. Jagmohan Dalmiya calls up Mr. Denness and asks him to create a controversy that would end up in a deadlock between the ICC and the BCCI. In return, Mr. Denness would get a million dollars in cash and a fully paid holiday to Barbados. The controversy would give Mr. Dalmiya the opportunity to fight for the nation against the ICC and that would make him a Shaktimaan in the eyes of the Indian people.

Now the point is that Mr. Dalmiya might not be that smart after all! Then what is the point in making up something that is so purely ludicrous. Although it does make a very interesting story to tell others that we too can think like Sherlock Holmes! It just creates more confusion and on hearing such a story, several more pop up. Then we will have our very own version of the British tabloids that don't need an invitation to write something with lots of masala in it. (As far as this controversy goes, the British themselves might have something to write about!)

This doesn't even have to be such a momentous issue to make such a fuss about. It could be something very close to home. Say, for example, why was Harshvardhan Nawathe the only KBC ka Crorepati? Simple, the entire show was rigged and the KBC team had decided not to let anyone else take away the entire prize money! Crap! Also the great thinkers that I am talking about believe that every cricket match or football competition, every Formula One race is fixed and that what we see is actually an extremely well produced spectacle. And what does the future have in store? To give a staggering explanation as to why the milkman was five minutes late today, or why our Maths Professor was changed all of a sudden and then finally, why your very close friend once said, 'It's nothing concerning you'. There is certainly something behind all of it.

Well, I think its time that we start accepting things as they are. Lets not be fools. Every individual has enough reasoning powers to draw certain conclusions, but let's not create doubts in everyone's mind. And if someone does have a Sherlock Holmes complex, then let him start writing novels and let the rest of us enjoy life as it unfolds.

P.S. No one has inspired me or conspired to put this article into Disha 2002.



Role of Modern Media

Harshivl J. Shah (T.E.I.T.)

LONDON, AUGUST,1997.Reporters from a British tabloid, "paparazzi" to be specific, are speeding up, chasing a car carrying two well-known celebrities, in an effort to get a photo of the two. This was the fateful night when the world lost the magnanimous Princess Diana, belonging to the British Royal Family, and Dodi-al-Fayad, son of Harrods's store owner Mohammed-al-Fayad, due to the "professionalism" of the working section we better know as media. Five years down the line, little has changed. The ever-increasing interest in the media about the relationship of Prince Charles and former actress Camilla Parker Bowles is the most glaring evidence. Which brings us to several questions - whether the media deserves the freedom it enjoys currently, whether the media is discharging its duties responsibly enough, whether there are sufficient provisions in the law to take action against them in case they falter? The focus is not only on the extent to which the media interferes in the private lives of celebs, but it's whether the media is influencing our social life in the right way, given the significance of the media's role in today's society. In today's age of 24-hour news channels, the tehelka.coms, disasters like 9/11 and 13/12,communal tensions, live coverage & daily night reviews by experts, the news sites and newspapers, there is no doubt the media is one global force which can actually influence the way people think and act.

Consider the recent communal carnage in Gujarat. In a situation where a state is reeling under communal tension, leading to a widespread, sanguinary mayhem, the media should take extreme care not to give a wrong picture of the proceedings; otherwise the entire nation may burn in communal conflagration. There have been instances during the 1992-93 riots when attempts were made to spread discontent among the masses through wrong reports & inflammatory editorials by several leading dailies. In a situation where the nation's security can be under threat, what with military forces assigned the task of maintaining internal harmony, the media should support the government in its endeavor to restore normalcy, rather than portraying it in poor light and cutting a sorry figure in the eyes of the world.

In the past there have been cases when the media's lack of professionalism has been thoroughly exposed. Worth mentioning is the incident where a particular students union was on a face-blackening spree all around the city, targeting the principals of selected colleges. A leading national daily did its bit by giving the photo of a principal's face being blackened by the students on its front page. This is the most appalling example of how irresponsible the media can be at times. Equally embarrassing was the picture of MTV VJ Cyrus Broacha and his then-fiancée taken shortly before their wedding day, something in 'extremely poor taste'.

Then there are those "patronizing" newspapers, with certain pages reserved for their regular list of celebrities popularly known as the ' page 3 brigade '.All they do is give their loyal readers an insight into the so-called 'glamorous' lives of the glitterati, reminding one of the once famous show 'Lifestyles of the rich and famous'. To give you an idea, the 'Spanish-type villa' of a certain industrialist couple was shown in a newspaper thrice in a week. It was the same daily which 'saluted'

former Miss Universe Sushmita Sen for being a single mother, on Mother's day, which is, you wonder, whether necessary, given that she gets her space 4 times a week regularly.

By the time this goes to print, the verdict might be already out as to whether 'Lagaan' is the first Indian film to win an Oscar. Nevertheless, the hype & hoopla being created over this entire thing is mind-boggling, what with ads on the 'live Oscars' with the 'Lagaan perspective' being televised all over, plus numerous articles on the same. Whether or not Aamir Khan's magnum opus wins the award, the fact remains that our media is adept at raising people's expectations over any big event, be it sports, movies or whatever, and then damning the same people for not having fulfilled everyone's hopes. A case in point is the time before each cricket world cup, where certain players are elevated to a 'Demi-God' status, putting more pressure on them; these players already carrying the hopes and aspirations of millions, who consider this sport to be a religion.

Also regrettable is the extent to which the media interferes with the private lives of the celebrities, given the Diana-Fayad incident and the 'heavy-duty wrestling' which ensued between Salman Khan and the reporters some time ago. The height of the problem can be gauged from the fact that the all-baring Britney Spears had to cancel her date with Prince Charles's elder son mid-air after traveling half-way around the Atlantic, just because the news was leaked to a British newspaper.

While I duly acknowledge that the media has been thoroughly instrumental in the development of the society as a whole, it is being felt that it can be slightly more 'responsible' and 'sensible' in certain important situations, in its endeavor to 'educate the masses'.

So, that's media for you!! Love it or hate, it's there to stay.

From the Editor's desk:

- The futility of everything that comes to us from the media is the inescapable consequence of the absolute inability of that particular stage to remain silent. Music, commercial breaks, news flashes, adverts, news broadcasts, movies, presenters — there is no alternative but to fill the screen; otherwise there would be an irremediable void. That's why the slightest technical hitch, the slightest slip on the part of the presenter becomes so exciting, for it reveals the depth of the emptiness squinting out at us through this little window. ❞

–Jean Baudrillard (French Postmodern Writer).

- Media, the plural of mediocrity. ❞

–Jimmy Breslin (American Actor).

- Media is just a word that has come to mean bad journalism. ❞

–Graham

Friendship

-Kajaldeep Kaur Ghumman (B.E.I.T.)

"Each friend represents a world in us, a world possibly not born until they arrive, and it is only by this meeting that a new world is born."

- Anais Nin

'Friendship' is a simple word. All of us know it, most of us feel it. Right from the time we start school, we start making friends. Some just come and go away, some stay close to us, yet there are some others that stay in our hearts.

I first walked into this college, a nervous, lonely fresher, not knowing what to expect, not knowing whom I would meet. But through these years I've met some truly amazing people, and cultivated some beautiful friendships.

These four years in engineering have not been so easy. There have been trying times, times when you feel that you just can't handle the pressure anymore .As tough as such times might have been, they have brought something so irreplaceable into our lives. They have shown us the essence of friendship. It's so amazing how you make the best friends in the worst times.

Standing by each other in bad times has taught us what it means to "be there" .We've seen each other through the last minute completion of drawing sheets, stood by each other at those dreaded Mech submissions, seen each other through those KTs and a lot more .A few years later these might seem like very trivial problems but they didn't seem so insignificant while they lasted.

You might just land up thinking that the life of an engineering student is a real-drag, but that's not quite how it is. We've had our great times too. There have been those really crazy "engineering PJs", those times of bunking lectures and chilling out in the drawing halls, there have been those long periods of the otherwise boring 'study leave' that have been great because we've endured them together. We've gone crazy trying to teach each other some of those really hard to grasp 'fundas'.

It's been a great experience being a part of the Info Tech class of 2002.We've been a very close-knit class (touch-wood),its been fun doing everything as a class, that's what has made us a class apart. True, we've had our share of differences too, but they only helped to bring us closer. We are now just a few weeks away from the time that we shall all be parting ways.....seeking different goals.....but I'm sure we will always treasure these four beautiful years. Through this little piece that I've written I'd like to wish all of us a life full of success, a life filled with all the courage and all the luck to achieve whatever our heart wants.

Should there be a Common Entrance Test for admission to Engineering courses?

The case for and against

Madhav Nayak (FE Div 'B' Computers)

For all students passing out of junior college with science subjects, in Maharashtra, and harboring ambitions of pursuing professional courses such as engineering, medicine and architecture, the months following the class XII exams are full of tension and activity. Tension because these courses are associated with a lot of competition amongst candidates making luck as important a factor as ability, and activity due to the long drawn out structure of the admission processes.

But where admission to engineering colleges differs fundamentally from admission to courses in medicine and architecture is the criterion for entry, the qualifying examination. While both medical and architecture colleges admit students depending on their rank secured in separately conducted common entrance tests, engineering admissions continue to be granted on the basis of HSC board marks in Physics, Chemistry and Mathematics. The merits and demerits of this system have been under debate and scrutiny for some time now, but the question still persists – do we need a CET for admission to engineering colleges as well?

The answer to this question is complex and there is a need to understand why such a debate has arisen in the first place. The primary reason is that all engineering colleges outside Maharashtra – bar a select few – hold competitive entrance exams and have always done so. So why, some have asked, is Maharashtra different?

For once, selecting students based on the HSC and other board examinations do not necessarily mean settling for an inferior quality of students. Scores of students across the state have come through the Boards into engineering colleges and have gone on to do very well through their eight semesters, passing out as very good engineers. Additionally, if every course requires an entrance test, then what significance do the board exams have? Why have extra exams for an already pressured student community? By a similar logic, soon B.Sc., B.A. and B.Com. courses will have their own entrance exams and the boards will be reduced to an unnecessary formality.

But the case in favor of holding a CET cannot be ignored either. Other engineering colleges around the country conduct competitive entrances because they feel that a test of problem solving and numerical abilities is a superior method of judging

Cricket

Ritesh Venkateshwaran (T.E.Etrx)

Friends,

I am writing on a topic that each one of us empathizes with – Indian cricket.

Cricket is the most pampered sport in India. We patronize the Indian cricket team inspite of its consistent abysmal performances. So let us spare some time to delve into the intricacies of the execrable showing of Indian cricket.

First of all, our cricket board, the BCCI, is packed with businessmen rather than cricketers. To these bureaucrats, cricket is just one of the several means which would lead them to opulence. This is clearly evident from the amount of benefit matches and one-day internationals Indian cricketers play.

No attention is given to improving the standards of domestic cricket in India. A player who tops the Ranji averages rarely makes a mark in the national side. The gap between domestic and international cricket needs to be bridged. This is one of the reasons why Australia consistently produces performers while India gives rise to stars once in a blue moon. It is imperative for every Australian cricketer to participate in their domestic matches. They only play a stipulated number of international matches every year. Result: we see Australia topping the team performances while Indian players top the batting and bowling averages.

The emphasis here is more on the individual than on team performances. Players are selected based on a single performance in a Ranji final or a Board President XI's game against a touring side. This has a maligning influence on the national side. How often do we see our captain boasting about batting averages and not about how many times India has managed to clinch defeat from the hands of victory?

Finally, I come to the pitches in India. Pitches here are bad no doubt, and a lot of thought has been put into improving them. But what is the point in improving the pitches when the attitude, the thinking behind the process itself is haywire.

I think it's about time that Indian cricketers are treated as human beings and taught the basic virtues of sacrifice and team spirit. Or else you would have another SPCEite writing a similar article in DISHA 2010.

And thanks to 123india.com:

- Kapil - Killed Aspiring Pacemen In Land.
- Prasad - Promised Revenge Against Sohail And Delivered

Just Like That!!

– Sagar Naik (T.E.E

Finding the right note to begin on can get as elusive as the search for Osa showed this article to a couple of friends; one of them said this is about some h "Newspaper" stuff. Jesus! I'd started off on a spur as light-hearted as a pretzel. this one chokes you, call it the Bush Syndrome!!

Whatever happened to the dot com (e) dot gone to planet Money; some s mission terminated in a black hole. Talk about flying in the air, airplanes can giv butterflies in the stomach. Like the next time you board a flight you cannot be s you're gonna reach your destination or if a surprise holiday (I dare call it or Kandahar is under wraps. Worse, you could be one a mission CRASH-DASH-COLLA and all can't get as lucky as getting the world 'rise' to their gory end simply 'cos th the WTC 'down'.

The global economy has since seen red in a recession that painted the West slipped out the slips of the pink slips)!!

So quick bucks can get a little difficult. But whenever the recession dies dov one is gonna be on a high. So forget the Bill Gates' formula - here's a better one

1) Float a company
2) Make a peer your legal auditor
3) Bribe the ruling and the opposition parties in advance.
4) Report profits in every quarter. Earn on and on and on.

And when the cats smell the fishy stuff,

5) Shred the documents
6) Shun the testimony

And you'll have done it all! Well, at least Ken Lay could.

Now, if it sounds like "Eeeeenough" of finance & business time fo sporty stuff.

Well, the Indian cricket scenario has gone dismal!! Sez who?? Well, I don't, even if they can't make it to the World Cup they've made it to the Oscars!!

Routine mores can get flashy if you made them so. If you thought those blue your car were passé, try switching to beacon lights in red or blue or yellow. joking' guys! This trend is currently hot in Laloo's land.

Why stop at such trifles? Like the next time you go to Delhi, hire a white am car, pick up a parliamentary pass from the local 'raddiwala', stick it on your wi and lo! Get a 'salaam'ful welcome through the gates of the Parliament. Wha next is strictly for shots (and grenades).



Trespassing of a larger magnitude is even easier. You could just get lost in your backyard and find yourself in a different country altogether (Alice in Wonderland just got stymied!!). Don't grin guys! You would surely realize this if you owned a house on the Indo-Bangla border.

Life rolls on. The budget has been presented with a notorious meticulousness (at what?). Food got expensive with LPG up by 40 bucks and restaurants charging additional sales taxes.

But yes! Foreign liquor got a lot cheaper. So party on!!!

Just Like That...

- Two young men who had just graduated from Harvard were all excited and talking effusively as they got into a taxi in downtown Boston.

  After hearing them for a couple of minutes the cab driver asked, "You men Harvard graduates?"

  "Yes Sir! Class of '94!" they answered proudly.

  The cab driver extended his hand back to shake their hand, saying, "Class of '58."

- "Researchers have discovered that chocolate produces some of the same reactions in the brain as marijuana...The researchers also discovered other similarities between the two, but can't remember what they are." - Matt Lauer on NBC's Today show, August 22

- An old Jewish man reads about Einstein's theory of relativity in the newspaper and asks his scientist grandson to explain it to him.

  "Well, zayda, it's sort of like this. Einstein says that if you're having your teeth drilled without Novocain, a minute seems like an hour. But if you're sitting with a beautiful woman on your lap, an hour seems like a minute."

  The old man considers this profound bit of thinking for a moment and says, "And from this he makes a living?"

‹THE PROGRAM›

Shrijit R Plappally (S.E.I.T.)

Cautiously, reverentially, the Grand Chief-Programmer lifted his little finger off the Left Shift key. The final closing brace was in place. It marked the end of the main( ) function. It was no ordinary main( ). In fact, in this case main( ) was an understatement. The last brace that he had just keyed in marked the culmination of the greatest endeavor ever undertaken by mankind. **The OmniScia project.**

Soon after man had completed his conquest of the Universe, the queer conundrum of having nothing to conquer had stymied his restless nature. Now that there was nothing more to own, he turned towards what was there to know. The most brilliant minds, the most powerful computing devices, were united in an effort to build the OmniScia. Melding all of the knowledge so assiduously gained over billenia, with the fastest hardware, the quest was on to create an exceptional servant. A servant that would think, meditate, experiment, explore and compile knowledge. Something, that would know it all. Something called the OmniScia.

Today was the day. Trillions of lines of painstakingly written code would finally run in unison. No more questions would remain unanswered. Nothing more would be left to know.

A hush descended upon the privileged few who were permitted to witness the epic moment. All that was left to do was to run the mammoth program. That honour was accorded to the President of the Universal Confederacy. The Grand Chief-programmer respectfully pointed out the Ctrl-F9 combination that would run the program. The keys were pressed. The program began to compile. The tension was palpable. No errors, no warnings. OmniScia began to live.

The screen flickered and the prompt appeared, amidst thunderous applause. It read, quite anticlimactically,

"Your Question:"

Glances were exchanges, a mixture of ecstasy and apprehension. Everyone knew what the question was to be. Indeed, one might say that one of the main objectives of the OmniScia project was to answer this question. A question that had tormented man ever since he had learned to think. Fingers twitching, the President typed out the first question.

"Is there a God?"

The Enter key was pressed. The machine was taking its time. Hearts pounded madly. What had happened? Anxiety was writ large on every face. The screen began to flicker again and the answer slowly began to appear.

"Now there is"

The Grand Chief-programmer's jaw fell open as he realized the full meaning of the words. He made a desperate lunge at the Break key.

A bolt of lightening from the sky struck him dead.



The Big Bang

Arjit Bhandari (F.E. Div A)
Inputs from Manik Patil (T.E.I.T.)

Bang! The pistol fires! The race is on! All the runners go racing away into the distance. Some are in front, speeding ahead of the rest. And some are really slow, lagging behind the others.

Astrologers think that the universe began with a big bang, just like the race.

In 1985, a physicist remarked at a scientist's meet: "It is as certain that the universe started with a Big Bang about 15 billion years ago as it is that the Earth goes around the Sun."

It would be jejune to imagine that the Big Bang was like an explosion of some gargantuan firecracker and that, in principle at least, we could have stood to one side and watched! There was no "one side" because the Big Bang represents the beginning of space-time itself. From the point of view of our present universe, there is no position in space to which we can point and say, "The Big Bang happened there." It happened nowhere yet it happened everywhere.

It may seem incredible that we can actually know what happened in such a brief moment so long ago. But, if the inflationary universe theories hold up, events at that time made the kind of universe we have today. We may this be surrounded by evidence of what happened in the very first instant of the big bang.

However, we can conjecture about what went on during succeeding intervals of time:

1) $t=10^{-43}$ s. At this instant, the whole universe is much smaller than a proton; and temperature = 10^{32} K.

2) $t=10^{-34}$s. By this moment, the universe has undergone a tremendous rapid inflation, scaling size by about 10^{30} times. It has become a hot soup of quarks and leptons with a temperature of about 10^{27}K.

3) $t=10^{-4}$s. Quarks can now combine to form protons and neutrons and their antiparticles. The universe has now cooled to such an extent by continued expansion that photons lack the energy needed to break up these new particles.

4) t=1min. The universe has now cooled down to an extent where the colliding protons and neutrons can stick together to form the nuclei of the low-mass elements. There is plenty of radiation present, but light cannot travel far before it interacts with nucleus. The universe is opaque to its own radiation.

5) t=300,000 years. The temperature has fallen to 10^4K and electrons can stic to bare nuclei when they collide, forming atoms. Because light doesn interact appreciably with uncharged particles, the light is now free to trave great distances. Atoms of hydrogen and helium, under the influence o gravity, begin to clump up, starting the formation of galaxies and stars.

In 1992, measurements made at NASA's Cosmic Background Explorer showed us tha the background radiation is, in fact, not perfectly uniform and it shows us the univers when it was only 300,000 years old! This finding was most puzzling because matter i the present universe is not uniformly distributed, but instead is collected in galaxies an super-clusters of galactic clusters.

Buried in the laws of atomic behavior that govern the everyday world, an answe may be hidden. The theory describing these events, if applied to universe, would allo for larger masses to be spontaneously created out of nothingness in the same way. Once this happens, the inflationary universe process can take over and cause a full blown bi bang.

And there's more..!!! All such theories predict that if a big bang can happen once, i can happen many times. There may be many other universes, resulting from many othe big bangs. It is ineffectual to ask where these other universes are. They are completel separate from our universe, our bubble of space-time. If they do exist, they woul probably be in some sort of different dimension we cannot break into. So, how can we ever find out if other universes really exist??? Perhaps we will never know..!!!!

From the Editor's desk:

"Never tell a young person that anything cannot be done. God may have been waiting centuries for someone ignorant enough of the impossible to do that very thing."

–John Andrew Holmes.

"There comes a time when every scientist, even God, has to write off an experiment."

–P.D.James (1920 -; British Mystery Writer).

A Tale of Two Cities

-Yugant Patra (S.E. Comp.)

I start with many apologies to Charles Dickens (may his soul rest in peace), but I have to confess here that as much as I rattled my little, gifted mind, I could find no better title to compare India's greatest urban rivals – Mumbai and Delhi.

Diplomacy is the name of the game that makes both cities equally happy with the typical "Each city has a charm of its own" statement. But let's get the facts straight here; it has to be either Delhi or Mumbai. Being originally a Delhite, the first thing that struck me about Mumbai was its discipline, queues for buses, queues for auto rickshaws, queues for railway tickets, queues for just everything. Two years ago when I landed in Mumbai, intimidated by this bustling new city, I waved my hand in the middle of the road to stop a BEST bus (Delhi style). The look of the driver was enough to signal me that something was terribly wrong. Next time the same feat was repeated and fortunately, the bus stopped not just to take me in but for the deliverance of a Marathi-laced lecture by the conductor explaining Mumbai's routes, scheduled stops and, most importantly, that waving of hands in the middle of the road to stop buses can be regarded as a serious case of insanity in this city.

Here the standard of living is high, no cycle rickshaws for example, whereas in Delhi even horse drawn carts or *tangas* run to this day. But still they have a charm of their own (diplomacy?). Travel through the quaint streets of Chandni Chowk (attention K3G fans!) in a tonga and every teenage boy would turn into a prince Salim and every girl an Anarkali. There is an unwritten rule in Delhi "NO TAXI OR AUTO WILL CHARGE FARE ACCORDING TO THE METER". Transport being a major problem in Delhi, it lags behind Mumbai. And yes, how can I forget the lifeline of Mumbai, the local trains? The art of getting into a train, getting out of it, standing along with hundreds of sweating logs and even sleeping while standing is eligible for a Ph.D. degree. The day I got into a Virar train at a peak hour and safely alighted at Andheri I knew that my conversion into a Mumbaikar was complete.

Next come the policemen. Both cities are high-risk zones – Mumbai for its dons and Delhi for its terrorists. But they are the most common features in both the cities. The same lathis, the same khakhi uniform, the same foul language, the same Mahindra jeeps and the same hafta charging. The *Mumbaiyya Pandu* is a carbon copy of the *Delhi ka policewallah* and they are both last to reach the scene, sometimes never.

If Delhi is the power capital then Mumbai is the business capital. Both have their share of jokers also, Delhi has *netas* and Mumbai has *abhinetas,* who eventually end up as the former or end up campaigning for them (*Amitabhji, Mulayamji ko vote diya jaye?*). Apart from that, Delhi scores a point over Mumbai in matters of cleanliness; it has better roads, more fly-overs and less pollution thanks to CNG. Education too gets a higher priority in Delhi as it has four universities all better managed than

ours. Exams are held on time and, as there are fewer colleges, quality wins over quantity. But there are better job opportunities in Mumbai and even a beggar gets his share of *vada pav*, which is missing in Delhi; where the poor remain poor.

Maybe the odds are against Delhi but there is one thing no one can beat about it – its sense of acceptance. A Bihari in Delhi is a Delhite and not a Bhaiyaa. Mumbai belongs to Maharashtra, but Delhi belongs to India. And as I come to an end I helplessly repeat the statement "Each city has a charm of its own". Diplomacy wins again.

Did you say "computer"?

☞ "A computer lets you make more mistakes faster than any other invention in human history, with the possible exception of handguns and tequila."

- Mitch Radcliff

☞ "The perfect computer has been developed. You just feed in your problems and they never come out again."

-Al Goodman

☞ "Programming today is a race between software engineers striving to build bigger and better idiot-proof programs, and the Universe trying to produce bigger and better idiots. So far, the Universe is winning."

-Rich Cook

☞ *Tech Support*: "Which drive is your CD ROM?"

Customer: "The top one."

☞ "My brother has a 486 with a Pentium chip in it."

Glance

- Mallika Kamat (S.E.Etrx.)

Brown love does not exist
Misty eyes do no credit
Silent gestures do not mark your presence
Can't ordinary flowers have nice fragrance?

Graceful feet do a beautiful dance
Elegant beauties will set you in a trance
But rough feet can do a great walk
And ordinary looks make intelligent talk
So, what to choose,
The shines of beauty
Or the beauty of shines?

Can't a small flower bear fruit tomorrow?
Or a larger blooming one fade tomorrow?
So, what to choose,
The small aspiring to be great
Or big dwindling to its fate?

I Dreamt of You Last Night

-Mansi Bhatnagar F.E. 'A' (Etrx)

I dreamt of you last night
And I thought of you today,
There's so much you could hear,
Yet there's nothing much to say

I thought of all the good times
That you and me have shared,
I thought of your unconditional love,
And of how much you cared.

The way you looked into my eyes,
The way we talked for hours.
I remembered the way you held my hand;
The way you always sent me flowers.

The way you laughed at my silly jokes,
When we strolled together on the beach,
I remembered that with you around,
Every joy was within my reach.

I remembered the way you said sorry,
After every little fight,
You made me feel so special,
And made my world colourful and bright.

When I was scared, you held me close,
And drove away my fears.
I remembered the way you made me smile,
The way you wiped my tears.

I remembered how special you were to me,
And that's all that ever mattered,
And then I wondered what went wrong,
Why all our dreams were shattered?

So what if it all had to end?
So what if you are miles apart?
So what if you are not around?
You'll always be in my memories, in my heart
I dreamt of you last night,
And I thought of you all day,
And I wished that in some corner
of your heart, I was still there.

The Earthquake

- Apurva Deshpande (F.E.I.T. Div 'A')

The sunrays pierce the clouds,
Yet the darkness still remains,
Darkness in all the homes,
Darkness in all the lanes.

Tears and screams all over,
Dead bodies everywhere,
Agony in every soul,
And grief ruling the air.

Too cruel had been Nature,
Too ruthless had been Fate,
And up there watching this deadly game,
Was the Supreme Lord- THE GREAT!

A woman digs her child's grave,
A man hunts for his beloved,
A child looks for his daddy,
Who under the debris lies dead.

Hungry, thirsty and naked,
In rows the children wait,
For the food which may not reach them,
Until it gets too late,

Is He watching this ruin?
Or fast asleep above?
Oh God, we are your children,
Oh God, please wake up now!!!

That's the Time

-Kunal P. Surati (S.E. Civil)

When everything in life seems so unclear;
When your mind is filled with doubt and fear;
When you moan and cry, but none can hear;
That's the time,
YOU SHOULDN'T GIVE UP DEAR.

When you want to smile, but still you cry;
When the destination seems so very high;
When you curse the god, up in the sky;
Just open your wings and try to fly.

When you try to walk, but still you fall;
When you shout for help, none gets the call;
When your troubles look like a huge wall;
That's the time,
YOU SHOULD STAND UP TALL

When you feel there is no way to go;
When the hands of the clock seem so slow;
When positive thoughts never seem to flow;
That's the time,
YOU SHOULD SHINE AND GLOW.

When you feel your life is coming to an end;
When not a thing you can understand;
When you sit with your head in your hand;
That's the time,
KEEP HOPE MY FRIEND.

When you wish to buy death from a mart;
When all you had, is now falling apart;
That's the time,
JUST MAKE A NEW START.

When all these things happen to you;
When it sounds too crazy to be true;
When you are beaten up black and blue;
Believe in yourself,
YOU'LL MAKE IT THRU.

War

-Ryan Mascarehas (T.E.Etrx.)

Can you hear the scream in every sigh
that I breathe?
Can you see those tears exorcising the
war in my head?
Brace yourself there's a storm in my heart.
I am Armageddon and hell knows I can
play my part.'

A nightmare
Floods the earth's plains;
The wine has over flown,
Crushed from the grapes of wrath.
Spread the seeds of hate,
You get a tree of fire.
Scorching the land as it
Builds your funeral pyre.

Infinity is a small number
For the tears that quench its flame.
Twice cursed this blade,
The evil ones claim to fame.

The reaper's joy reaps the crop
Of wooden boxes in the ground;
From seeds of mine scattered,
The best ones make no sound.

A mercenary is just
A rogue with a gun.
The dreams of one are fulfilled—
His foe's nightmare has begun.
'For my God I slay' says the fanatic.
Innocent blood no religion needs.
What God needs a demon to shame
The very children that His love feeds?

WAR- It has no face.
BLIND RAGE- Cannot see your race.
WAR- A million smiles its slain.
DROWNED- In its rain of pain.

You're Special

-Suketu Shah (T.E.Elec.)

In world you live most of the year
About you, there's a story to hear
Like a hand to a glove
Show you are to love
To learn more just lend me your ear

In ways that are loving and sharing
Yourself you give freely, not sparing
You love in a style

That's warm and worthwhile
Not selfish or narrow, just caring

You're not just like one of the rest
You're certainly one of the best
You're special for reasons
That last through the seasons
With you I am really impressed.

Progress in Building Design

-Deepika Azariah
SE Civil

Building safety doesn't necessarily increase as technology advances.

Case in point:

July 28th 1945: a Mitchell B-25 bomber lost its bearing in the fog and flew into the Empire State Building in New York. The crash caused a fire that damaged the building and took 14 lives.

Sept 11, 2001: two hijacked passenger planes were flown into the World trade Centre, completely destroying the towers and killing thousands. The 1945 crash and the 2001 attack reveal the need for a better understanding of safety issues and high-rise buildings, especially the need to understand the vulnerability of these towering structures.

The questions still haunting us are: Can we build structures that would have endured better than the WTC towers did? Do other high-rise buildings share a simila vulnerability? Are older high-rise buildings less vulnerable to this kind of event?

There are several differences between the 1945 incident and the 2001 attac Among them are a 767-passenger jet versus a B-25 and the different structural system of the two buildings.

The WTC suffered from a progressive collapse that occurred quickly after the plan hit. The speed of the collapse took many by surprise. The particular design of th building may have exacerbated the collapse of the towers. Engineers need to focus developing building-designs that resist this sort of progressive failure. In 1945 enginee designed high-rise buildings using simplified and less accurate manual calculatio With the advent of high-speed computers, these calculations became much mo sophisticated, making the design more precise, thus allowing for a decrease construction costs. As a consequence, some designs today may be less robust than tho of 50 years ago, because the excessive margins of safety are no longer built in. T benefits of building more economically can have unforeseen costs and consequences witnessed by the Sept 11 attack and in the failure of steel connections in 199 Northridge earthquake.

The structural system:

Construction of the towers was completed in the early 1970's. Institute engin and architects described the structure as the largest example up to that time of 'tube within a tube' design. This is characterized by an inner box of steel colu supporting part of the building's weight, with an outer tube of load bea

steel columns joined to the floor braces in a way that stiffens the building against the twisting forces produced by wind. The impact from the hijacked Boeing 767 breached the outer tubes, while temperatures approaching 1100 degree Celsius from the blazing jet fuel rapidly weakened the inner tubes.

Two or three floors eventually collapsed because of the buckling of the steel. The upper portion dropped onto the remaining building and this resulted in failure because of a dynamic application of load that would have been five, six or ten times more than the static load. We do not consider this kind of load in the design and construction of conventional structures. The load got heavier as more stories joined in the mass coming down. It literally hammered itself into the ground.

In one sense the WTC towers, designed by the late Seattle-born architect Yamaski, performed well under the co-ordinated attack. The structure was still good after the planes hit. And therein, say researchers at the institute; underlie a number of serious questions about the adequacy of fire protection and evacuation planning in today's tall buildings. Building cores in the early 1970's required that the twin tower's steel cores, protected by several centimeters of cement-based insulation, last at least an hour under fire conditions before starting to deform. The south tower lasted for about this long, collapsing 62 minutes after the impact, while the north tower stood for an hour and 43 minutes. But this wasn't nearly long enough for the thousands of workers crowded into the emergency stairwells to exit the buildings.

High-rise buildings in different locations carry different risks. Assessing these risks is important so that resources can be allocated appropriately. The potential of a variety of attacks and natural disasters needs to be factored into the cost–benefit equation. The technology is available to build or retrofit buildings to make them safer from attacks but the odds against a jet being flown into a building are very high, so the benefits of constructing a building to withstand that type of threat may be outweighed by economics.

It is difficult for owners and investors to see the advantage of the additional investment. Another factor contributing to the problem is the limited number of engineers who are capable of implementing these designs. Perhaps the single largest factor affecting construction safety is a lack of co-ordination between the agencies involved. A comprehensive and cohesive effort by government agencies is necessary. Engineering techniques available now that can greatly decrease the threat of progressive collapse are not widely known. Many more techniques could become available in a relatively short time if the government made this a priority.

A change in mindset is crucial to minimize the damage due to mishaps globally.

Introduction to Kalman Filtering

By: Vishwanath Ramaswamy, Niranjan Shetty, Saurabh Gupta
(B.E. Elec.)

Originally developed for use in spacecraft navigation, the Kalman filter turns out to be useful for many applications. It is mainly used to estimate system states that can only be observed indirectly or inaccurately by the system itself.

Filtering is desirable in many situations in engineering and embedded systems. For example, radio communication signals are corrupted with noise. A good filtering algorithm can remove the noise from electromagnetic signals while retaining the useful information. Another example is power supply voltages. Uninterruptible power supplies are devices that filter line voltages in order to smooth out undesirable fluctuations that might otherwise shorten the lifespan of electrical devices such as computers and printers.

Linear systems

In order to use a Kalman filter to remove noise from a signal, the process that we are measuring must be able to be described by a linear system. Many physical processes, such as a vehicle driving along a road, a satellite orbiting the earth, a motor shaft driven by winding currents, or a sinusoidal radio-frequency carrier signal, can be approximated as linear systems. A linear system is simply a process that can be described by the following two equations:

State equation:

$$x_{k+1} = Ax_k + Bu_k + w_k$$

Output equation:

$$y_k = Cx_k + z_k$$

In the above equations A, B, and C are matrices; k is the time index; x is called the state of the system; u is a known input to the system; y is the measured output; and w and z are the noise. The variable w is called the process noise, and z is called the measurement noise. Each of these quantities is (in general) vectors and therefore contains more than one element. The vector x contains all of the information about the present state of the system, but we cannot measure x directly. Instead we measure y, which is a function of x that is corrupted by the noise z. We can use y to help us obtain an estimate of x, but we cannot necessarily take the information from y at face value because it is corrupted by noise. The measurement is like a politician. We can use the information that it presents to a certain extent, but we cannot afford to grant it our total trust.

For example, suppose we want to model a vehicle going in a straight line. We can say that the state consists of the vehicle position p and velocity v. The input u is the commanded acceleration and the output y is the measured position. Let's say that we are able to change the acceleration and measure the position



every T seconds. In this case, elementary laws of physics say that the velocity v will be governed by the following equation:

$$v_{k+1} = v_k + Tu_k$$

That is, the velocity one time-step from now (T seconds from now) will be equal to the present velocity plus the commanded acceleration multiplied by T. But the previous equation does not give a precise value for v_{k+1}. Instead, the velocity will be perturbed by noise due to gusts of wind, potholes, and other unfortunate realities. The velocity noise is a random variable that changes with time. So a more realistic equation for v would be:

$$v_{k+1} = v_k + Tu_k + \tilde{v_k}$$

where $\tilde{v_k}$ is the velocity noise. A similar equation can be derived for the position p:

$$p_{k+1} = p_k + Tv_k + \frac{1}{2}T^2 u_k + \tilde{p_k}$$

where $\tilde{p_k}$ is the position noise. Now we can define a state vector x that consists of position and velocity:

$$x_k = \begin{bmatrix} p \\ v \end{bmatrix}_k$$

Finally, knowing that the measured output is equal to the position, we can write our linear system equations as follows:

$$x_{k+1} = \begin{bmatrix} 1 & T \\ 0 & 1 \end{bmatrix} x_k + \begin{bmatrix} T^2/2 \\ T \end{bmatrix} u_k + w_k$$

$$y_k = \begin{bmatrix} 1 & 0 \end{bmatrix} x_k + z_k$$

z_k is the measurement noise due to such things as instrumentation errors. If we want to control the vehicle with some sort of feedback system, we need an accurate estimate of the position p and the velocity v. In other words, we need a way to estimate the state x. This is where the Kalman filter comes in.

The Kalman filter theory and algorithm

Suppose we have a linear system model as described previously. We want to use the available measurements y to estimate the state of the system x. We know how the system behaves according to the state equation, and we have measurements of the position, so how can we determine the best estimate of the state x? We want an estimator that gives an accurate estimate of the true state even though we cannot directly measure it. What criteria should our estimator satisfy? Two obvious requirements come to mind.

First, we want the average value of our state estimate to be equal to the average value of the true state. That is, we don't want our estimate to

be biased one way or another. Mathematically, we would say that the expected value of the estimate should be equal to the expected value of the state.

Second, we want a state estimate that varies from the true state as little as possible. That is, not only do we want the average of the state estimate to be equal to the average of the true state, but we also want an estimator that results in the smallest possible variation of the state estimate. Mathematically, we would say that we want to find the estimator with the smallest possible error variance.

It so happens that the Kalman filter is the estimator that satisfies these two criteria. But the Kalman filter solution does not apply unless we can satisfy certain assumptions about the noise that affects our system. Remember from our system model that w is the process noise and z is the measurement noise. We have to assume that the average value of w is zero and the average value of z is zero. We have to further assume that no correlation exists between w and z. That is, at any time k, w_k and z_k are independent random variables. Then the noise covariance matrices S_w and S_z are defined as:

Process noise covariance

$$S_w = E\left(w_k w_k^T\right)$$

Measurement noise covariance

$$S_z = E\left(z_k z_k^T\right)$$

where w^T and z^T indicate the transpose of the w and z random noise vectors, and E() means the expected value.

Now we are finally in a position to look at the Kalman filter equations. There are many alternative but equivalent ways to express the equations. One of the formulations is given as follows:

$$K_k = AP_k C^T\left(CP_k C^T + S_z\right)^{-1}$$

$$\hat{x}_{k+1} = \left(A\hat{x}_k + Bu_k\right) + K_k\left(y_{k+1} - C\hat{x}_k\right)$$

$$P_{k+1} = AP_k A^T + S_w - AP_k C^T S_z^{-1} CP_k A^T$$

That's the Kalman filter. It consists of three equations, each involving matrix manipulation. In the above equations, a -1 superscript indicates matrix inversion and a T superscript indicates matrix transposition. The K matrix is called the Kalman gain, and the P matrix is called the estimation error covariance.



The state estimate $\hat{x}$ equation is fairly intuitive. The first term used to derive the state estimate at time k + 1 is just A times the state estimate at time k, plus B times the known input at time k. This would be the state estimate if we didn't have a measurement. In other words, the state estimate would propagate in time just like the state vector in the system model. The second term in the equation is called the correction term and it represents the amount by which to correct the propagated state estimate due to our measurement.

Inspection of the K equation shows that if the measurement noise is large, S_z will be large, so K will be small and we won't give much credibility to the measurement y when computing the next . On the other hand, if the measurement noise is small, S_z will be small, so K will be large and we will give a lot of credibility to the measurement when computing the next .

Thus the Kalman filter is a tool that can estimate the variables of a wide range of processes. In mathematical terms we would say that a Kalman filter estimates the states of a linear system. The Kalman filter not only works well in practice, but it is theoretically attractive because it can be shown that of all possible filters, it is the one that minimizes the variance of the estimation error. Kalman filters are often implemented in embedded control systems.

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MWH INDIA PRIVATE LIMITED

133, Udyog Bhavan, Sonawala Road, Goregaon (East), Mumbai-400 063.
Tel.: (91) 22-8717165
Fax: (91) 22-8717133
E Mail : mwhindia@vsnl.com

Star of the Year: C#

Veena Salvi (T.E. Civil)

The Background:

On June 26 '00, Microsoft announced that it had submitted a new language called C# (pronounced 'C Sharp') to the Geneva-based standards committee 'ECMA' (www.ecma.ch/).

C# is intended to be packaged with the next version of Visual Studio (version 7) which will now be called Visual Studio.NET. According to Microsoft, C and VC++ provide the programmer with tremendous amount of fine-grained control and flexibility over their code while sacrificing ease of development. Visual Basic raises productivity and sacrifices flexibility by omitting a mechanism for low-level code control. VB neither inter-operated with pre-existing systems; nor did it always mesh well with current web programming practices.

Visual J++ occupies that middle-ground between Visual C++ and VB, offering both fine-grained control over low-level OS features, programming flexibility and improving productivity multi-fold. It is the BEST environment to program in COM (Microsoft's Component Object Model). The lawsuit with Sun has changed a lot of things. Microsoft seems to be contemplating deprecating Visual J++!

C# from Microsoft may be a replacement for Visual J++ and an attempt to replace the void which will be left by its non-inclusion in VS.NET. According to Microsoft, C# would provide programmers with rapid development, combined with the power to access all the functionality of the underlying platform without sacrificing the power and control that have been the hallmark of C and C++. It will provide an environment that is completely in sync with emerging web standards and one that provides easy integration with existing COM applications. Additionally, it would allow the ability to code at a low level if and when the need arises.

The Reality:

In my opinion, C# will do extremely well within the Windows camp. Microsoft makes excellent tools for developers. C#'s integration with VS.NET is going to be top-notch. However, on other platforms, C# may be just another programming language. While C# is indeed being handed over for standardization, what is being standardized is nothing more than the core programming language. The true meat, the new VS COM libraries, is not described in the C# language specification. The COM library that ships with VS 7.0 is what is going to have all the punch in it. With this library you will be able to kick out killer Windows apps in VC++, C# and VB by using something called the 'Common Language Subset' (CLS) interface. C# is a thin language core that sits somewhere between VC++ and VB. Visual J++ now has the spot but it is safe to assume that it is, in Java terms, is being deprecated.

IPv6 Next Generation Internet Protocol

Manik Patil,TE(IT)
Pratik Shah,TE(IT)
Varun Pitale,TE(IT)

Abstract

The current version of the Internet Protocol (Ipv4) is becoming obsolete because of its limited address space, lack of needed functionality, and inadequate security features. This paper is an overview on IPv6, that will remove these hindrances and enhance the Internet for next generation Internet Applications.

Introduction

The Internet Protocol defines the Internet, and version 6 defines how the Internet will evolve. IPv6 has now been standardized by the IETF, that provides the platform required for the flood of wireless handsets, net appliances, always-on and interactive devices — and for stimulating radically new Internet business propositions. This is achieved with its enormous increases in addresses, its mobile user support and automated management, its mandatory security, and its optional service levels.





Important features of IPv6:

- Expanded Addressing Capabilities (128-bit addresses)
- Header Format Simplification
- Improved Support for Extensions and Options
- Flow Labeling Capability
- Authentication, security and privacy

Addressing

IPv6 addresses are 128-bit identifiers for interfaces and sets of interfaces. There are three types of addresses:

Unicast: An identifier for a single interface. A packet sent to a unicast address is delivered to the interface identified by that address.

Anycast: An identifier for a set of interfaces (typically belonging to different nodes). A packet sent to an anycast address is delivered to one of the interfaces identified by that address (the "nearest" one, according to the routing protocols' measure of distance).

Multicast: An identifier for a set of interfaces (typically belonging to different nodes). A packet sent to a multicast address is delivered to all interfaces identified by that address.

There are no broadcast addresses in IPv6, their function being superseded by multicast addresses.



There are three conventional forms for representing IPv6 addresses as text strings:

1. The preferred form is x:x:x:x:x:x:x:x, where the 'x's are the eight 16-bit hexadecimal values.
   eg: FEDC:0:0:3210:FEDC:BA98:0:3210
   1080:0:0:0:8:800:200C:417A
2. It will be common for addresses to contain long strings of zero bits which may be dropped.
   eg: FEDC:::3210:FEDC:BA98::3210
   1080::::8:800:200C:417A
3. With a mixed environment of IPv4 and IPv6 nodes is x:x:x:x:x:x:d.d.d.d, where the 'x's are the hexadecimal values of the six high-order 16-bit pieces of the address, and the 'd's are the decimal values of the four low-order 8-bit pieces of the address (standard IPv4 representation).
   eg: FEDC:::3210:FEDC:BA98:0.0.50.16
   1080::::8:800:32.13.64.122

IPv6 Header format

IPv6 regularizes and enhances the basic header layout of the IP packet. In IPv6, some of the IPv4 header information was dropped or made optional. The simplified packet structure is expected to offset the bandwidth cost of the longer IPv6 address fields. The 16-byte (128-bit) IPv6 addresses are four times longer than the 4-byte IPv4 addresses, but as a result of the retooling, the total IPv6 header size is only twice as large; many processing aspects are substantially more efficient.

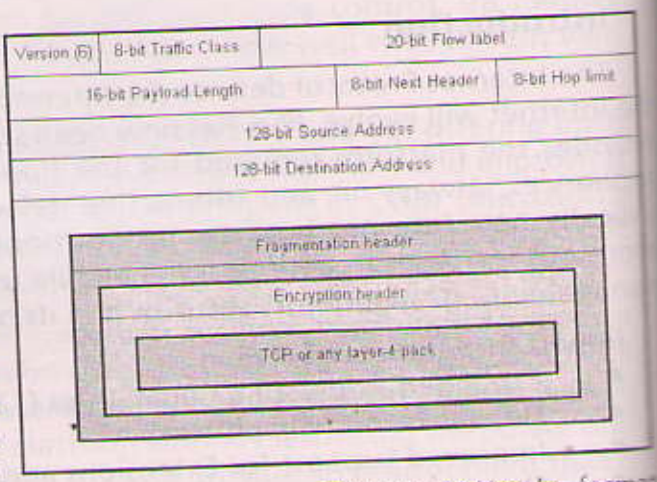


Figure 1: IP Header format

Extension headers

IPv6 encodes IP header options in a way that streamlines the forwarding process. Optional IPv6 header information is conveyed in independent "extension headers" located after the IPv6 header and before the transport-layer header in each packet. Most IPv6 extension headers are not examined or processed by intermediate nodes (in contrast with IPv4). IPv6 header extensions are variable in length and can contain more information than before. Network protocol designers can introduce new header options in a straightforward manner.

Various types of extension headers have been defined:

- Hop-by-Hop options header
- Destination options header-1
- Source Routing header
- Fragmentation header
- Authentication header
- IPv6 Encryption header
- Destination options header-2

Multicasting

Modern internetworks need to transmit streams of video, audio, animated graphics, news, financial, or other timely data to groups of functionally related but dispersed endstations. This is best achieved by network layer multicast. Typically, a server sends out a single stream of multimedia or time-sensitive data to be received by subscribers. A multicast-capable network routes the server's packets to each subscriber in the multicast group using an efficient path (see Figure 2), replicating only as needed. When there are multiple networks containing multicast group members, a packet distribution "tree" is created for the multicast group. Routers use multicast protocols such as DVMRP (Distance Vector Multicast Routing Protocol) and PIM (Protocol Independent Multicast) or MOSPF (Multicast Open Shortest Path First) to dynamically construct the packet distribution tree.

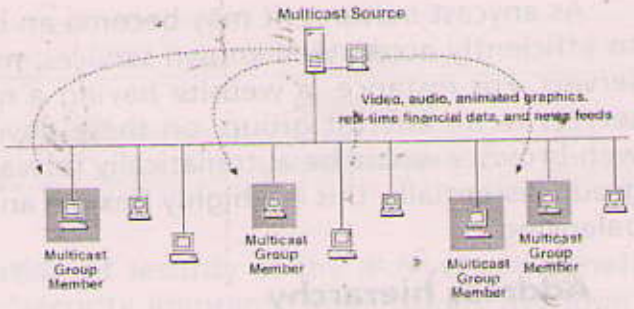


Figure 2: Multicasting

Multicast applications have been developed for IPv4, but IPv6 extends IP multicasting capabilities by defining a much larger multicast address space. All IPv6 hosts and routers are required to support multicast. In fact, IPv6 has no broadcast address as such. The improved scoping offered in IPv6 promises to simplify the use and administration of multicast in many applications.

Anycast

Anycast services are another innovation of the IPv6 specification that is not found in IPv4. Conceptually, anycast is a cross between unicast and multicast: Two or more interfaces on an arbitrary number of nodes are designated as an anycast group. A packet addressed to the group's anycast address is delivered to *only one of* the interfaces in the group, typically the "nearest" interface in the group, according to current routing protocol metrics. This is in contrast with multicast services, which deliver packets to *all* members of the multicast group. Nodes in an anycast group are specially configured to recognize anycast addresses, which are drawn from the unicast address space.

The applications of anycast have not been envisioned fully. For example, an enterprise to use a single anycast address to forward packets to a number of different routers on its ISPs backbone (see Figure 3). If all of a provider's routers have the same anycast address, traffic from the enterprise will have several redundant access points to the Internet. And if one of the backbone routers goes down, the next nearest device automatically will receive the traffic.

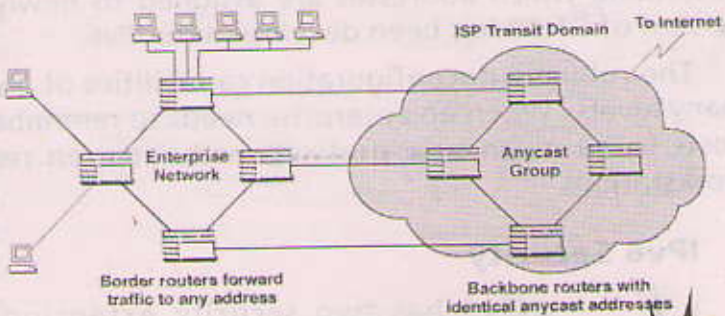


Figure 3: Anycasting

As anycast matures, it may become an important method for allowing endstations to efficiently access well-known services, mirrored databases, Web sites, and message servers. For instance, a website having a number of web servers could assign all the servers to an anycast group. on these devices the same anycast group. Packets from web-browser would be automatically forwarded to the nearest interface in the anycast group. Essentially, this is a highly flexible and cost-effective method of application load balancing.

Address hierarchy

IPv6 provides a scalable address space that can be partitioned into a efficient global routing hierarchy. At

the top of this hierarchy, several international registries assign blocks of addresses to top level aggregators (TLA). TLAs allocate blocks of addresses to Next Level Aggregators (NLA), which represent large providers and global corporate networks. When an NLA is a provider, it further allocates its addresses to its subscribers. Routing is efficient because NLAs that are under the same TLA will have addresses with a common TLA prefix. Subscribers with the same provider have IP addresses with an NLA common prefix.

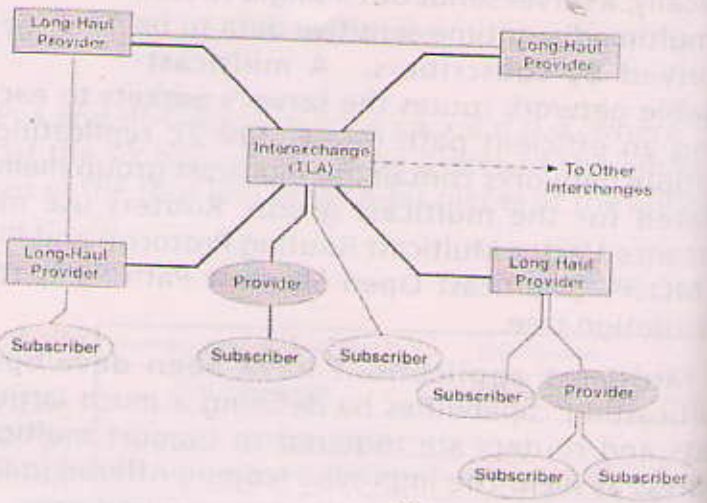


Fig 4: Address Hierarchy

Address autoconfiguration

Each IPv6 node initially creates a local IPv6 address for itself using "stateless" address autoconfiguration, which further makes it possible for nodes to configure their own globally routable addresses in cooperation with a local IPv6 router. Typically, the node combines its 48 or 64 bit MAC (i.e., layer-2) address, assigned by the equipment manufacturer, with a network prefix it learns from a neighboring router.

IPv4 networks often employ the Dynamic Host Configuration Protocol (DHCP) to reduce the effort associated with manually assigning addresses to end nodes. DHCP is termed a "stateful" address configuration tool because it maintains static tables that determine which addresses are assigned to newly connected network nodes. A new version of DHCP has been developed for IPv6.

The robust autoconfiguration capabilities of IPv6 will benefit internetwork users at many levels. When an enterprise needs to renumber, IPv6 autoconfiguration will allow hosts to be given new prefixes, without even requiring manual reconfiguration of workstations.

IPv6 Security

IPv6 has two security extension headers, one that enables the authentication of IP traffic for security purposes, and another that fully or

3	13	32 bits	16 bits	64 bits
001	TLA	NLA	SLA	Interface ID
		Public Topology	Site Topology	Local Interface

Fig 5 IP Adress

partially encrypts IP packets. Implementation of security at the IP level can benefit "security aware" applications, as well as "security ignorant" applications that don't take explicit advantage of security features.

Quality of Service

IPv4 carries a "differentiated services" byte and IPv6 carries an equivalent "traffic class" byte, intended for support of simple differentiated services. Both IPv4 and IPv6 can support the RSVP protocol for more complex quality of service implementations. Additionally, the IPv6 packet format contains a new 20-bit traffic-flow identification field that will be of great value to vendors who implement quality-of-service (QoS) network functions. Such QoS products are still in the planning stage, but IPv6 lays the foundation so that a wide range of QoS functions (including bandwidth reservation and delay bounds) may be made available in a open and interoperable manner. An additional benefit for QoS in IPv6 is that a flow label has been allocated within the IPv6 header that can be used to distinguish traffic flows for optimized routing. Furthermore, the flow label can be used to identify flows even when the payload is encrypted (i.e., the port numbers are hidden).

The IPv6 standard defines a flow as a sequence of packets sent from a particular source to a particular (unicast or multicast) destination for which the source desires special handling by the intervening routers. A flow is uniquely identified by the combination of a source address and a nonzero 20-bit flow label. Thus, all packets that are to be part of the same flow are assigned the same flow label by the source. A flow will be a sequence of packets that are generated from a single application instance at the source and have the same transfer service requirements. a router can decide how to route and process the packet by simply looking up the flow label in a table, without examining the rest of the header.

Business aspects

Given the remarkable growth of the Internet, and business opportunity represented by IPv6 is of major interest to enterprise internetworks, ISPs and the mobile service providers. IPv6 implementations are being developed by Apple, BSDI, Bull, Dassault, Digital, FreeBSD, HP, IBM, Linux, Microsoft, NetBSD, Novell, OpenBSD, Pacific Softworks, Process Software, SCO, Siemens, SGI, Sun and

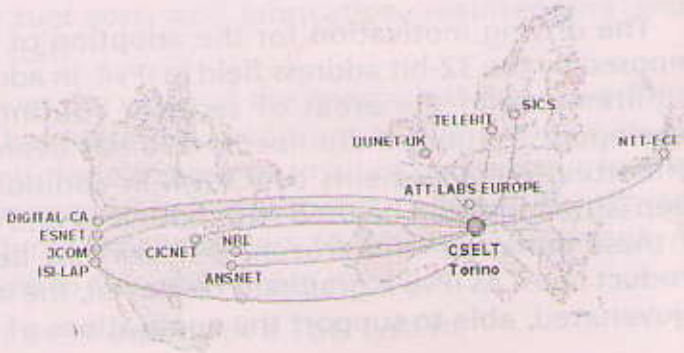


Figure 6: 6Bone network map

WIDE, and router implementations by 3Com, Bay Networks, Cisco Systems, Digital, IBM, Merit (routing protocols), NTHU, Nokia, Sumitomo Electric, and Telebit Communications.

Microsoft Research (MSR) is writing an Internet Protocol Version 6 (IPv6) implementation to further networking research on the Windows NT/2000 platform.

The 6Bone is the IPv6 backbone that was set up to assist in the evolution and deployment of IPv6 in the Internet. The 6Bone started as a concept in 1995 and was made concrete by a formation meeting at the March 1996 IETF meeting in Los Angeles.

Cellular operators who plan to offer 2.5G and 3G networks could deploy IPv6 for mobile communication. Nokia has announced the world's first IPv6-based Mobile Packet Core elements SGSN (Serving GPRS Support Node) and GGSN (Gateway GPRS Support Node).

The transition to IPv6

In the case IPv6 will happen, it is easy to predict a medium-long term coexistence of both IPv6 and IPv4 within the Internet. The transition to a full IPv6 Internet will be a long process. Users who already have enough IPv4 addresses or those using NATs (Network Address Translators) are not expected to deploy IPv6 in the short. On the other hand, new users may think deploying IPv6 now as a future proof opportunity. These users have basically two technical alternatives: they can deploy a dual-stack network or an IPv6-only network (see Fig. 7). Deploying a dual-stack network has the great advantage of allowing easy transition assuring full interoperability with the traditional IPv4 providers to assign unique addresses to each mobile device.

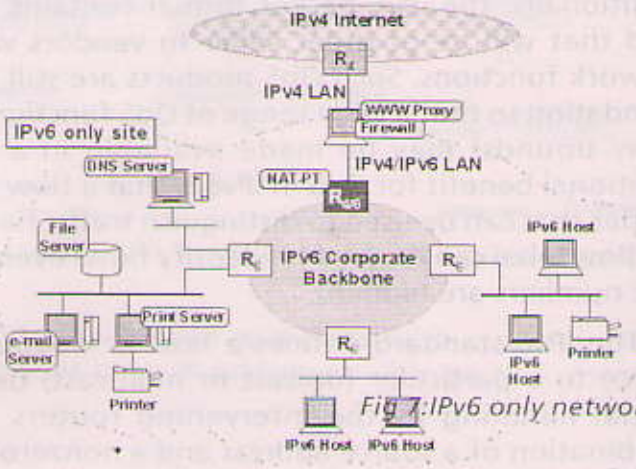


Fig 7: IPv6 only network

Conclusion

The driving motivation for the adoption of a new version of IP was the limitation imposed by the 32-bit address field in IPv4. In addition, IP is a very old protocol, and new requirements in the areas of security, routing flexibility, and traffic support have developed. To meet these needs, IPv6 has been defined, and includes functional and formatting enhancements over IPv4. In addition, a set of security specifications have been issued that can be used with both IPv4 and IPv6. With most of the technical details of these enhancements frozen, vendors may begin to move this capability into their product lines. As IPv6 is gradually deployed, the Internet and corporate networks will be rejuvenated, able to support the applications of the 21st century.

The following are abstracts from separate papers, the first by Harshwardhan Chiplunkar and the second by Sumeet Ladsaongikar and Venkat Sankar. Owing to space constraints, we could not include these very detailed papers.

Study of Losses in Electrical Distribution System

-Harshwardhan Chiplunkar (T.E.Elec.)

Abstract

Retail sale of electrical power involves power delivery in ready-to-use form. This power is delivered to the consumer through a delivery system by a power utility, which comprises of thousands of transmission and distribution lines, substations, transformers and other geographically diversified equipment. All these units work in unison so as to deliver uninterrupted power as required by the consumer.

The primary function of every T&D system is, therefore, to reach out to every single consumer in its service territory. Optimization of resources so as to minimize the cost to the consumer is the main objective of every utility.

A T&D system is economical only for bulk power transfer at Extra High Voltages (EHV > 33kV). The T&D system involves two types of costs: capital costs and operating costs.

- **Capital costs**: This is a one time cost, which includes the installation cost, equipment, etc.
- **Operating costs**: These include fuel costs and lubrication, maintenance and upkeep cost of equipment and salary of staff.

A major part of operating costs involves the value of the energy lost due to various losses. The electrical losses depend on the operating conditions and generally vary as the square of the load current. Although these losses are small in comparison to the actual power being distributed, they do constitute a major cost to the utility. These losses arise due to inbuilt resistance offered by conductors to the flow of current. A proper design of T&D system can be aimed as to reduce these losses.

This study paper has a critical look at these aspects of a T&D system.

A Study of Superconducting Magnetic Energy Storage Systems

-Sumeet Ladsaongikar , Venkat Sankar

Abstract

Matching the demand of electric power with supply as and when required has always been a problem for power system engineers. The Superconducting Magnetic Energy Storage System (SMES) is a system, which could be a solution to problems in diurnal energy storage. The greatest advantage of a SMES is its high conversion efficiency as compared to other methods of energy storage. Another advantage is its low response time and cost scaling with size.. This paper presents main components of an SMES, alternate design strategies covering the Low Temperature Superconducting (LTSC) SMES system, possible applications of High Temperature Superconducting (HTSC) materials to SMES and possible use of SMES in Indian context.

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Glittering performace by the home team at **Visual Impact**



Annu Kapoor and high profile judges at SPACE 2002



Judging by the crowds -
Visual Impact



Humko bhi to lift kara de -
Informals



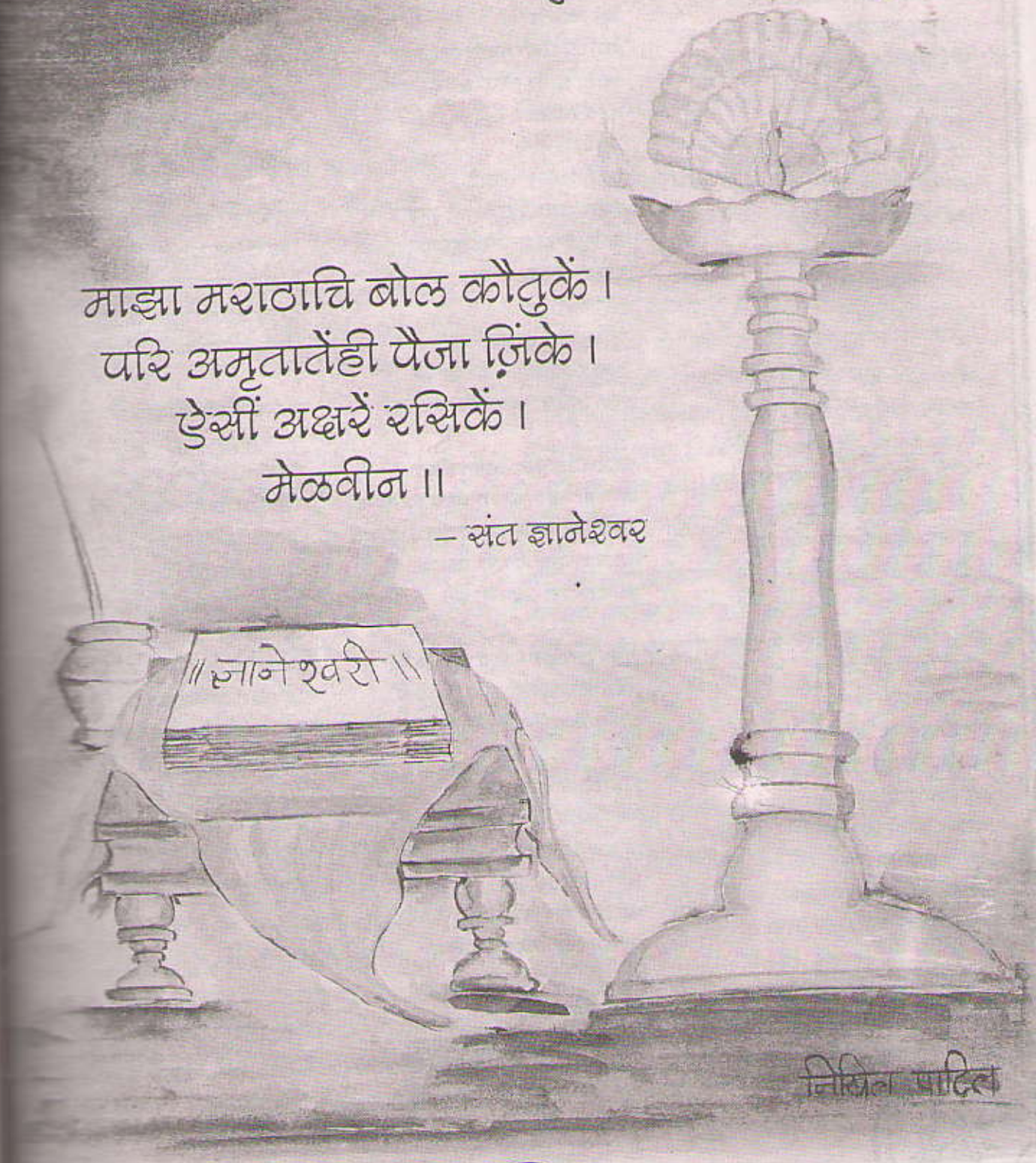
Sairam – Mile sur mera tumhara



Programmed to Excel

ऐसीं अक्षरें

(मराठी विभाग)



अब्राहम लिंकनचे हेडमास्तरांस पत्र

प्रिय गुरूजी,

सगळीच माणसे न्यायप्रिय नसतात
नसतात सगळीच सत्यनिष्ठ
हे शिकेलच माझा मुलगा कधी ना कधी,
मात्र त्याला हेदेखिल शिकवा -
जगात प्रत्येक बदमाषामागिक
असतो एक साधुचरित पुरूषोत्तमही.
स्वार्थी राजकारणी असतात जगात
तसे असतात अवघं आयुष्य
समर्पित करणारे नेतेही.
असतात टपलेले वैरी
तसे जपणारे मित्रही.

मला माहित आहे
सगळ्या गोष्टी झटपट नाही
शिकवता येत...
तरीही जमलं तर त्याच्या मनावर ठसवा,
घाम गाळून कमावलेला एकच रुपाम
आयत्या मिळालेल्या घबाडापेक्षा
मौल्यवान आहे.

हार कशी स्वीकारावी ते त्याला शिकवा
आणि शिकवा विजयाचा
आनंद संयमानं घ्यायला
तुमच्यात शक्ती असली तर
त्याला द्वेष मत्सरापासून
दूर रहायला शिकवा.
शिकवा त्याला आपला हर्ष
संयमानं व्यक्त करायला.
गुंडांना भीत जाऊ नको म्हणावं,
त्यांना नमवणं सर्वांत सोपं असतं

जमेल तेवढं दाखवित चला त्याला
ग्रंथभांडाराचं अद्भुत वैभव,
मात्र त्याबरोबरच,
मिळू दे त्याच्या मनाला निवांतपणा
सृष्टीचं शाश्वत सौंदर्य अनुभवायला,
पाहू दे त्याला

पक्ष्यांची अरमानभरारी...
सोनेरी उन्हात भिरभिरणारे भ्रमर.....
आणि हिरव्यागार डोंगरउतारावर
डुलणारी चिमुकली फुलं

शाळेत त्याला हा धडा मिळू दे -
फसवून मिळवलेल्या यशापेक्षा
सरळ आलेलं अपयश श्रेयस्कर आहे

आपल्या कल्पना, आपले विचार
यांच्यावर दृढ विश्वास ठेवायला हवा त्यानं.
बेहेत्तर आहे सर्वांनी त्याला चूक ठरवलं तरी,
त्याला भल्यांशी भलाईनं वागावं
आणि ढग्यांना अद्दल घडावी.

माझ्या मुलाला हे पटवता आलं तर पहा -
तिकडे सरशी तिकडे धावत सुटण्याच्या
भाऊगर्दीत सामील न होण्याची ताकद
त्यानं कमवायला हवी.
पुढे हेही सांगा त्याला
ऐकावं जनांचं, अगदी सर्वांचं..
पण गाळून घ्यावं ते सत्याच्या चाळणीतून,
आणि फोलपट टाकून
निकं सत्त्व तेवढं स्वीकारावं.
जमलं तर त्याच्या मनावर बिंबवा -
हसत रहावं उरातलं दुःख दाबून.
आणि म्हणावं त्याला,
आसू ढाळायची लाज वाटू देऊ नको.
त्याला शिकवा

तुच्छवाद्यांना तुच्छ मानायला
अन् चाटुगिरीपासून सावध रहायला.
त्याला हे पुरेपूर समजता की
करावी कमाल कमाई त्यानं
ताकद आणि अक्कल विकून...
पण कधीही विक्रय करू नये
हृदयाचा आणि आत्म्याचा

धिक्कार करणाऱ्यांच्या झुंडी आल्या तर
कानाडोळा करायला शिकवा त्याला,
आणि ठसवा त्याच्या मनावर -
जे सत्य आणि न्याय्य वाटते
त्याच्यासाठी पाय रोवून लढत रहा.

त्याला ममतेनं वागवा पण
लाडावून ठेऊ नका.
आगीत तावून सुलाखून निघाल्याशिवाय
लोखंडाचं कणखर पोलाद होत नसतं.
त्याच्या अंगी बाणवा
अधीर व्हायचं धैर्य,
अन् धरला पाहिजे धीर त्यानं
जर मानवायचं असेल शौर्य.
आणखीही एक सांगत रहा त्याला -
आपला दृढ विश्वास पाहिजे आपल्यावर
तरच जडेल उदात्त श्रध्दा मानवजातीवर
माफ करा गुरूजी मी फार बोलतो आहे
खूप काही मागतो आहे...
पण पहा.. जमेल तेवढं अवश्य करावं
माझा मुलगा -
भलताच गोड छोकरा आहे हो तो.

अब्राहम लिंकन

रूपांतर : प्रा. वसंत बापट

संपादकीय

प्रिय विद्यार्थी मित्रहो,

मायबोलीचा ओलावा
नाही कशाला ती सर
अमृताच्या स्पर्शातून
झाली अक्षरे अक्षर

मराठीच्या समृद्ध परंपरेचा वारसा सांगणारी 'ऐसी अक्षरे' आपल्यापुढे साभिमान सादर करीत आहेत.

'ज्ञानेश्वर हे तो ज्ञानाचे ईश्वरे', जगाला साहित्यसोनियांच्या खाणी दाखवल्या ज्ञानेश्वरांनीच! हया खाणीतील रत्न म्हणजे आमच्या विद्यार्थ्यांची 'ऐसी अक्षरे'. अमृततुल्य, दिव्य अशा ज्ञानेश्वरांच्या मराठी भाषेशी नातं सांगण्याचाहा छोटासा प्रयत्न.

आत्मविश्वास दृढ विश्वास पाहिने आपल्यावर
प्रेम करेल उदात्त श्रद्धा मानवजातीवर

ही मानवी मूल्य सांगणाऱ्या अब्राहम लिंकनचं पत्र म्हणजे मराठी विभागाचा मानबिंदू. प्रत्येक विद्यार्थ्याने त्यात नव्हे सामावून घ्यावं इतकं हे पत्र सुंदर तर आहेच पण आपली मतं, तत्त्वं हयांच्यावर श्रद्धा ठेऊन जगात वागावं तसं' कसं वागावं हयाचे संस्कार हे पत्र करतं. ज्ञानेश्वरांची सामर्थ्यशाली मराठी भाषा आणि अब्राहम लिंकनची दृष्टी यांचा दुग्धशर्करा योग म्हणजे 'ऐसी अक्षरे'!

कधीकधी तुम्हाला कधी आठवणींची पिंपळपानं जपून ठेवावीशी सांगतं तर कधी थेट वाघाच्या पिंजऱ्यात नेऊन रोमांचकारक अनुभव देतं. कधी व्यायामशाळेतील फजिती आपल्याला खुदकन हसवते तर कधी अंतिम वर्षाच्या विद्यार्थ्यांच्या निरोपगीतातील हळवेपण आपले डोळे पाणावते. हया अंकात तुमचं आणि आमचं 'सेम' प्रेम तर आहेच परंतु वेळेचं गणित, डॉ घाणेकर, गोध्रा हत्याकांड, कॉलेज, धमाल चारोळ्या असं सर्वस्पर्शी साहित्यही आहेच. शिवाय हास्यचित्रही तुमची छान करमणूक करतील.

अभियांत्रिकी महाविद्यालयात शिकत असूनही विद्यार्थी स्वतःला व्यक्त करण्यासाठी मायबोलीचा आधार घेतात ही निश्चितच अभिमानास्पद गोष्ट आहे. मराठी बोलण्याची लाज वाटणाऱ्या आजच्या जगात सरदार पटेल अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांचे प्रतिभासंपन्न साहित्य "मराठीचा ऱ्हास होतोय" हया तक्रारीला चोख उत्तर आहे.

प्रा. पेंडसे सरांचं प्रोत्साहन, प्रा. जोशी मॅडमचं मार्गदर्शन, संकेत मगरकर, नमिता उपारकर यांचं बहुमोल सहकार्य, योगेश बोरनारकरने काढलेली सूचक हास्यचित्रं, पुनर्लेखनासाठी स्वप्नाली सावंत आणि अवधूत जठार यांनी केलेली मदत, आमची मेहनत आणि तुमची कल्पकता यांचा सुरेख संगम साधून 'ऐसी अक्षरे' मिळविली आहेत. तुम्हाला ती नक्कीच आवडतील.

मराठी विभागाला मिळालेला प्रतिसाद उदंड आणि वाखाणण्याजोगा होता. परंतु 'आम्हालाही पेलेचं आणि पानांचं बंधन आहेच! त्यामुळे ज्यांचं साहित्य छापता आलं नाही त्याबद्दल आम्ही दिलगीर आहोत.

इंटरनेट लॅपटॉपच्या जंजाळात मराठी कधीही लुप्त होणार नाही असा सार्थ विश्वास दिशा सादर करताना वाटतो. म्हणून ज्ञानेश्वरांच्याच शब्दांत म्हणावसं वाटतं

"इयलेसे रोप लाविलेले द्वारी।
तयाचा वेलु गेला गगनावरी॥"

– आपले स्नेहांकित
तन्मयी बेहेरे (तृतीय विद्युत)
मंदार म्हात्रे (तृतीय विद्युतकण)
सिद्धाय साईकर (तृतीय यांत्रिकी)

भावस्पंदन - एक हृद्य अनुभव !

मी एक F.E. चा विद्यार्थी, दुसरी TERM सुरू झाल्यावर आपल्या कॉलेजमध्ये दोन मोठया अभ्यासेतर उपक्रमांची चर्चा सुरू होते. पहिला उपक्रम SPACE स्पेस आंतरमहाविद्यालयीन विद्यार्थ्यात त्याचा नावलौकीक आहे. दुसरा कार्यक्रम असतो - विद्यार्थ्यांच्या पुढाकाराने विद्यार्थी कलावंतांनी,विद्यार्थ्यांसाठी सादर केला जाणारा मराठी कार्यक्रम अर्थात भावस्पंदन ! विद्यार्थी मंडळाचा मराठी साहित्यकला विभाग यांतर्फे भावस्पंदन हा कार्यक्रम साजरा होतो, एवढी पुसट माहिती मला होती. मार्च महिन्याआरंभी राहुल मोरे मला भेटावयास आला ." मी भावस्पंदनचा संयोजक प्रतिनिधी आहे "अशी त्याने ओळख करून दिली व माझ्या वर्गातील कलाकार विद्यार्थ्यांची नावे मी जमा करावी असे म्हणून भावस्पंदनचे माहितीपत्रक मला दिले. त्या पत्रकात मराठी गाणे, गायन, नृत्य, संगितिका, लघुनाट्य (skit) वाद्यवादन अशा अनेक कलागुणांत कौशल्य असलेल्या मुलांनी नावे दयावीत अशी विनंती होती.

भावस्पंदनच्या दोन, तीन, भेट-बैठकांत कलावंत विद्यार्थ्यांची नावनोंदणी पूर्ण झाली. चौथ्या भेटीत बहूतेक कार्यक्रमांची निवड व रंगीत तालीम झाली, आणि लगेच दोनच दिवसांनी म्हणजे २१ मार्च सायंकाळी ४ ते ७ या वेळेत भावस्पंदन साजरा होण्याचे ठरले. संयोजक विद्यार्थ्यांची मेहनत, व मान्यवर शिक्षकांचे सक्रिय सहाय्य हे मला जवळून पहावयास मिळाले.

यावर्षीच्या भावस्पंदन कार्यक्रमाबरोबर, 'ट्रेडीशनल डे ', रांगोळी स्पर्धा, शब्दसंपदा स्पर्धा, यांची रंगतदार जोड होती. २१ मार्चला 'सेमीसर्कल ' रांगोळयांनी मस्त सजले होते. एका वर्गात दुपारी दोन ते तीन या वेळेत 'शब्दसंपदा' स्पर्धेसाठी विद्यार्थ्यांनी गर्दी केली होती. तर समस्त रसिक विद्यार्थी खुल्या प्रेक्षागृहात 'भावस्पंदनची' वाट पहात होते.

प्रा. जोशी सर (जिमखाना प्रमुख), श्री.पेंडसे सर (भावस्पंदनचे प्रमुख संयोजक) व जिमखाना जनरल सेक्रेटरी श्री.पवनकुमार यांनी दिपप्रज्वलन सरस्वती वंदन करून कार्यक्रमास सुरूवात झाली.

'शारदापद वंदी आधी, मग नत मातृभूमीपदी' अशा नियमाने महाराष्ट्र गीत साजरे झाले. राहुल मोरे व सुधांशु घाटोडे यांचे मार्मिक व प्रसन्न सूत्रसंचालन फारच छान होते. गीतगायन, लावणीनृत्य द्वंद्वगीत, प्रहसन असा बहारदार कार्यक्रम रंगत गेला.

नानाविधगीत पुष्पमाला । घातल्या श्रोत्यांच्या गळा ।
तेणे आनंदगंध दरवळला । रसिक जनात ।

मराठी मनाला सुमधुर गीतांची ओढ नेहमीच असते. 'बाई ऽ बाई'ऽ मन मोराचा' , ' चाफा बोलेना ' ,' रेशमाच्या रेघांनी ' अशी भावपूर्ण गाणी सादर झाली. 'तुझी चाल तुरू तुरू ' , ' मनाच्या धुंदीत ' या सारख्या गाण्यांवर ठेका धरून रसिक श्रोते रंगून गेले. ' छबीदार छबी ' व 'रेशमाच्या रेघांनी ' ही लावणीनृत्य दोन्ही कलावंतांनी इतक्या अस्सलपणे सादर केली की माझ्या कॉलेज युवक परिवारात इतके दर्जेदार कलावंत आहेत याबद्दल मला अप्रुप वाटले.

पेंडसे सरांनी लिहिलेले इंजिनिअरिंगच्या विद्यार्थ्यांशी निगडीत विषयांवरचं भारूड-विंचू चावला रसिकांची दाद मिळवून गेलं. 'काव्य -अवकळा ' हे प्रहसन देखील रंगतदार होते. नवकवींच्या सवंग काव्यलेखनावर उपहासपणे बोट ठेवले होते. भावस्पंदन हा कार्यक्रम एकंदर रंगतदार झाला. माननीय प्राचार्य डॉ.माटे व शिक्षकवर्गाने कार्यक्रमास उपस्थित राहून मुलांच्या कलागुणांचे कौतुक केले. या कार्यक्रमाचे प्रमुख संयोजक श्री. पेंडसे सर यांनी आरंभापासून शेवटपर्यंत मुलांना मार्गदर्शन केले त्याबद्दल सर्व मुलांच्या मनात त्यांच्याबद्दल आदर आहे. पुढील वर्षी पेंडसे सर सेवानिवृत्त होणार आहेत असे समजले. त्यांच्या अनुपस्थितीत देखील भावस्पंदन वर्षानुवर्षे साजरे होत राहावे व आमच्यातील कलाकार विद्यार्थ्यांना कलागुण सादर करण्याची संधी मिळो, असे मलाच नव्हे सर्व विद्यार्थ्यांना वाटते.

अवधूत जळ
(प्रथम वर्ष विद्युत)

'भावस्पंदन'

येत्या वर्षी सेवानिवृत्त म्हणून या महाविद्यालयातून मी इतिहास जमा होणार आहे म्हणून 'भावस्पंदनाचा संक्षिप्त इतिहास' तुम्हाला सांगावा असे मला वाटते.

अभियांत्रिकी अभ्यासाच्या ताणतणावात विद्यार्थ्यांची अभ्यासेतर गुणवत्ता दुर्लक्षित राहू नये, क्रीडा, साहित्य कला वगैरे क्षेत्रातील गुणवत्ता जोपसली जावी, म्हणून प्रत्येक ठिकाणी उर्फ विद्यार्थी मंडळाचे अनेक उपक्रम असतात. या महाविद्यालयात मराठी विद्यार्थी बहुसंख्येने आहेत. त्यापैकी अनेकजण विविध कलागुणांनी संपन्न असतात हा दरवर्षीचा अनुभव आहे. त्यामुळे फार पूर्वीपासून विद्यार्थी मंडळाच्या मराठी साहित्यकला विभाग वर्षानुवर्षे साहित्य कलागुणांची अभिव्यक्ति करणाऱ्या कार्यक्रमांचे आयोजन करतो.

माझ्या आठवणीत सुमारे बारा वर्षांपूर्वी मराठी साहित्य मंडळ स्थापून मराठभ सांस्कृतिक साहित्य कला विषयक कार्यक्रम सादर करणे सुरू झाले. मान्यवरांचे कार्यक्रम सादर करणे हे देखील मंडळाच्या कार्यवाहीत असे. साली मराठी साहित्य कला विभागातर्फे (उर्फ म.सा.वि.) भावस्पंदन असे हळूवार नांव निवडून विविध कार्यक्रम सादर करण्याची पध्दत सुरू केली.

प्रसिद्ध कवयित्री श्रीमती शान्ता शेळके यांचे काव्यवाचन, प्रसिद्ध कथाकथनकार लेखक श्री व.पु.काळे व श्री शं.ना. नवरे यांचे कथाकथनाचे कार्यक्रम साजरे झाले. एका वर्षी प्रसिद्ध कणेकर व प्रा. श्री अनंत भावे यांचा क्रिकेट व क्रिकेटसृष्टी याबद्दलचा खमंग, रंगतदार गप्पागोष्टींचा कार्यक्रम झाला होता हे मला स्मरते. एका वर्षी आंतरमहाविद्यालयीन कथाकथन स्पर्धा तर एका वर्षी आमची मुंबई हरित मुंबई ' या पर्यावरण विषयावरील आंतरमहाविद्यालयीन पातळीवर) परिसंवाद व वक्तृत्वस्पर्धा भरवली होती. हस्तकला व फोटो प्रदर्शन, वेशभूषा स्पर्धा, वर्गांतर्गत अंताक्षरी स्पर्धा, शब्दवेधस्पर्धा यांसारखे उत्साही संयोजक विद्यार्थ्यांनी कलागुणांच्या अभिव्यक्तीस वाट मोकळी करून देत वाद्यावादन, मराठी गाणे, नाट्य, नृत्य असा विविधरंगी रंगतदार कार्यक्रम सादर करणे हे पृतिवर्षी या मंडळाचे नियमित कार्य होऊन राहिले. लघुनाटिका सादर करणे हा प्रकार रविकांच्या काळात उतरला. सक्षम विद्यार्थी स्वत:च रंजक विषयावर स्क्रिप्ट लिहीत व सादर करत. शीळगीत (उर्फ Whistle Singing) हा नाविन्यपूर्ण प्रकार हि एक दोन वर्षे सादर झाला.

विद्यार्थ्यांनी पुढाकार घेऊन विद्यार्थी कलावंत विदद्यार्थ्यांनी रविक विद्यार्थ्यांसाठी भावस्पंदन या नावाने दरवर्षी सादर होणारा कार्यक्रम सर्वांच्या आवडीचा व पसंतीचा झाला आहे. वर्षानुवर्षे साजरा व्हावा ही सदिच्छा !

'स्पेस ' हा मेगॅकार्यक्रम साजरा झाल्यावर S.P. चे विद्यार्थी भावस्पंदन कार्यक्रमाची उत्सुकतेने प्रतिक्षा करतात. जागतिक मराठी साहित्य परीषद, मुंबई या संस्थेचे परिपत्रक दरवर्षी महाविद्यालयात येते ते मला मिळते सव्वीस फेब्रुवारी - कवी कुसुमाग्रजांची जन्म तिथी आहे.

या दिवसाचे औचित्य साधून फेब्रुवारी व मार्च महिन्यात महाविद्यालयीन मराठी विद्यार्थ्यांनी मराठी साहित्य कला, संगीत युक्त कार्यक्रम सादर करावे असे त्या पत्रकात आवाहन आहे. भावस्पंदन केव्हा सादर होणार असे जिव्हाळ्याने विचारणाऱ्या विद्यार्थ्यांना मी मदतीस घेतो. विद्यार्थी भावस्पंदनचे आवाहनपत्रक वर्गावर्गात प्रसृत करतात. त्या पत्रकात विविध कला प्रकारांची यादी असून कलाकार विद्यार्थ्यांना नाव नोंदणी करण्याचे आवाहन आहे. वर्गप्रतिनिधीची मदत घेऊन भावस्पंदन निमित्त, भेट-बैठकी होतात. उत्साही विद्यार्थी, संयोजक, स्वयंसेवक, सूत्रसंचालक, अशी विविध कामे वाटून घेतात. कलाकार विद्यार्थ्यांची यादी व त्यांनी सादर करावयाचे कार्यक्रम यांची प्राथमिक नोंद होऊन ' भावस्पंदन'ची तयारी जोरात सुरू होते. कार्यक्रमाची तारीख ठरते. आदल्या दिवशी रंगीत तालीम होते. जाणकार, रसिक , शिक्षक, कलाकार व कलाप्रकाराची अंतिम निवड करण्यास मदत करतात. कार्यक्रमासाठी साऊंड सिस्टीम सह जाणकार वाद्यवृंद व्यावसायिक कलाकारांना मानधन देऊन आमंत्रित केलेले असते. गतवर्षीचा सूत्रसंचालक मंडळाची माहिती सांगतो. जिमखाना प्रमुख, भावस्पंदनचे प्रमुख संयोजक , प्रमुख विद्यार्थी प्रतिनिधी (G.S.) व कलाप्रकार प्रमुख (C.S.) याचे हस्ते भावस्पंदन कार्यक्रमाची सुरूवात होते. साधारणपणे ४ ।। ते ५ वाजता सुरू होऊन सातपर्यंत भावस्पंदन कार्यक्रम रंगतो. कार्यक्रमात फोटोसेशन असते. स्पर्धात्मक कार्यक्रमाचे निर्णय जाहीर होतात. व कार्यक्रम साजरा होतो !

कलाकार विद्यार्थ्यांचे फोटो काचकक्षेत (Show Case) प्रकाशित होतात. मग योग्य दिवस निवडून (कार्यक्रमाचा) एकत्र चहापानासह समारोप साजरा होता. समारोपाचे दिवशी बक्षिसे व प्रशस्तिपत्रके याचे वाटप होते. संयोजक, स्वयंसेवक, सुत्रसंचालक व कलाकार विद्यार्थी यांचे ' संघटन' झालेले असते.

कार्यक्रम यशस्वी करण्यास झटलेल्या सर्वांचे आभार मानून समारोप होतो.

भावस्पंदन कार्यक्रमाचे संयोजन प्रमुख हे पद पूर्व नियोजित नाही. विद्यार्थ्यांना मार्गदर्शन, अपेक्षित मदत करणे, सोयी सुविधा उपलब्ध करून देणे, संयोजक, स्वयंसेवक, कलाकार व अन्य बाबींचे संघटन करण्यास मदत करणे सारांश कार्यक्रमाच्या पूर्वतयारीपासून कार्यक्रम साजरा होऊन समारोपापर्यंत अपेक्षित सर्व संयोजन करणाऱ्या शिक्षकास मिळणारी ' संयोजक प्रमुख' ही उपाधी आहे.

नव्या पिढीतील, नव्या दमाच्या शिक्षकांनी संयोजन प्रमुख हे पद स्विकारल्यास जेबाबदारी बरोबरच कलात्मक कृतिशिलतेता फार मोठा आनंद त्यांना प्राप्त होईल असे मी अनुभवाने सांगू इच्छितो. दोन तीन तास रंगणाऱ्या भावस्पंदन कार्यक्रमाचा आनंद दोन चार आठवडे अनुभवावयाचा असेल तर भावस्पंदनचे ' संयोजन प्रमुख'होऊन पहा...

- प्रा.श्री ल पेंडसे

युवकांनो ।।शुभास्ते संतु पंथान: ।।

मांडीची ऊब, मायेची कूस, रंगीत पाळणा, आंगाई गीत
या साऱ्यांची मूर्त निशाणी 'आई' दारात उभी आहे ।।
आप्तेष्टांचा मायापाश पाऊलवाट आठवीत आहे ।
नव्या युगाची पहाट झाली- पुढचा रस्ता खुणवत आहे
युवकानो, शुभास्ते संतु पंथान: ।।१।।

घराचे आंगण, काठीचा घोडा, वडीलांचा धाक, बहिणीची माया ।
शाळेची घंटा, मित्रांची साथ, चिंचा, कैऱ्या, खाल्लेला मार,
आठवणींच्या पडद्यावरती चित्रमालिका सरकत आहे ।
रम्य बालपण, फलबागेसम, मनांस तुमच्या सुखवीत आहे ।।
युवकानो, शुभास्ते संतु पंथान: ।।२।।

चेंडू येवढी होऊन पृथ्वी, पुस्तकामध्ये लपते आहे ।
दिव्यायेवढा सूर्य होतो, आकाशगंगा हसते आहे ।।
वास्तवाच्या लख्ख प्रकाशात भव्य जग दिसते आहे ।
नव्या जगाची पायाभरणी, तुमच्यापुढे घडते आहे ।।
युवकानो, शुभास्ते संतु पंथान: ।।३।।

भूतकाळास मागे ढकलत वर्तमान दौडत आहे ।
भविष्याचा वेध घेऊन नवा मनु घडतो आहे ।।
अशा मनूचा पाईक होऊन तुला पुढे जायचे आहे ।
' शुभास्ते संतु पंथान:' शुभाशिर्वाद पाठीशी आहे ।।
युवकानो, शुभास्ते संतु पंथान: ।।४।।

- प्राध्यापक श्री. ल. पेंडसे
सिव्हील डिपार्टमेंट

मराठी असे आमुची मायबोली

''माझा मराठाचि बोल कौतुकें ।
परि अमृतातेंही पैंजा जिंके ।''

असं संत ज्ञानेश्वर ज्या मराठीबद्दल लिहून गेले ती मराठी 'नष्ट होण्याच्या मार्गावर आहे' ,'मराठी वाचवा' अशी ओरड सध्या चालू आहे. गतवर्षीच्या मराठी साहित्य संमेलनाध्यक्षा विजया राजाध्यक्ष यांनी तर ''मराठी न बोलणाऱ्या मुलांच्या कानाखाली वाजवा''असा सज्जड दमच दिला होता. परिणामी खरंच, मराठी अगदी नाहीशीच होण्याच्या मार्गावर आहे की काय असेच कुणालाही वाटावे. पण खरंच परिस्थिती इतकी वाईट आहे कां ?

मुळात कुठलीही भाषा ही त्या भाषिक समुहाच्या जीवनशैलीचं अविभाज्य अंग असते. जर जीवनशैली बदलत गेली, तर त्याच्याबरोबरीने भाषेचा विकास-किंवा बदल म्हणू हवं तर-हा होणारच. परंतु भाषेबद्दलची ही ओरड नेहमी तरूणांविरूध्दच असते, याची मला खंत वाटते.

मराठी तरूण आपल्या भाषेबद्दल अगदी उदासीनच आहे हे पूर्णतया खरं नाही. आम्ही मराठी तरूण मराठी पुस्तकं वाचतो, मराठी नाटकं पहातो आणि एकमेकांशी मराठीतच बोलतो. जर तसं नसतं तर मराठी नाटकांना ७५ टक्के उपस्थिती ही तरूणांची दिसली नसती आणि रंगभूमीला संतोष पवार, देवेंद्र पेम, केदार शिंदे यांसारखे तरूण नाटककार मिळाले नसते. ही तरूण मंडळी नवनव्या विषयांवरची नाटकं सादर करतात, मराठी प्रेक्षक - मग तो कुठल्याही माध्यमात शिकलेला का असेना - ती आवर्जून बघतो, पुन्हा पुन्हा बघतो आणि डोक्यावर घेतो. आजही मराठी नाटक बघणं हा एक टिपिकल मराठमोळा सोहळाच असतो. दिनानाथ किंवा शिवाजी मंदिरची नाट्यरसिकांची गर्दी आठवलीत तर तुम्हांलाही ते पटेल !

आता मराठी मालिकांबद्दल बोलू. आज साऱ्या देशभर बोलल्या, वाचल्या आणि लिहिल्या जाणाऱ्या हिंदी भाषेतील मालिका त्याच त्याच सासूसुनांच्या भांडणांत अडकलेल्या असताना, आपल्या चंद्रकांत कुलकर्णी, प्रतिमा कुलकर्णी, गजेंद्र आहिरे आदि मंडळीनी मराठी मालिकांचा दर्जा कुठल्या कुठे नेऊन ठेवला आहे. नुसत्या एकाच रटाळ कथानकाच्या भोवऱ्यात न अडकता, मराठीत उपलब्ध असलेल्या उत्तम साहित्यावरून बनवलेल्या ' श्रावणसरी ', 'पिंपळपान ' यांसारख्या मालिका दूरचित्रवाणीच्या इतिहासात मैलाचा दगड ठराव्यात इतक्या दर्जेदार आहेत. नुपुर, भटकंती, रिमझिम, प्रपंच, थरार, श्रीयुत गंगाधर टिपरे अशा विभिन्न विषयांवरच्या मालिका मराठी प्रेक्षक आवडीने बघतात, त्यांवर चर्चा करतात आणि मतंही मांडतात आणि तरीही म्हणायचं की मराठी नष्ट होत चालली आहे?

मराठी पुस्तकांबद्दल म्हणाल, तर मुलं मराठी वाचत नाहीत असा एक सोयिस्कर समज आहे. पण आजच्या घडीला आचार्य अत्रे, पुलं, शन्ना, वपु, कुसुमाग्रज ही नावं माहित नसलेली मराठी घरं विरळाच. म्हणूनच तर शहरांतून चाळ संस्कृती नष्ट होत असतानाही ' बटाट्याची चाळ' मात्र गेली पंचेचाळीस वर्षं रसिकांच्या मनात भक्कमपणे उभी आहे . १९८१ साली पहिल्यांदा प्रसिध्द झालेलं वीणा गवाणकरांचं ' एक होता कार्व्हर'२००२ साली अठराव्या आवृत्तीत निघतं आहे. आजही पानिपत, मृत्यूंजय, माझी जन्मठेप, स्वामी ही

पुस्तक महाकाव्यांसारखी भक्तीभावाने वाचली जात आहेत.

अर्थात् परिस्थिती अगदीच आलबेल आहे असंही नाही. डीजे नाईटला इतकी गर्दी होते की जागा पुरत नाही आणि 'भावस्पंदन' सारख्या दर्जेदार मराठी कार्यक्रमाला मोजकेच प्रेक्षक उपस्थित असतात हेही एक कटू सत्य आहेच.

पण एवढ्यातेवढ्यानं मराठीचे अस्तित्व नष्ट व्हायचं नाही. आजही पुण्या मुंबई बाहेर अस्सल 'मऱ्हाटी 'प्रदेशात फक्त मराठी आणि मराठीच बोलली जाते. मुंबईसारख्या बहुभाषिक शहरातसुद्धा मराठी माध्यमांच्या शाळांमध्ये मुलं शिकतात, जगाच्या पाठीवर कुठेही, कुठल्याही क्षेत्रांत, कुठल्याही प्रकारचा न्यूनगंड न बाळगता आत्मविश्वासाने वावरतात. मराठी तरूण भाषेच्या संवर्धनासाठी वेगवेगळे उपक्रम राबवतात तेव्हा मराठीच्या ऱ्हासाची काळजी करण्याची गरज नाही.

जोपर्यंत आम्ही मराठी माणसं जिवंत आहोत तोपर्यंत मराठीला मरण नाही कारण -

" लाभले आम्हांस भाग्य बोलतो मराठी,
जाहलो खरेच धन्य ऐकतो मराठी,
धर्म, पंथ, जात एक जाणतो मराठी,
एवढ्या जगात माय मानतो मराठी ।"

स्वप्नाली सावंत
तृतीय वर्ष
(विद्युत अभियांत्रिकी)

पिंपळपान

रिक्त एका संध्याकाळी
आठवणींची पाने उलगडली जातात,
मनाच्या कोपऱ्यातील सुप्त नाती,
स्मृतिसुगंधाने दरवळतात.

गत गोष्टींना उजाळा मिळतो,
व्यक्ती-वल्ली आठवतात,
त्यातील काही हसवतात,
तर काही कंठ दाटवतात.

वर्तमानातून भूतकाळात जातो,
सर्व काही क्षणांत घडतं.
तरूणाईतून बाललीलांचं
सिंहावलोकन केलं जातं.

आठवतात बऱ्याच व्यक्ती,
नि त्यातीत काही भावतात
पिंपळपानंच जणू ती,
हृदयी जपावीशी वाटतात.

चेतन ज.साळुंखे
द्वितीय वर्ष (माहिती तंत्रज्ञान)

प्रेमाचा S. A.
(Structural Analysis)

मी कॉलेजांत आली आणि
माझ्या प्रेमाचा cantilever
simply supported beam झाला

तिने केलेला प्रेमाचा वर्षाव
मी uniformly distribute केला
तिचा shear force रूसवा
मी वेळोवेळी bear केला

तिच्या पप्पांनी जबरदस्त
Bending Moment दिला
माझ्या प्रेमाला Twist करून गेला.

प्रशांत सुकाळी
द्वितीय वर्ष (स्थापत्य)

वाटलं होतं, तुला तरी
माझ्या अंतरीची वेदना कळेल
तुला ठाऊक नव्हतं, इतरांसारखीच
तुझी नजर पोरकी करेल.

खरंच वेडी आहेस तू
कोण कधी कुणावर रूसतं ?
रूसणं फक्त निमित्त असतं
खरंच खरं प्रेम दडलेलं असतं

विशाल भुजबले

सगळीच स्वप्नं...

सगळ्याच फुलांची काही
फळं होत नसतात,
आपल्या नजरेतलं सौदर्य,
आपल्याला दाखवत असतात.

सगळ्याच झाडांच्या सावलीत
वाटसरू विसावत नसतात,
त्यांच्यात तर फांद्यांवर
पक्ष्यांची घरटी असतात.

सगळ्याच पाऊलवाटांचे
डांबरी रस्ते होत नसतात,
माणसातली माणुसकी
त्याच जोपसत असतात.

सगळेच तारे काही
सूर्य वाटत नसतात,
मनात आशेचे किरण
तेच फुलवत असतात.

सगळेच मित्र काही
'आपल्या 'मदतीसाठी नसतात,
तेच आपल्यातला मैत्र
जिवंत ठेवत असतात.

सगळ्याच भावना मनातल्या
शब्दांकित होत नसतात,
त्याच आपलं मन
वाचून दाखवत असतात.

सगळीच स्वप्नं काही
पूर्ण होण्यासाठी नसतात,
पुढच्या आयुष्यासाठी
प्रेरणा देत असतात.

प्रजू बी.
तृतीय (यांत्रिकी)

'वेळेचे गणित'

एकदा 'वेळेचे नियोजन' या विषयात प्रभुत्व मिळवलेल्या एका प्राध्यापकानं आपल्या ज्ञानी (?) विद्यार्थ्यांना वेळेचं महत्व पटवून देण्यासाठी असं काही उदाहरण दिलं की जेणेकरून ते आयुष्यभर स्मरणात ठेवतील.

त्या प्राध्यापकाने एक भला मोठा रांजण त्यांच्यापुढे मांडला. एक डजनभर विटांचे तुकडे घेऊन शांतपणे त्याने एका मागोमाग एक रांजणात भरण्यास सुरूवात केली. ज्यावेळेस तो रांजण विटांनी पुरेपुर भरला त्यावेळेस ते महाशय विद्यार्थ्यांना उद्देशून म्हणाले, ''मला सांगा, हा रांजण पूर्णपणे भरला आहे का?''

सर्वजण एकसूरात उत्तरले ''होय''

''खरंच ?'' प्राध्यापकांनी प्रतिप्रश्न केला.

मग त्या विद्वान महाशयांनी एक गारगोट्यांनी भरलेला डबा आणला. थोड्या थोड्या गारगोट्या काढून त्यांनी त्या रांजणात भरावयास सुरूवात केली. रांजण अलगद हलवल्यानंतर गारगोट्या विटांच्या मधल्या जागेत जाऊन बसल्या.

नंतर त्यांनी विद्यार्थ्यांना पुन्हा एकदा विचारले ?

''हा रांजण पूर्णपणे भरला आहे का ?''

आता मात्र विद्यार्थ्यांपैकी एक धिटाईने म्हणाला ''बहुधा नाही.''

''शाबास !'' प्राध्यापक उत्तरले.

आता त्यांनी टेबलाखालून वाळूची पिशवी काढली. आणि ती वाळू रांजणात ओतायला सुरूवात केली. ती विटा आणि गोरगोट्यांमधील कानाकोपऱ्यांत घट्ट रूतून बसली. वाळूने रांजण भरल्यानंतर त्यांनी पुन्हा एकदा विचारले, ''आता हा रांजण पूर्ण भरला आहे का ?''

सर्व वर्गातून एकमताने आवाज आला, ''नाही''.

पुन्हा एकदा प्राध्यापक म्हणाले, ''शाबास !''

प्राध्यापकांनी यावेळेस मात्र पाण्याच्या मडक्यातून रांजण भरायला सुरूवात केली. काठोकाठ रांजण भरल्यानंतर त्यानी सर्व वर्गाकडे कटाक्ष टाकून विचारलं.

''या उदाहरणाचं प्रयोजन काय ?''

एका हुशार हजरजबाबी विद्यार्थ्याचे उत्तर आले.

''प्रयोजन हेच की, माणसाचे वेळापत्रक कितीही भरलेले का असेना, त्याने प्रयत्न केला तर तो नक्कीच त्यात आणखी काही गोष्टी भरू शकतो.''

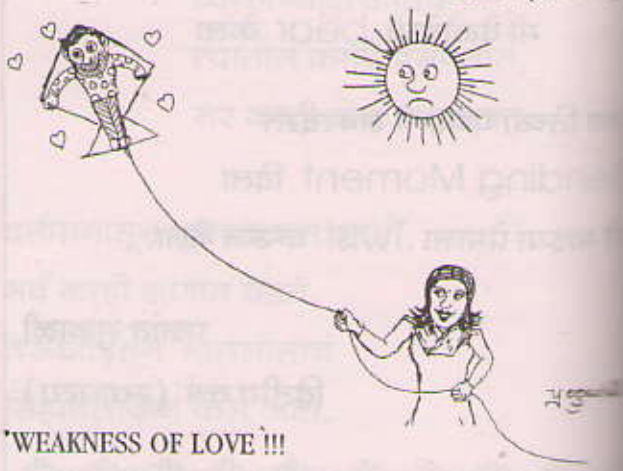
''मुळीच नाही !'' विद्वान उद्‌गारले.

''या प्रयोगातून जे सत्य बाहेर पडतं ते असं की, जर तुम्ही मोठ्या विटा सर्वप्रथम भरल्या नाहीत, तर तुम्हाला त्यांना नंतर जागा करून देणं कधीच शक्य होणार नाही.

तात्पर्य : मित्रांनो मला सांगा तुमच्या आयुष्यातील मोठ्या विटांच्या स्थानी काय आहे? तुमच्या प्रेमळ व्यक्तींसोबत व्यतीत केलेले क्षण ? मित्रांसोबत केलेली थट्टा मस्करी? की तुमचे शिक्षण आशा-आकांक्षा, ध्येये आणि स्वप्ने ?

तेव्हा या विटांना जीवनात स्थान करून देण्यास वेळ करू नका, अन्यथा त्या कधीच.....

संकेत मगरकर
अंतिम (यांत्रिकी)



'WEAKNESS OF LOVE !!!

आयुष्याची वस्त्रे नेहमी
प्रेमाच्या धाग्यांनी विणावी
उगीच थोडीशी त्यांना
समाधानाची झालर असावी

मैत्रीच्या सुरेख नात्यांची
त्यावर छान नक्षी काढावी
अशा विणलेल्या वस्त्रांवर मग
स्वप्नांची सुंदर चकाकी चढवावी
खरंच....
आयुष्याची वस्त्रे अशीच विणावी

प्रमोद हटकर
तृतीय (यांत्रिकी)

माझी व्याघ्रकथा



सन २००५ चा तो ऑगस्ट महिना .CIVIL मध्ये B.E. झाल्याचे शिक्कामोर्तब माझ्या नावावर झाला. पाच वर्षांच्या (एक वर्ष ड्रॉप) अथक परिश्रमांचे फळ मिळालं. या वर्षांच्या कालावधीतील सर्व SPACE आणि 'वाक्यंदन' यांचा दांडगा अनुभव पाठीशी होता. ही शिदोरी पुढच्या वाटचालीकरता मी तयार झालो . आता खऱ्या Engineer's Life ची सुरूवात होती.

रोज वर्तमानपत्र चाळणे आणि मुलाखती देणे हा माझा नित्याचा जीवनक्रम बनत चालला होता. त्यातच एके दिवशी राणीच्या बागेच्या रस्त्याने जात असताना एका फलकावर माझे लक्ष गेले. त्यावर लिहिले होते.

''वाघ पाहिजे!''

-: त्वरीत भेटा :-
व्यवस्थापक
जिजामाता उद्यान

ती जाहीरात वाचून मला एक जोर का झटका धीरेसे लागला. आतापर्यंत जाहीराती मी वाचल्या होत्या. पण अशी एक जाहीरात मी प्रथमच पहात होतो. नक्की काय भानगड आहे हे जाणून घेण्यासाठी मी व्यवस्थापक, जिजामाता उद्यान यांना भेटावयास गेलो. माझ्या शरीरयष्टीकडे एक ओझरता कटाक्ष टाकत ते म्हणाले, ''अरे व्वा ! आम्हाला हवा असलेला माणूस तूच आहेस '' मला हा दुसरा झटका...झटका धीरेसे बसला. बाहेर फलक लिहिला होता ''वाघ पाहिजे !'आणि इथे हे महाशय माणूस पाहून खूष होतात. नक्की काय भानगड आहे हे विचारले असता मला कळले की, राणीच्या बागेतील वाघाचा नुकताच मृत्यू झाला आहे. वाढत्या शिकारीमुळे वाघांची संख्यादेखील कमी झाली आहे. दुसरा वाघ त्यामुळे उपलब्ध नाही. तेव्हा पर्याय म्हणून एखाद्या माणसाला वाघाची वेशभूषा करून पिंजऱ्यात उभे करण्याची शक्कल कोणाच्या तरी सुपीक डोक्यातून बाहेर पडली होती. वाघाचे काम करणाऱ्यास महिना पाच आकडी पगार + दोन वेळा नॉनव्हेज + एक साप्ताहिक सुट्टी अशी त्यांची offer ! रोज रोज मुलाखतींना कंटाळलेला मी त्यांची ही offer नाकारू शकलो नाही. एका आठवड्याचा वाघाचा Professional Course करून मी माझ्या कामावर रूजू झालो. सकाळी दहा वाजता वाघाची वेशभूषा करून पिंजऱ्यात शिरायचे. कोणी पर्यटक, लहान मुले वगैरे आली की शिकविल्याप्रमाणे येरझाऱ्या घालायच्या, डरकाळ्या (की ढेकर) दयायच्या. सायंकाळी सहा वाजता पिंजऱ्यातून बाहेर पडायचे. या काळात नॉनव्हेजचे दोन्ही बेत पिंजऱ्यातच आटोपायचे असेच दिवस मजेत जात होते. राणीच्या बागेला भेट देणाऱ्यांची संख्या दिवसेंदिवस वाढत होती. माझ्या पिंजऱ्याच्या बाजूला अस्वल, लांडगा, कोल्हा अशा इतर अनेक प्राण्यांचे पिंजरे होते. पण सर्व लहान-थोरांना व्याघ्रदर्शन भुरळ पाडत होते.S.P.C.E. मध्ये मित्रांनी Prashu असे केलेले नामकरण मी 'पशू' बनून सार्थ करत होतो.

एक दिवस माझ्या लक्षात आले की, माझ्या आणि शेजारच्या अस्वलाच्या पिंजऱ्याला जोडणारा दरवाजा चुकून उघडा राहिला आहे. चुकून जर शेजारचे अस्वल माझ्या पिंजऱ्यात शिरले तर... असे मी मनात म्हणातो तोच शेजारचे ते अस्वल त्या दरवाज्यातुन माझ्या पिंजऱ्यात शिरले. माझी तर भितीने गाळणच उडाली. मी मदतीकरता ओरडणार तोच ते अस्वल धावतच माझ्या जवळ आले आणि माझ्या तोंडावर आपला पंजा ठेवून मनुष्यवाणीने म्हणाले ''ए प्रशू'' चूप बस. मी बंड्या from S.P.C.E. Civil ''

प्रशांत सुकाळी
द्वितीय वर्ष, स्थापत्य

तू जाण्याच्या निमित्ताने

आता येथून जाणार तू
नशिबी येणार फक्त उसासे
मनाला सतत टोचणी लागणार
तुला सांगायचे राहिले बरेचसे

म्हणून आज हिंमत केली
अन् लेखणी हातात धरली
मनातले व्यक्त करण्याची
सुवर्ण संधीच चालून आली

खरेच तुझ्यावर प्रेम केले
तुझ्या साथीची अपेक्षा होती
ध्यास तुझा नव्हता तरी
आस मात्र तुझीच होती

तू समोरून आलास की
मनात अजून उसळतात लाटा
क्षणात येते भानावर मी
तू समोरून निघून जाता

तुला शुभेच्छा देणेच फक्त
आता माझ्या हातात आहे
असशील तेथे सुखात रहा
हीच एक इच्छा आहे

केतकी जोशी
(द्वितीय वर्ष)
(यांत्रिकी)

'मी' आणि 'मि' (त्र)

स्वार्थीपणाच्या पाषाणाला,
फुटतो का कधी अंकुर
स्वार्थाच्या या जीवनाला
नसते कुणाची हुरहूर

स्वार्थाच्या या विश्वात
असतो 'मी' आणि 'मी'च
मित्र नसताना शत्रूलाही
घेतो सामावून आम्ही

'मी' आणि 'माझा' याचा
नसतो कोठेही अंत
शिवून जात नाही क्वचितही
त्यांना दुसऱ्याची खंत

'मी' आणि 'मला' घेवून
जीवन जगतात तरी कसे
जीवनात या 'मी'च्या
नसतात 'मी'चे ठसे

काही वेळेला जीवनात
शत्रूही सहाय्य करतो
स्वार्थीपणाच्या या स्वभावाला
'मी'च कारणीभूत ठरतो.

जीवनाची 'या' सुरूवात
होते विश्वासू मित्रावर
जीवनाचा 'या' शेवट
होईल तेही 'मि'त्रावर

सुनिल [illegible]
तृतीय (यांत्रिकी)

अभियांत्रिकी शब्दकोश

- **अभियांत्रिकी विदयार्थी** – अनेक शस्त्रास्त्रे, कागदाच्या चवडी, ढीगभर पुस्तके यांचे भारंभार ओझे वाहणारा, कंटाळवाण्या शिक्षकरूपी मालकाचे राग लोभ सहन करणारा, किमान चार वर्षे चिकाटीने चालणारा गाढव सदृश्य मनुष्य प्राणी!

- F.E.'s. :- दचकत, घाबरत महाविद्यालयाच्या आवारात उडायला शिकणारे, ज्येष्ठ पक्ष्यांच्या चोची निमूटपणे सहन करणारे गरीब पिलू!

- P.L.:- K.T. च्या जखमांना मलमपट्टी करून, वह्या पुस्तकांची चिलखते अंगावर घेऊन (ढाली बनवून) नव्या युध्दास सामोरे जाण्यास सज्ज होण्यासाठी जाहीर केलेला कालावधी!

- K.T. :- वेळीच उपाय न केल्यास कॅन्सर प्रमाणे बळावणारा छुपा, भयावह रोग!

- वाचनालय :- सर्व रोगांवर अभ्यासोपचार करणारे, अशक्तांना शक्तीवर्धक, नापास-निराशेच्या मानसिक रोगातून मुक्तता देणारे रूग्णालय!

- ड्राफ्टर :- पारंपारिक शस्त्रास्त्र - तलवार व आधुनिक शस्त्रास्त्र बंदुक यांचा एक अभियांत्रिकी मेळ!

- Mass bunking :- 'संघटनेत बळ' या उक्तीचे उसने अवसान आणून क्षणिक आनंदासाठी सर्वांनीच केलेले बेपर्वा वर्तन!

- Attendance :- सर Attendence घेतात तेव्हा 'Yes Sir' म्हणण्यासाठी जे जागे असतात त्यांची नोंद / यादी म्हणजे Attendence!

- Proxy :- हजर असलेल्यांनी, हजर नसलेल्यांची केलेली बेमालूम तरफदारी!

१० रॅगिंग :- तोंड दाबून बुक्क्यांचा मार / F.E. च्या मुलांना सिनियर्सचा सासुरवास (क्योंकी सास भी कभी बहु थी) !

११ अभियांत्रिकी अभ्यासक्रम :- प्रवेश प्रक्रियांची लक्ष्मणरेषा ओलांडल्यावर अभ्यासविषयांच्या निर्बिड जंगलातून नेणारी खडतर वाट, (या वाटेवर K.T. चे काटे कुटे, परीक्षांची भूतावळ, सबमिशनचे डोंगर पार करणारा विद्यार्थी जीवन संघर्षात साहजिकच खंबीर होतो.)

१२ G.T. :- दुसऱ्याचा चष्मा वापरून स्वत:च्या कल्पना साकारण्याचा फोल प्रयत्न!

अमृता भट
गौरी दिक्षित
(प्रथम स्थापत्य)

आठ(ओ)ळ्या

स्टेशनच्या प्लॅटफॉर्मवर तो भिकारी
सुरेख बासरी वाजवायचा
जुनी जुनी गाणी वाजवून
ऐकणाऱ्यांना मंत्रमुग्ध करायचा.

त्या सुरांमध्ये स्वरंच काहीतरी जादू होती
ती त्या बासरीची कमाल होती.
त्याच्या बोटांची चपळाई होती
की.....की.....
त्याच्या पोटातली आग होती ?

केदार पटवर्धन
अंतिम (यांत्रिकी)

मीठ



तुमच्या माझ्या सर्वांच्या दैनंदिन वापरातली गोष्ट कुठली असेल तर मीठच ! दुसऱ्या कुठल्याही पदार्थावाचून आपण भागवू शकतो पण मीठ नसेल तर पानाचं सोडा आमचा घासही हलणार नाही.

या मीठाच्या गोष्टी फार रंजक, गमतीशीर आहेत. आधी आम्हाला दोनच मीठ माहीत होते एक 'पांढरं मीठ' आणि 'काळं मीठ ! ' पण आता काळ बदलला आहे एक नविन कल्पना जोर धरत आहे 'आयोडीनयुक्त नमक ! ' आधी जाहीरातदार फक्त 'फ्री फ्लो ' किंवा 'शुभ ' अशा मुद्दयांवर लढत पण आयोडीनमुळे 'मीठाची लढाई ' चांगलीच रंगली आहे. यावरही कडी अशी की 'आम मीठमेका आयोडीन आपतक पोहोचते पोहचते खतम हो जाता है पण हमारा मीठ आपतक सही मात्रामे आपतक आयोडीन पहुचाता है .' अजून भविष्यात काय काय बघायचं ठेवलं आहे देव जाणे. कदाचित अशी जाहीरात येईल. 'आमचं मीठ खा आणि बळकट व्हा.' आम्ही विचारू कसं बुवा मीठ आणि बळकट हे काही जुळत नाही. यावर उत्तर 'अहो साधी गोष्ट आहे तुम्ही साधं घर बांधता तेव्हा त्याचा पाय बनवण्यासाठी किती सिमेंट. आसाऱ्या, खडी टाकता, तर विचार करा, साम्राज्याचा पाया बांधण्यासाठी किती सामग्री लागेल', पण गांधीजीने हे मुठभर मीठाने करून दाखवलं 'उचललेस तू मीठ मुठभर साम्राज्याचा पाया खचला आणि आमच्या साम्रज्याचा पाया बळकट झाला कशामुळे तर मुठभर मीठामुळे !'

आपण म्हणतो, 'गाढवाला गुळाची चव काय ?'अहो गुळ काय महत्वाची गोष्ट आहे पण गाढवाला मीठाची चव (जाऊद्या महत्व) कळते. आता हे कसे ? आठवते गोष्ट...

'एक व्यापारी गाढवावर लादून मीठाची ने-आण करायचा एकदा चुकून गाढव बाजूच्या नदीत पडले तर मीठ विरघळून गेले आणि गाढवाच्या पाठीवरचे ओझे कमी झाले. गाढवाला चांगली कल्पना सुचली आणि तो नेहमी वाटेवरच्या नदीत मुद्दाम पडू लागला. मालकाच्या हे लक्षात आलं आणि म्हणून त्याने मीठाऐवजी कापूस गाढवावर लादला. नेहमीप्रमाणे गाढव पाण्यात पडलं पण वजन कमी होण्यापेक्षा अधिकच वाढलं आणि गाढवाचे कष्ट वाढले ' असं का झालं मीठाचं महत्व जाणलं पण खाल्ल्या मिठाला गाढव जागलं नाही खाल्ल्या मीठाला जागणे चित्रपटातून नेहमी कानावर पडणारी म्हण! या मीठामुळे चित्रपटांनाही भरपूर मालमसाला मिळाला आहे. ' मैने आपका नमक खाया है सरकार ' शोले मधल्या गब्बर जवळ प्राणयाचना करतांनाही मीठ कामी येते, पण खाण्याला महत्व नाही तर महत्व जागण्याला आहे.' मीठावरचा चित्रपट ' लोकांना फार आवडला....काय ? 'नमकहलाल 'आणि लोकांनी मीठाला उचलून धरलं.

असा हा मिठाचा महिमा अगाध आहे. या मिठाकडून शिकण्यासारखं फार आहे. जीथे जावे तिथे मिसळून राहवं मीठासारखं आपली अडचणही कोणाला होऊ नये आपण कोणाला दिसूही नये पण आपली जाणीव असावी आपल्या सहवासानं कुठल्याही ठिकाणी चव यावी मीठासारखी.

हा सहवासही थोडा कमी जास्त झाला की चव बदलते किंवा बिघडते अगदी मिठासारखी.

निखिल पाटील
(द्वितीय यांत्रिकी)

दर दसऱ्याले



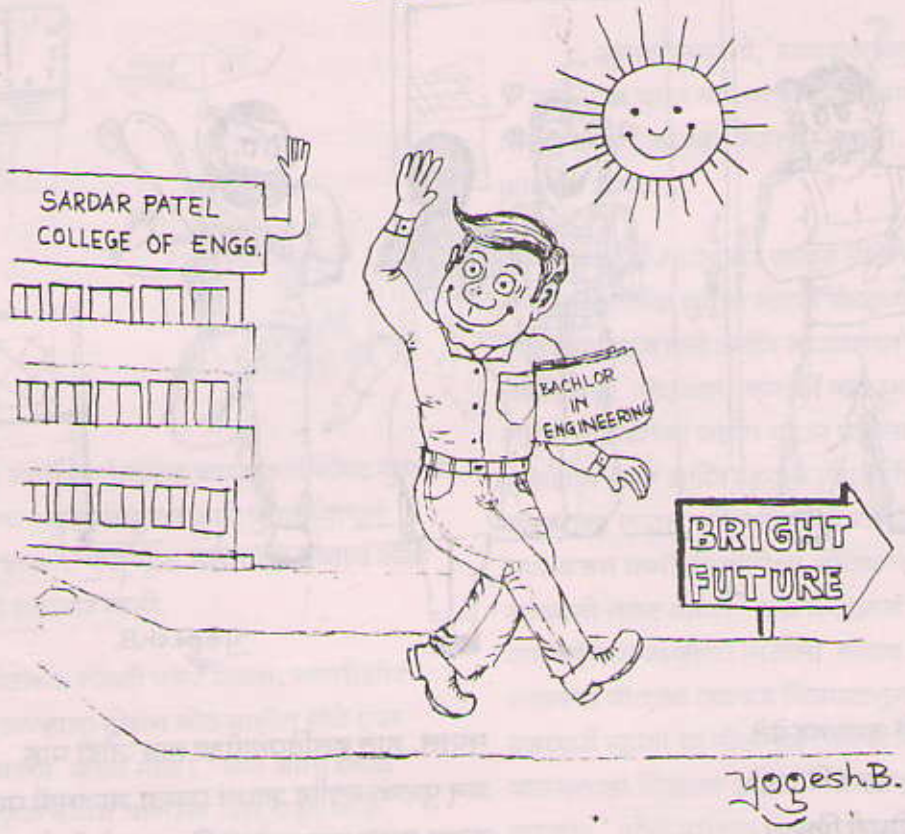
दर दसऱ्याले मले, तिची आठवण येते.
अन् तळ पायाचि आग, मस्तकी जाते.
सोने द्या साठी पोरं घरोघरी फिरता,
अन् सर्वे आपलं मतलब, पुरं करता
माह्या गावात भी माह्या लय रंग होता,
तिचा बी माह्यावर लय जीव होता,
पैका मजनु ची जोडी म्हनून आम्हाले वयखत,
अन् आमचं पाही पाही बाजूचे पोरं बी बयकत्,
मले, दसऱ्याले दोघी पयी जाऊ, अन्....
तिकडेच पुन्या-मुंबईले राहू.
मलं बाई भलतंच काही होईन,
आपली कहानी अर्ध्यावरच राहीन.
मले 'आमिरखान' तु माह्या अन् मी तुही 'माधुरी'
अन् अशी कशी राहीन आपली कहानी अधुरी
मले चांगल्या मोक्यावर पोऱ्या हिंमत नाही करशील,
न जिंदगी भर पोऱ्या हातच हालवत राहशील,

म्हतलं, हात हलविण्यापेक्षा हात जोडी पाहू,
अन् फुटकं नशीब आपलं एकदा आजमयी पाहू.
सजून धजून दसऱ्याले मी तिच्या घरी गेला.
पहलवानासारखे दोन भाऊ पाहिसन् मी त् ब्याही गेला.
मधी ओढला मले, अन् अशी धुलाई केली,
सिधी रवानगी माही दवाखान्यात केली.
ऐन दसऱ्याले, तिनं अशी फिरवली किल्ली,
अन् तव्हा पासून मीन् दसऱ्याची हायच् खाल्ली

म्हणून, म्हणतो मित्रहो,
दस दसऱ्याले मले तिची आठवण येते...
अन्.....

जगदीश शांताराम बिसपुते.
तृतीय (विद्युत)

"अद्भुत परिसरातील बहुरंगी कॉलेज - S.P.C.E."



माझी आई, माझा मित्र, माझे कुत्रे, माझे आजोबा इत्यादी गणगोतांवर अगदी इयत्ता ५ वी पासून थेट १२ वी च्या बोर्डाच्या परीक्षेपर्यंत अनेक 'दांडगे' निबंध लिहिण्याचा प्रत्येक मराठी विद्यार्थ्याचा हमखास अनुभव असतो. पण आपल्याच महाविद्यालयाविषयी काहीतरी लिहिण्याचा (व ते ही ह्या वयात ?) हा तसा पहिलाच प्रयत्न !

शालेय परीक्षांमध्ये अनेक मोठमोठे 'तीर' मारून, कसलेले दिग्गज खेळाडू ह्या अभियांत्रिकी क्षेत्रात प्रवेश करतात त्यातल्या त्यात 'सरदार पटेल' सारख्या महाविद्यालयात प्रवेश मिळवायचा म्हणजे जरा अधिकच 'अंगमेहनत' घ्यावी लागते. एवढा भयंकर शारिरीक व बौध्दीक व्यायाम झालेला हा 'गुणी' विद्यार्थी एकदाचा येथे प्रवेश मिळवतो !

आपल्या ह्या नवीन कार्यक्षेत्राला सुरूवात करण्यापूर्वी तो अनेक वैविध्यपूर्ण कल्पनांशी मनाशी आरवणी करतो व त्यातील सर्वात जास्त भर अभ्यासावर देतो. पण अंधेरी उपनगरातील 'भवन्स' कॅम्पसमध्ये पाऊल ठेवतांच तिथल्या मनोहर व नयनरम्य दृष्यांनी कॉलेज ह्या शब्दाचा खरा अर्थ त्याच्या प्रथमच ध्यानी येतो, व अगदी त्या क्षणापासूनच 'अभ्यास' नावाचा प्राणी 'उपेक्षा' नावाच्या घनदाट अरण्यात हरवून जातो.

मातापित्यांच्या धाकाखाली आजवर शिकलेला हा 'सद्गुणी बालक' येथे येऊन मात्र 'मोकाट बैला' सारखा सुटतो. ज्वालामुखी एकदम उसळावा तसे त्याच्या तुंबलेल्या भावनांचा येथे रोजच स्फोट होतो. तशी त्यात त्याचीही चूक नसते. एकदम एवढी हिरवळ पहिल्यांदाच पाहिली की मन सैरभैर होणारच !

कॉलेजच्या खेळीमेळीच्या वातावरणात हा बालक वाढू लागतो व अवघ्या काही दिवसातच त्याला बालक (?) म्हणावे की नाही, इतका हा चुणचुणीत झालेला असतो.

'माणसाचा विकास हा त्याच्या आजूबाजूच्या परिस्थितीवर अवलंबून असतो' हे ज्या कोणा 'सद्गृहस्थाचे' वाक्य आहे त्याचा साक्षात्कार परिचय कॉलेज मध्येच होतो.

'मुन्शी नगर'ची भव्य कमान ओलांडून आत आले की लगेच डोळ्याची पारणं फिटतात. एवढी गर्दी, एवढी गर्दी की कितीही नको नको म्हटले तरी अनेक 'गोड' धक्क्यांनी शरीराचे मोरपीस होते. ('ट्रिंग'वाल्या शेजारीच गेटच्या निमुळत्या जागेतला प्रवास म्हणजे सुखद धक्क्यांचा अक्षरश: अतिरेक !) त्यानंतर अवघ्या एकाच मिनीटांवर, कॉलेजचे नाव असलेला बोर्ड व त्याखालील निमुळता बाण अभियांत्रिकी विद्यार्थ्यांना डावीकडे वळण्यास भाग पाडतो. बऱ्याच विद्यार्थी मित्रांना हे डावे वळण घेण्यास जीवावर येते कारण त्याऐवजी सरळ चालले, तर 'भवन्सचा' भरगच्च बागबगीचा लागणार असतो !

गावोगावी विशिष्ट सणांनिमित्त भरणारी 'यात्रा' येथे रविवार सोडून रोजच पहावयास मिळते. हवी ती उंची, हवा तो रंग, हवा तो बांधा अशा हव्या त्या दर्जात 'नाना बालके' उपस्थित मिळतात. त्यामुळे कोणालाच कशाची टंचाई अशी भासतंच नाही. परिसरातील फॅशन काय सांगायचे झाले तर शब्दबळही अपुरे पडावे !

हाफ पॅन्ट, फुल पॅन्ट, लुंगी, बनियन, फुल बाही, हाफ बाही, बिन बाही ह्यापैकी कोणताही प्रकार कोणत्याही रंगात सदैव उपलब्ध !

वॉकमन वरून गाणी ऐकत फिरणारे दिव्य पुरुष, डोळ्यांवरील केसाच्या बटा दूर सारत, मोबाईलवर आपल्या प्रियजनाशी मादक आवाजात बोलणाऱ्या कन्यका, आलिशान गाड्यांचा आडोसा घेऊन एकांत साधणारे जोडपे ह्या सगळ्यांचा संपूर्ण परिसरात मुसता सुळसुळाट !

अनोळखी व्यक्तीला येथे आल्यावर नेहमीच दोन प्रश्न पडतात, येथील पांढरेशुभ्र सुगंधीत रस्ते व झाडारवालून वेगाने पाऊले उचलणारी मुले ! पण हे गूढ त्या त्रयस्त व्यक्तीला तोपर्यंत कळत नाही जोपर्यंत ती स्वत: त्या 'कल्पवृक्षाखालून' प्रवास करत नाही. मग रस्त्यावरून चालताना त्यांच्या अंगरख्यावर जो 'पक्षी-प्रसाद' मिळतो त्याचे रंग-रूप व गंध व पायाखालील रस्त्यावरील पदार्थाचा रंग, रूप, व गंध ह्यांचे एकमेकांशी असलेले ऋणानुबंध लक्षात येवून वरील दोन्ही प्रश्नांची उत्तरे आपोआपच मिळतात.

वरील वर्णनाप्रमाणे सगळीच चित्रे भविष्यात पहावयास मिळतील की काय म्हणून येथील वास्तुरचनाकाराने आगामी पिढीतील ' भक्तीरसाचा 'उत्तम नमुनाही येथे पेश केला आहे, पांढऱ्याशुभ्र संगमरवररावरील सुंदर ' भगवान शिवशंकराचे ' मंदिर म्हणजे येथील वातावरणातील सर्वात अप्रतिम आविष्कार !

पण आज हेच मंदिर म्हणजे कॅम्पस 'लव्ह स्पॉट' ठरले आहे. अगदी मंदिराच्या पायऱ्यांवर, बाकांवर, आवारातील दगडांपासून तर थेट पिंपळाखालील चबुतऱ्यावर सगळीकडे प्रेमी युगुलांच्या जोड्याच जोड्या ! देवाला हात जोडले की पुढील सर्व कामांना ही मुले मोकळी ! वर्गामध्ये लेक्चरला करमत नसेल तर.B.E.Mech, T.E. Mech, B.E. Elect व F.E. Elect हया सर्व वर्गांना हा On line Show केव्हाही मोफत पहावयास मिळतो,व म्हणूनच निदान ह्या वर्गातील मुलांची तरी 'उपस्थिती सन्मानजनक' असायला हरकत नसते.

मंदिरापाठीमागील असलेल्या 'बॉटनी गार्डन' मध्ये बहुदा S.P.C.E.च्या मुलांना प्रवेश मिळावा असे वाटते. हा निर्णय मात्र मला नेहमीच अभिमानास्पद वाटतो. मंदिराजवळील मोकळया जागेतील दृष्य पाहिल्यावर एवढा जीव दडपतो तेव्हा त्या 'बॉटनी गार्डन 'मधील बंदिस्त जागेत अजून काय-काय पहायला मिळेल ह्या विचारानेच हृदय थांबायची वेळ येते व म्हणूनच S.P.C.E.च्या 'अबोध' मुलांसाठी घातलेली ही बंदी स्वागतार्ह आहे.

एवढ्या विविधतेने नटलेल्या परंपरांचा अनुभव घेतलेल्या S.P.C.E. चा 'नवबालक' लवकरच त्या परंपरांशी 'पाईक' होण्याची पात्रता अंगी बाणतो व मग त्याच्या महाविद्यालयीन कारकिर्दीची सुरूवात करतो. सभोवतालच्या वातावरणाच्या अगदी सुयोग्य परिणाम साधालेला हा 'Ex शिशू' जो पूर्वी अरब्बा दिवस शाळेत बसायचा, दुसऱ्या आठवडयापासून Lecture Bunk करण्यास सुरूवात करतो हा येथल्या पाण्याचा खास गुण !

कॉलेजच्या बाहयभागापेक्षा त्याचा अंतर्भाग जास्त रम्य आहे. 'Aided Branches' साठी असलेल्या ह्या भल्यामोठया इमारतीचा 'निम्मा' भाग 'Unaided' च्या बोक्यांनी मटकावला आहे पण आमच्यात मात्र भांडण असं नाही कारण नाही म्हटले तरी आम्हा 'Aided' मंडळींसाठी आजूबाजूलास बराच 'स्कोप' वाढला आहे. म्हणून येथै सगळी मुले (पुरूष मंडळी) सख्ख्या भावा-भावासारखे वागतात.

मात्यापित्यांची व्रतवैकल्ये म्हणा किंवा तुमचे आदल्याजन्मीचे पुण्य म्हणा यांच्या बळावरच, इतक्या 'पोषक'व 'सात्विक' वातावरणात जगण्याचे भाग्य प्रत्येक विद्यार्थ्यांस लाभते. प्रत्येकाला येथे निरनिराळे छंद जोपासता येतात. त्यापैकी बहुतेकांचा लाडका व कॉमन छंद म्हणजे 'तासिका - बचाव' अर्थातच लेक्चर बुडविणे हा होय. कोणत्याही प्रकारची शारिरीक व मानसिक जबरदस्ती नसल्या कारणाने प्रत्येकास हा छंद निर्विघ्नपणे जोपासता येतो.

S.P.C.E.तील मुलांच्या प्रकृती विषयी म्हणाला तर ते बरेचसे 'सुदृढ व बाळसेदार' आढळतात कारण कॉलेज मध्ये काम असं विशेष काही नसतंच. मित्र-मैत्रिणींना भेटणे, कॅन्टीनमध्ये खाणे, इंटरनेटवर जाऊन बसणे किंवा कॅरम-T.T. चा आस्वाद घेणे व जमल्यास एखादं-दुसऱ्या 'व्याख्यानास' उपस्थित राहणे, असा सर्व साधारणपणे सगळयांचा कार्यक्रम असतोच त्यामुळे अंगावर बाळसे येण्यास कुठलीही अडचण नसते.

वसतिगृहातील बिलंदरांना तर वरील फालतू गोष्टींमध्ये मुळीच रस नसतो, परिणामी त्यांचा बहुसंख्य वेळ 'वामकुक्षीत'जातो, दिवसभरातून एखादे लेक्चर बसणे म्हणजे त्यांच्या सातत्यपूर्ण झोपेतील तो एक छोटासा break असतो ! उपनगरातील बरेचसे 'महान आत्मे' आठवडयास फारतर दोन ह्या सरासरीने सूद्धा उपस्थित राहण्याचा विक्रम करतात. पण तरीही कॉलेज मात्र सदैव गजबजलेलेच सापडते कारण कितीही न बसणारे असले तरी काही काही नियमित 'महाभाग' ही असतातच !

याउपरही अनेक मजेशीर व 'थंड' हवेची ठिकाणे येथे भरपूर आढळतात. येथील 'ऑफीस'चा खेळही तितकाच रंगतदार असतो.S.P.C.E.च्या हया बाह्य व अंतर्गत हालचालीवर मात्र त्याच्या गुणांचे मूल्यमापन करणे चुकीचे ठरेल. गमतीने ह्याबद्दल काहीही म्हटले तरी 'गुण' व 'दर्जा' ह्याबाबतीत ते अव्वलच ठरते. भोवतालच्या वातावरणाचा मनावर परिणाम हा होणारच पण गुणांवर मात्र तो खचितच होतो व म्हणूनच 'यूनिव्हर्सिटीत सर्वप्रथम'येण्याचे सन्मानदेखील हयाच कॉलेजच्या पदरात येतात. मुलांमधील अनेक 'कलागुणांचे' प्रदर्शन Technobreak','Space', 'भावस्पंदन' ह्यासारख्या 'समग्र' कार्यक्रमांमध्ये नेहमीच होते. आमचे हे कार्यक्रम मोठमोठ्या कलाकारांनासुद्धा स्तंभित करायला लावणारे असतात.

अशा हया 'बहुरंगी' महाविद्यालयातून बाहेर पडणारा विद्यार्थीही तितकाच बहुगुणी, रसिक, व बुध्दीवंत असतो आणि म्हणूनच विद्यार्थ्यांचा सर्वांगीण विकास घडवणारे व कॉलेज जीवनातील सर्व सुख ओतप्रोतपणे प्रदान करणारे 'सरदार पटेल अभियांत्रिकी महाविद्यालय' खरंच 'ग्रेट' ठरते !!!

नितीन देशपांडे
अंतिम विद्युत

कलियुगीन विद्यार्थ्यांचे विचारमंथन

थोडासा अभ्यास करायचा असतो ..... सरांसाठी
खूपसा अभ्यास सोडायचा असतो ..... OPTIONसाठी
थोडेसे मार्क्स मिळवायचे असतात ..... PASSING साठी
थोडेसे मार्क्स सोडायचे असतात ..... SCHOLARS साठी
थोडीशी लेक्चर्स बसायची असतात ..... TERM GRANT साठी
थोडीशी लेक्चर्स बंक करायची असतात ..... CANTEEN साठी
ORAL ला जायचे असते ..... गप्प बसण्यासाठी
एरव्ही गप्पा मारायच्या असतात ..... IMPRESSION साठी
PASS व्हायचे असते ..... आई बाबांसाठी
SCORING सोडायचे असते ..... RANKERS साठी
ENGINEER व्हायचे असते ..... DEGREE साठी
नोकऱ्या सोडायच्या असतात ..... बेकारांसाठी

जगदीश शांताराम विसपुते
तृतीय (विद्युत)

'सय'

निर्मनुष्य किनारी सळसळत्या लाटा
होते निम बरोबर मी नव्हतो एकटा
उधाण वाळूत आला मजसमीप एक अनवाणी
सांगू लागला आम्हांस त्याची दु:खीत वाणी
दिसायला होता तो एक साधारण भिकारी
जणू होती वाळवंटातील नग्न चरण स्वारी
दाढी वाढलेली, होत्या केसांच्या जटा
जणू डोंगराच्या लहान लहान पायवावटा
बसला आश्चर्याचा धक्का, ऐकले त्यातोंडून इंग्रजी
मन गहिवरून आले ऐकले जेव्हा तो झाला होता
बी.एस.सी

अनुभवात येतात अशा फार कमी व्यक्ती
बोलण्यातून येते ज्यांच्या सहनशक्तीची प्रचिती
फार काळ थांबला नाही तो निघून गेला होता
त्याच्याबद्दल विचार करण्याशिवाय इलाजच दुसरा
नव्हता.

करूणेच्या पलिकडले जीवन होते ज्याचे करूणमय
विसरायला गेलो तरी विसरणार नाही त्याची सय।

सुनिल शिंदे
तृतीय वर्ष (यांत्रिकी)

प्रेम.... एक प्रवास

जीवनाच्या या वाटेवरती चालताना,
कधीतरी वाटते की आपण
सुद्धा प्रेम करावे,
कुणासाठीतरी आपले जीवन
नक्कीच पणास लावावे.
चिंता नसावी अजिबात
वाटेमधल्या खाचखळग्यांची
आणि भीती नसावी
पावलाखालील काटयाकुट्यांची,
मनात असावा विचार
फक्त शुद्ध प्रीतीचा
नाही त्या समाजाच्या
नीतिमूल्यांचा बंधनांचा
भले असो प्रेम एकतर्फी
पण ते व्यक्त करता आले पाहिजे.
पुढून येणारे उत्तरही
तितकेच पचविता आले पाहिजे.
नाही उत्तर आले म्हणून
खचून मात्र जायचे नसते
जीवनातील हे गणित
सुटेपर्यंत सोडवायचे असते
नाही गणित सुटले म्हणून
अरव्वा पेपर का सोडायचा ?
नव्या जोमाने नव्या दमाने
नवा जोडीदार निवडायचा.

राहुल मोरे
तृतीय वर्ष (यांत्रिकी)

पुढाऱ्याची प्रतिज्ञा

१ भारत माझा देश आहे
राजकारणासाठी

२ सारे भारतीय माझे बांधव आहेत
प्रचारासाठी

३ माझ्या देशावर माझे प्रेम आहे
लुटण्यासाठी

४ माझ्या देशातील विविधता आणि
समृद्धीने नटलेल्या माझ्या परंपरांचा
मला अभिमान आहे
एकता तोडण्यासाठी

५ त्या परंपरांचा पाईक होण्यासाठी
मी सदैव प्रयत्न करीन
खुर्चीसाठी

६ माझ्या पालकांचा, गुरूजनांचा,
वडीलधाऱ्या माणसांचा मान ठेवीन
लाच घेण्यासाठी

७ आणि प्रत्येकाशी सौजन्याने वागेन
मतासाठी

८ माझा देश व बांधवांशी निष्ठा राखण्याची
मी प्रतिज्ञा करीत आहे
गाडीघोड्यासाठी

९ त्यांचे कल्याण व समृद्धी यात
माझे सौख्य सामावले आहे.
पोट भरण्यासाठी

जगदीश विसपुते
तृतीय (विद्युत)

''लादेन''

एक इसम ''ओसामा'' आहे,
जगावर जो हल्ले करतो,
'साथ द्या माझी ' नाहीतर,
युद्ध तुमच्यावर ''लादेन''म्हणतो.

चेतन ज. साळुंखे
द्वितीय (माहिती तंत्रज्ञान)

माणुसकी

शहराच्या ह्या भाऊगर्दीत
माणुसकी कुठेतरी हरवली आहे.
दिलीत जर का शोधून कुणी
त्यातली अर्धी इनाम आहे.

चेतन ज. साळुंखे
द्वितीय (माहिती तंत्रज्ञान)

गोधरा हत्याकांड - जबाबदार कोण ?

शके १९२३ माघ मास पौर्णिमेची गोधरा गावाची सकाळ नेहमीप्रमाणेच सूर्योदयाने आणि पक्ष्यांच्या चिवचिवाटाने झाली. मात्र थोड्याच वेळात या प्रसन्न सकाळचे रूपांतर मरणाशी झुंझणाऱ्या निष्पाप बालक, स्त्रिया आणि पुरूषजनांच्या आक्रोशात झाले.

या अघोरी कृत्यांच्या निषेधार्थ अनेक राज्यांमध्ये बंद, मोर्चे आणि हिंसा झाली. पण खरंच हे बंद, मोर्चे आणि हिंसा निर्माण झालेल्या बिकट प्रश्नाला उत्तर आहेत का ? की नवीन अधिक बिकट प्रश्न निर्माण करत आहेत ?

आपल्या भारतावर आलेल्या या जखमरूपी संकटावरची खपली काढण्याचे काम मात्र 'बंद' अथवा 'हिंसेने' केले आहे.

१ मार्चला गोधरा हत्याकांडाच्या विरोधात बंद पाळून आपण काय साध्य केल ? महाराष्ट्रसोडाच, केवळ मुंबईत झालेल्या नुकसानाचा आढावा घेऊया.

बंदमुळे रोजंदारीवर जगणारा स्वतंत्र भारताचा स्वतंत्र मात्र गरीब नागरिक उपाशी पोटी राहिला. या बंदामुळे ऑटो-रिक्षा चालकांचे सुद्धा असेच नुकसान झाले. रोज लक्षावधी प्रवाशांची वाहतुक करणाऱ्या 'बेस्ट' चे मोठया प्रमाणात नुकसान झाले. यापेक्षा अधिक काय की शंभरहून अधिक बसेसची तोडफोड करण्यात आली. हीच गत 'मुंबईची जान' म्हणजे लोकलची होती.

दुकाने बंद राहील्याने दुकानदारांना आणि कारखाने बंद ठेवल्याने कोट्यावधी रकमेचे नुकसान झाले.

अशा प्रकारे जगातील सर्वात मोठ्या प्रजासत्ताक देशाची राजधानी जर बंदमुळे नुकसानरूपी समुद्रात गटांगळया खात असेल तर इतर शहरं आणि खेड्यांची काय गत. बंदमुळे खरंच नुकसान होते. फायदा होत नाही. हे काही मला वेगळे सांगायची गरज नाही. मात्र या दिवशी झालेल्या नुकसानाच्या बदल्यात एखादा चांगला प्रकल्प हाती घेऊन देशाची सुधारणा करता येईल, नाही का ?

बंद मधील हिंसेच्या नुकसानात भर होत सुरक्षा दलावर खर्च केला जातो. शेवटी समाजकंटकांचा विजय होतो. हे समाजकंटक कोण ? हे कुणी हिंदी सिनेमातील ''मोगॅम्बो'', ''बख्तावर'' किंवा ''गब्बरसिंग'' नसून तुमच्या आमच्या सारखे सुशिक्षित आहेत, जे चिडून, भावनेच्या आहारी जाऊन रस्त्यांवर उतरतात. आज हेच समाजकंटक आपले नेतृत्व करतांना दिसतात. याच अर्थ खरे समाजकंटक आपणच कारण आपणच त्यांना निवडून देता.

Bad people rules because good people don't vote. त्यामुळे आज आपल्यातला माणूस जागा करण्याची वेळ आली आहे.

या सर्व प्रश्नांबरोबर स्वत:च्या नव्हे तर देशाच्या सुरक्षेचा प्रश्न उद्भवतो. देशाची सुरक्षा म्हटली तर आपण ''अब तुम्हारे हवाले वतन साथियों'' करत सैनिकांवरचे ओझे अधिक वाढवितो. मी काही सीमेवर जाऊन लढण्याची गोष्ट करत नाही. मात्र आपण सर्व मिळून राहून आपले गैरसमज दूर ठेवले तर सीमेवरील जवानांची मदत केल्यासारखी होईल आणि देश आतून पोखरला जाणार नाही.

बंद दरम्यान मोठया प्रमाणात हिंसा केली जाते. त्यातुन काय साध्य होते ? यावेळी राष्ट्रपिता महात्मा गांधीजींची आठवण येते. त्यांच्या अहिंसेच्या तत्त्वानुसार एखाद्या व्यक्तीमधील दोषासाठी त्या व्यक्तीला नष्ट करण्यापेक्षा तो दोष नष्ट केला पाहिजे. कुणीतरी यथार्थ म्हटले आहे,

Hate the Sin, not the sinner.

कारण हिंसा केल्याने त्या दोषात गुणात्मक वाढ होते. या तत्वाबरोबर आणखी एक महत्त्वाची बाब म्हणजे शितावरून भाताची परीक्षा न घेणे. याचा अर्थ एखाद्या व्यक्तीच्या कुकर्मामुळे त्याच्या पूर्ण समाजाला दोषी म्हणू नये.

आपल्यातील गैरसमजांमुळेच आपल्या देशात दंगली होतात. आपला शत्रूचा मनसुबा पुर्ण होतो व तो मजा घेत राहतो.

तेव्हा मित्र-मैत्रिणींनो, ''आपल्या सारे जहाँसे अच्छा'' भारताचे भवितव्यच नव्हे तर वर्तमानही आपल्या हातात आहे. या, आपण सर्व हातात हात मिळवून गर्जना करूया.

माणूसकीच्या शत्रूसंगे युद्ध आमचे सूरू !
जिंकू किंवा मरू !!
जिंकू किंवा मरू !!

सुधांशु कि. घाटोडे
व्दितीय (संगणक)

दोन हजार फूट

माणसानं ठेच लागून पडू नये
पडायचं असेल, तर
दोन हजार फुटावरून पडावं
तो तिथपर्यंत गेला होता हे तरी इतरांना समजतं

विशाल भुजबले

आठवणी दाटतात...

मनाच्या तावदानावर धूळ चढलेल्या आठवणी
हृदयाच्या कोनाड्यात ठेवलेल्या वल्ली
काळाच्या काट्यांनी दूर सारलेले क्षण
अन् नियतीच्या कचाटयात सापडलेले आपण

पण कधीतरी ही धूळ झटकली जाते.
केव्हातरी हा कोपरा प्रकाशात येतो.
काळाचे काटे फिरायचे थांबतात.
अन् नियतीचे बंध तोडून आपण मुक्त होतो

आणि मग येतो आठवणींचा महापूर
विसरलेल्या व्यक्तिंचे न विसरलेले किस्से
विस्मयाच्या धुक्यातले हसरे चेहरे
हसऱ्या चेहऱ्यांच्या प्रसन्न आभास

मारलेल्या गप्पांचे दिलखुलास आवाज
कानातल्या कानात केलेली कुजबूज
आणि कधी आपल्याशी झालेले हितगुज
सारे सारे मग कसे डोळयासमोर येते

आठवणींचे फेर धरून नाचू लागते
त्या नाचऱ्या आठवणी ते हसरे चेहरे
पुन्हा शांत होतात अन्
मनाच्या तावदानावर आठवणी धूळ बनून राहतात.

अभिजित चोणकर
प्रथम वर्ष (यांत्रिकी)

कधी कधी वाटतं
या अनोळखी दुनियेत
मीच एकटं का रहावं ?
मला आपलं म्हणणारं
माझंही कुणी असावं

विशाल भुजबले

....आणि डॉक्टर काशिनाथ घाणेकर

पेशाने डॉक्टर असूनही त्यात न रमणारे बरेचसे कलेचे पुजारी आज आपण आजूबाजूला पाहतोय. चित्रपट दिग्दर्शनात मग्न असणारे डॉ. जब्बार पटेल, नाट्यसेवेला वाहून घेणारे डॉ. गिरीश ओक, आपल्या व्यक्तिमत्वाने सगळयांवर छाप पाडणारे डॉ. मोहन आगाशे, डॉ.विलास उजवणे असे कितीतरी पण डॉ. काशिनाथ घाणेकर मात्र आपल्या कायम स्मरणात राहतील.

डॉ.काशिनाथ घाणेकरांचा मृत्यू जरी ८६ सालीच झाला असला तरी त्यांच्या गाजलेल्या भूमिकांमधून ते आजही आपल्यामध्ये वावरत आहेत. झटकून टाक जीवा दुबळेपणा मनाचरा..., रात्रीस खेळ चाले...., गोमू संगतीनं ह्यासाररखी गाणी पाहिली की नकळत त्यांच्या अस्तित्वाची मनाला जाणीव होते.

अतिशय मनस्वी, चंचल, भावनाप्रधान असणारे डॉ.काशिनाथ घाणेकर लहानपणी खूप श्रीमंतीत आणि लाडात वाढले. अतिशय हूड पण प्रचंड इच्छाशक्ती आणि आत्मविश्वासाच्या जोरावर ते कायम ''लाथ मारीन तिथे पाणी काढीन'' ह्याच तत्वाने वागले. घोडयावरून रपेट मारणे ही तर त्यांची खासियतच होती. त्यांच्या हुड स्वभावावर चेष्टेने एकदा त्यांचे स्नेही म्हणाले, ''मुसळाला कोंब फुटेल पण काश्या तू काही पास व्हायचा नाहीस.'' पण हे सहजचे थट्टेने काढलेले उद्‌गार सुध्दा त्यांनी खोटे करायचं ठरवलं. त्यासाठी त्यांनी त्यांच्या दंतवैद्यकीय परीक्षेच्या शेवटच्या वर्षाला सुवर्णपदक मिळवून दाखवले व त्या स्नेहींना ठासून सांगायलाही गेले की, ''मुसळाला कोंब फुटलं हो.''

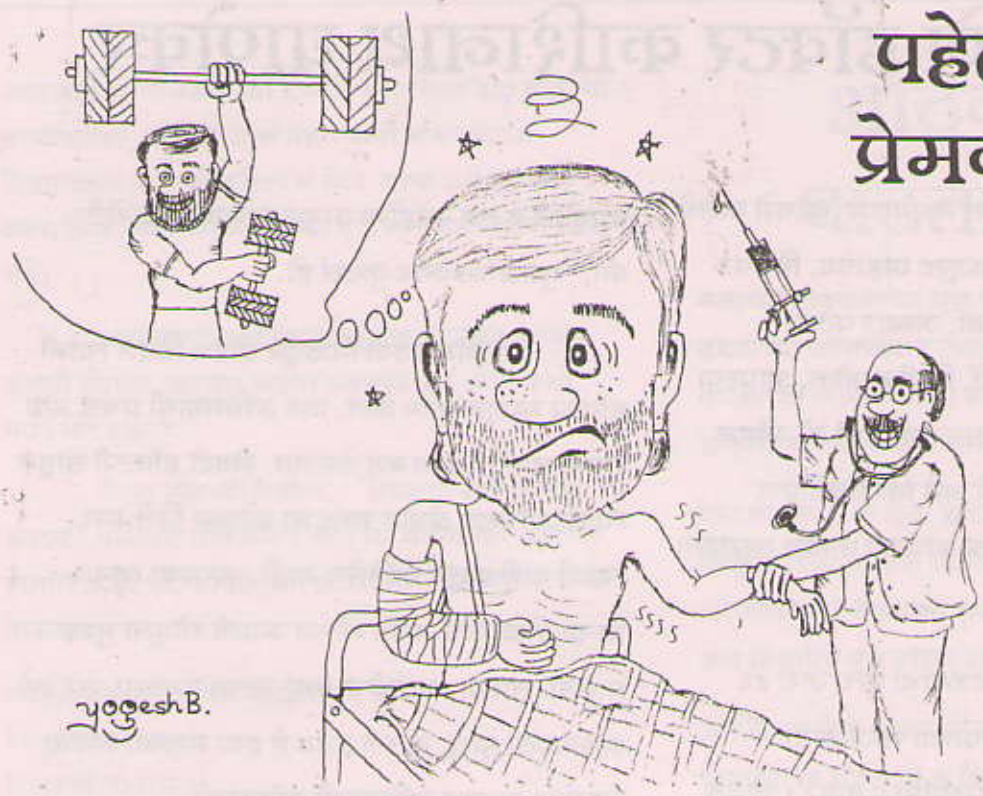
वैद्यकीय पदवी मिळवून थोडेच दिवस त्यांनी डॉक्टर म्हणून काम केलं. पण अभिनयाची प्रचंड ओढ त्यांना काही स्वस्थ बसू देईनात. शेवटी डॉक्टरी सोडून त्यांनी अभिनय क्षेत्रात स्वत:ला झोकून दिले.मग त्यांनी मागे वळून पाहिलेच नाही. आपल्या घाऱ्या-घाऱ्या डोळयांनी आणि गोऱ्या रूपाने गोमूला भुरळ घातली. लाल्या, गारंबीचा बापू उत्तम रंगवला. तर इथे ओशाळला मृत्यू, गुंतता हृदय हे हया सारखी नाटकं आपल्या सशक्त अभिनयाने साकारली.

नाटकाच्या पात्रपरिचयाच्या वेळी शेवटी त्यांचं नाव घेतलं जायचे.... आणि डॉ. काशिनाथ घाणेकर, की भारलेला श्रोतृवर्ग आतुरतेने त्यांच्या प्रवेशाकडे डोळे लावून बसायचा. अशा या इहलोकातील गंधर्वावर त्यांचे मित्र डॉ. जावडेकर म्हणतात,

''अरे काशिनाथा, तुझ्याबद्दलचा नितान्त आदर व्यक्त करायला माझ्यापाशी शब्दच नाहीत. किती जण आले गेले, पण सारे हृदयाला बायपास करणारेच! माझ्या हृदयाला अंत:करणापासून हात घालणारा हार्टस्पेशालिस्ट कुणी भेटलाच नाही. तुझ्यासारखा तुझ्याखेरीज.....!''

पल्लवी वाकणकर
तृतीय (सगणक)

पहेलवानाची प्रेमक(व्य)था



''त्रेचाळीस किलो फक्त ?''

''हो, हो, तेवढंच''

''अरे, पुन्हा करू का ?''

''नको. तुझ्यासारख्या हडकुळया मुलाचं वजन त्रेचाळीस नाही तर काय त्रेसष्ट असेल ? खी खी खी'', इति मित्र.

माझ्यासारख्या (तरण्याबांड आणि देखण्या) मुलाचं वजन केवळ एवढंच असावं ह्यासारखं दुसरं दु:ख मला नव्हतं.

कॉलेजमध्ये हे तिसरं वर्ष. पण ह्या अशा तोळामासा प्रकृतीमुळे चांगल्या तर सोडाच पण अगदी 'ह्या' मुलीही आपल्याकडे बघत नाहीत, याची प्रखर जाणीव मला कार्डावरचे ते आकडे करून देत होते.

नाही ! आता निश्चय ! प्रखर निश्चय ! काहीही करून वजन वाढवणारच !

ह्या विचारांत अस्वस्वी रात्र जागवली आणि सकाळ होताच व्यायामशाळा शोधायला निघालो. प्रत्येक बाबतीत मित्रांचा सल्ला घेणासरा मी, आता तोंडघशी पडायचे नव्हते. दोन तीन ठिकाणी चौकशी केल्यावर शेवटी 'तळवलकरांच्या' व्यायामशाळेत जाण्याचे ठरवले.

पहिलाच दिवस ! भल्या पहाटे (?) सात वाजता उठलो. आंघोळ करून तयार झालो.

आई-बाबांना नमस्कार केला. देव्हाऱ्यातील मारूतीरायाच्या पाया पडलो आणि पुटपुटलो, ''भगवान, अब तू ही एक सहारा !''

'' हे बघ कार्ट्या, सातशे रूपये मोजले आहेत तुझ्या त्या जीमला. तेव्हा मध्येच जर सोडलास तर याद राख ! घरातले सगळं कॉम करून घेईन तुझ्याकडून !'' नमस्कार करायला गेल्यावर आई शिवाय दुसरं कोण असा आशीर्वाद देणार ? तरीही माझा निश्चय अढळ होता. ''आता हे टोक नाहीतर ते !'', असं म्हणत मी घर सोडलं.

पूर्वीच्या आखाड्यांच्या व्यायामशाळांत आणि आजकालच्यांत एवढा फरक पडला असेल, असं मला वाटलं नव्हतं. चकचकीत आरसे, वातानुकुलन यंत्र यामुळे चुकून हॉटेलमध्येच आलो की काय, असं क्षणभर वाटून गेलं. समोरच ''अरनॉल्डचा'' फोटो होता, त्यालाही नमस्कार केला. करायलाच पाहिजे ! त्याच्यासारखी माणसं म्हणजे जिवंत स्फूर्तिस्थानच !

शिक्षक आले. त्यांनी सूचना दयायला सुरूवात केली.

''हे बघ, आज पहिला दिवस आहे, तेव्हा जास्त वजनदार काही उचलू नकोस. ह्या छोट्या डंबेल्सपासून सुरूवात कर'' ''हं बरोबर आहे. चालू ठेव. मी आलोच ''

''व्वा ! एवढ्या दिवसांची वणवण सार्थकी लागली पण

अशी छोटी छोटी वजनं उचलून काय होणार ? मला तर वाटतं की मोठं वजन उचलून बघायल काहीच हरकत नाही....."

"अरे पण का ? तिने नकार दिला म्हणून काय असं करायचं ?" इति निश्चल-एक मित्र !

"कसं करायचं ?" मी घाबरत विचारलं.

"मी ऐकलं की तुला धवल बरोबरची खुन्नस काढायची आहे, म्हणून हे चाललंय." इति परेश - अजून एक मित्र!
"अरे प्युनने आयकार्ड घेतलं म्हणून इतकं मनावर घ्यायचं का ?"

"अय्या ! म्हणजे तू आता आजन्म ब्रह्मचारी रहाणार ?" आमच्या वर्गातिल्या एकमेव मुलीला , अर्चनाला शंकेची ऊ चावली.

वरील प्रश्नांची कशीबशी उत्तरे देत नाकी नऊ आलेल्या मला या शेवटच्या प्रश्नाने अगदी ह्याच्यात टाकले.

"मी आपलं केवळ वजन वाढावं ह्या शुद्ध हेतूने हे सुरू केलं होतं ह्या व्यतिरिक्त....."

" मग आधी नाही का सांगायचंस ? उगाच आमचा वेळ खाल्ला. "

"चालला मोठा जीम लावून पहेलवान व्हायला ."

ह्यासारख्या हेटाळणीयुक्त वाक्यांनी माझी बोळवण झाली.

पण, मी सुद्धा घाबरणाऱ्यांमधला नव्हतो ! व्यायाम करणार म्हणजे करणारच या हट्टालाच पेटलो होतो. एकदोन दिवसांच्या प्रयत्नांनी मात्र चित्र पालटलं आणि हळूहळू मला इतके सल्ले मिळायला लागले की, 'व्यायाम सोडतो पण सल्ले आवरा !' अशी स्थिती झाली.

"हे बघ बटाटा खा. बटाट्याने वजन नक्की वाढेल."

"छे ! उलट ह्याच्यासारखा गरगरीत बटाटा होशील ! खी खी खी. "

विनोद करायला हेमंतला क्षुल्लक कारणही पुरतं

"मी सांगतो, हेवी डाएटशिवाय पर्याय नाही." इति आदित्य.

(आदित्यचं वजन माझ्या निम्मं आहे पण, काय करणार? मित्र म्हटल्यावर ऐकावंच लागतं)

"येता - जाता काजू, बदाम खा. वजन दहा किलोने वाढलंच पाहिजे ! यावर आपण कोणाशीही पैज लावायला तयार आहोत." दादासाहेबशिवाय असे बोल कोणाचे असतील बरं ? सलग पंधरा पैजा हरूनसुद्धा ह्याची ही खोड कधी जाईल हे देवालाच ठाऊक.

"अरे , कायको सातसो रूपया खर्च किया ? इतने में तो तेरे घर आकर मैं तुझे सब कुछ सिखाता था !"

अस्सल गुजराथी डोकं म्हणतात ते हे.

"काय रे, मी ऐकलंय की उठाबशा काढल्याने उतरतात म्हणे ?" हे प्रकरण मला काही कळलं नाही.

या सगळ्या मतांच्या गलबल्यात मी या विषयात निपुण असलेल्या दोन मित्रांचा, सुदिप व इम्रान (अनुक्रमे 'बोरीवली श्री 'व 'विक्रोळी श्री') यांचा 'श्रध्दा व सबुरी ' हा सल्ला मानायचा ठरवला.

अशा या तपश्चर्येचं हळूहळू फळ मिळायला लागलं होतं. अगदी खाजगीत सांगायचं म्हणजे, येता-जाता दात काढणाऱ्या मुलीसुद्धा माझ्याकडे आदराने बघतात, हे माझ्या चाणाक्ष नजरेतून सुटलं नव्हतं.

"व्वा ! आर्मस् कडक व्हायला लागले आहेत,"मित्रांच्या अशा स्तुतीमुळे माझ्या अंगावर खरंच मूठभर मांस चढलं, हे मी मुळीच अमान्य करत नाही.

आणि, आणि आज तो दिवस उगवला. ज्याची मी इतके दिवस आतुरतेने वाट पहात होतो. जिच्यासाठभ केला हा सारा अट्टाहास तिने मला, हो हो तिनेच, मला चक्क 'रेड रोझ' पाठवलं होतं. मला आकाश ठेंगणं झालं होतं आणि स्वर्ग दा उरला होता. वाटत होतं, ती आणि मी फक्त, बाकी कुणीही नाही, चाललोय दूरदूर, एकत्र.....

"सलाईन लावावं लागेल का ? "

"नाही, पण प्लास्टर मात्र करावं लागणार आहे. नशीब डोक्याच्या ऐवजी हातावरच पडलं नाहीतर..."

डॉक्टरांच्या या शेवटच्या वाक्याने मला जाग आली. मी पुटपुटलो, "मी इथे कसा ? मला काय झालंय ?"

"पाच किलो उचलायला सांगितलं होतं तरी आगाऊपणा करून पन्नास किलो उचलल्यावर काय होणार आणखी?"बाबा कडालले.

म्हणजे एवढा वेळ मी मोडक्या हाताने, हॉस्पिटलच्या खाटेवर स्वप्न बघत होतो ? हाय रे देवा !

दोन महिन्यांची सक्तीची विश्रांती, हॉस्पिटलचं बिल, वाया गेलेली व्यायामशाळेची फी यामुळे शारीरिक नाही पण नायकाचं सामाजिक वजन बरंच घटलंय. पण मला त्याची पर्वा नाही. कारण म्हटलंच आहे ना, ! "कुछ पाने के लिए, 'बहुत ' कुछ खोना पडता है !"

कल्पेश वानखेडे
तृतीय (यांत्रिकी)

पूर्णविराम

मला जगायचंय, माणसांत राहायचंय,
जगण्यासाठी मला दाम हवा आहे.
दाम कमावण्यासाठी काम हवं आहे.

अन्न, वस्त्र मज निवारा हवा आहे
धर्मांधांत मशिद-मंदिरचा दावा आहे.

भुकेल्या पोरास एक घास हवा आहे
नि सत्ताधीशांना मोठा घास त्यावर हवा आहे.

धर्मी नि नि:धर्मीयांत कसला दावा आहे,
मतांसाठी सकळांचा इथे कावा आहे.

माझं पोट भरण्यांसाठी माझा दावा आहे,
तुमच्या धर्मयुद्धास, पूर्णविराम हवा आहे.

सुयोग ढाके
(तृतीय विद्युत)

स्वप्न

आजकाल मला तुझी खूप आठवण येते.
तू मला स्वप्नात घेऊन जाते
पण स्वप्नातपण तूझी मैत्रीण
तुझ्याबरोबर असते
खरं सांग मला
तू एकटी केव्हा असतेस?

इम्रान काझी
तृतीय (यांत्रिकी)

कविता

कवि होणं सोपं वाटतं
कविता करणं अवघड असतं
अनुभूती मनातून येते
सारं जग विसरायला लावते ॥

शब्दांच्या उर्मी उठतात
शब्दांशब्दांमधून फुले उमलतात
हळूहळू ती फुलवतात भावना
कविता तेथेच जन्माला येतात ॥

आनंदाचे तरंग उठतात
दु:खाचे अश्रू ढळतात
अंत:र्मनाचे पडसाद उमटतात
कविता तेथेच जन्म घेतात ॥

जे न देखे रवि
ते देखे कवि
दुसऱ्याचे मन जाणी
तो खरा कवी ॥

निशा
(S.E.C.)

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मेणबत्तीची ज्योत होऊन
प्रकाशकिरण वाटत रहावं
वरून जरी आटत असलो
तरी खालून साठत रहावं

चेतन ज.साळुंखे
व्दितिय वर्ष (माहिती तंत्रज्ञान)

''एकाकी''

एकटे पणाचं जगचं वेगळं असत ।
जेथे स्वत:शिवाय
दुसरं कोणीच नसतं ॥
माझं एकटेपण मात्र,
जगाच्या वेगळं आहे ।
तिथं थेंबाचं, ते छोटसं तळं आहे ॥

मागील श्रावणात, सगळीकडे खूप
मुसळधार पाऊस झाला ।
त्या असंख्य जलधारातून
फक्त दोन थेंब माझ्यासाठी सोडून गेला ॥

पहिल्यांदा वाटलं होतं,
काय करायचं या थेंबांचं ?
पाण्यासाररखं पाणी ते,
पाण्यातच मिसळायचं ॥

हळूहळू समजलं,
पाण्यापाण्यातही फरक असतो ।
म्हणूनच प्रत्येक थेंब
या थेंबासारखा नसतो ॥

या दोन थेंबांच्या संगतीत,
मी ही कधी थेंब झालो हे कळलंच नाही ।
त्यांच्या निरागस मैत्रीत, कधी चिंब भिजलो,
हे ही समजलंच नाही ॥

पण अशातच ह्या वर्षीचा श्रावण आला
माझ्या इवल्याश्या तळ्यातील,
दोन्ही थेंब परत घेवून गेला ।
माझ्या आर्त स्वरांकडे
त्याने वळूनही पाहिले नाही

कारण त्या शुष्क तळ्याकडे
पाहण्याचे धैर्य त्यालाही झाले नाही ।
तुला न्यायचेच होते,
तर देवून का गेलास ?
तुला तोडायचेच हाते, तर जोडून का गेलास ?
तुला वाटले असणार, की तू जिंकलास
पण वेडया प्रत्यक्षात मात्र तुच हरलास ।

कारण बरोबर नेतांना, तू तळ्यातलं फक्त
पाणीच घेऊन गेलास ।
त्या इवल्याश्या तळ्यातला,
ओलावा मात्र तसाच ठेवून गेलास ..... ॥

नितीन देशपांडे
अंतिम विद्युत.

प्रिय रे...

जेव्हा तुला पाहिलं, अगदी तेव्हापासून
प्रेम बसलंय तुझ्यावर
तुला गमावून बसेन की काय
हे ओझं होतं माझ्यावर
म्हणून तुला कधी विचारलं नाही
पण आज राहवत नाही
म्हणून सांगतोय
तुझ्या 'हा'ला माझी 'हा' आहे
तुझ्या 'ना 'ला पण माझी 'हा ' आहे
पण तुझ्या भावना कळणं
मला भाग आहे.

राहुल तळेले
(तृतीय वर्ष माहिती तंत्रज्ञान)

स्वतः

आपल्या आपण आपल्यासाठी
स्वत:च आभाळ बनवायचं असतं
आपणच आपलं स्वत:साठी
स्वत:चं जग उभारायचं असतं
शून्यातून विश्व निर्माण करायचं असतं
आपणच आपल्याला प्रसंगी सावरायचं असतं

दिपक पी. महाजन
अंतिम वर्ष (विद्युत)

"भितीची भिती"

भितीची भीती वाटण्यासारखं
त्या भितीत काय असतं
अघटित घडून जाईपर्यंतच
भितीचे प्रस्थ असतं

एकदा ते घडून गेलं की
भितीचं राज्य सरतं
मोडून पडलेलं माणसाचं मन
मग पुन्हा उभारी घेतं...

केदार पटवर्धन
अंतिम (यांत्रिकी)

ऐसी अक्षरें...

दिशा खुणविते अभियांत्रिकी मना
मग घेऊन भरारी साहित्य विश्वे
अंतरिच्या तरंगातूनी
सर्जनिकेच्या पानावरती
ऐसी अक्षरे उमटत जाती
ऐसी अक्षरे उमटत जाती....

नमिता उपारकर
तृतिय (स्थापत्य)

सार्थक

तुला बघून माझ्या प्रेमाच्या
पल्लवीत झाल्या आशा
नको अशी दूर जाऊ
होईल माझी निराशा

तुझ्याशिवाय नाही जगण्यात अर्थ
तुझ्यावाचून होईल जीवन माझे व्यर्थ
तुला माझे हृदय कळले तर
होईल माझी कविता सार्थ

राहूल बिजलपूरे
तृतीय (संगणक)

आयुष्यात माणसाला सगळं
काही मिळू शकतं
फक्त मिळण्याची वेळ तेवढी
साधावी लागते

oooooooooooooooooooooooooooo

अरवेर हे सगळं घडतं
केवळ आपण काही शिकण्यासाठी
आपण मात्र शिकत असतो
पुन: पुन: चुकण्यासाठी

विशाल भुजबळे

तू नाही आलीस !

चांदण्यांच्या राशीला
चांदकिरणांत भिजतांना
आठवण तुझी आली, पण
तू नव्हतीस गं आली.

पापण्यांतील स्वप्नांना
नवा जन्म पुन्हा देताना
श्वास गहिवरला माझा, अन्
आठवण तुझी आली- पण -

लवलवत्या पालवीस
उराशी धरताना, मनात साठवताना
अलगद् जाणवला स्पर्श तूझा अन्
आठवण तुझी आली पण -

पाटवरांचे शब्द नि वाऱ्याचे मंजुळ गाणे
कंठात गं दाटताना
तुझ्या मधुर स्वरांची आठवण
मज आली पण -

फुलपाखरांचे रंग नि
निसर्गाची निस्सिम चित्रकला
डोळ्यांत ग साठवताना, साजिरी गोजिरी
मूर्ती तूझी आठवली अन्

आजच्या या क्षणी प्रिये,
जातोयं ग दूर सखे -
पापणी आज ओलावते कारण
राहून राहून आठवण तूझी आली
पण तू मात्र नाहीस ग आली !
नाहीस गं आली !!!!

अनंत रूबदे
तृतिय(यांत्रिकी)

'निरोप'

कसा निरोप घेऊ तुझा,
हसत हसत की रडत रडत ?
Freshies Welcome to B.E.Farewell

एकनिष्ठ राहिली ती तुझीच साथ
सांग कशी सोडू ती संगत
आज चार वर्षानंतर ?

पण... जावं तर लागेलच ना,
सोडून माझ्या S.P. ला
कारण 'फायनल सबमिशन' पूर्ण झालंय

या वास्तूच्या चार भिंतीत
सही अन् शिक्क्यानिशी ।
आता निरोप घ्यावाच लागेल
लपवत आसू दाखवत हासू
मनात साठवत आठवणी..... !

कु.योगीता वाजे आणि कु.प्रणिता बेर्डे
अंतिम (स्थापत्य)

दुःखद निधन



श्री. चक्रधर देशपांडे

श्री. चक्रधर देशपांडे यांच्या अकाली निधनाने अभियांत्रिकी विभागातील एक ज्येष्ठ कर्मचारी गेल्याने सर्वांनाच धक्का बसला असून त्यांच्या निधनाने एक मनमिळाऊ व सतत सर्वांसोबत हसत खेळत रहाणारा मित्र गेल्याची हळहळ मनात राहून गेली.

त्यांच्या आत्म्यास शांती लाभो हीच परमेश्वर चरणी प्रार्थना.

संपादकाच्या मुखवट्यातून...

' दूरून डोंगर साजरे ', 'जावे त्याच्या वंशा तेव्हा कळे ', असं का म्हणतात त्याचा मला प्रत्यय येऊ लागला आहे. तुम्ही म्हणाल ही एकदम तत्त्वज्ञानात का शिरली ? त्याचं काय आहे संपादकाची कवचकुंडलं धारण केली आहेत त्यामुळे शब्दांमध्ये ओजस्विता , तेजस्विता आलीच पाहिजे नाही का ? मी एरवाद्या नावडत्यां लेखाबद्दल म्हटलं असतं ''किती पकाऊ आहे'' परंतु आता परिस्थिती पार बदलली आहे बरं का मित्रांनो ! आता, तुझ्या साहित्याबद्दल आत्मीयता असूनही त्यात परिपक्वता न आढळल्यामुळे आम्हाला फेरविचार करावा लागलोय असं पुलंच्या सखाराम गटणेसारखं पुस्तकी बोलावं लागतंय.

त्याचं काय आहे अभ्यासाचे दोन महिने सोडले तर आपल्या Engg. कॉलेजचं रूपांतर Acting School मध्ये झालेलं असतं. Freshies Welcome,निर्माण, techno, Space, Rose day, भावस्पंदन सतत चालूच असल्यामुळे कलाकाराचा सुळसुळाट तर झालेलाच असतो. मला आता मराठी विभाग संपादक झाल्याची स्वप्नं पडू लागली होती. मला काय माहित माझ्यासारखी आणखी बरीच जणं मराठी साहित्याची सेवा करायला उत्सुक होती. आता एवढा प्रचंड प्रतिसाद मिळाल्यामुळे कुणाची निवड करावी संपादक पदासाठी असा गहन प्रश्न सरांना भेडसावू लागला (शिवाय आम्ही होतकरू उमेदवारही त्यांना अधूनमधून भेडसावू लागलो.) आता S.P.C.E. म्हटलं म्हणजे आम्हाला ज्यात त्यात नाक खुपसायची सवय ! तीन दिवसात पन्नास एक लोकानी तरी मला विचारलं '' कुणाची निवड झाली ?'' काहींनी सहज (शत्रुपक्षापैकी काहींनी खोचकपणे !) माझ्या मित्रवर्गाने तर '' अहो संपादिकामहाशय ''अशी सरळसरळ ताणायलाच सुरूवात केली. ताण दिवसेंदिवस असह्य होत होता. अखेर अपघाताने का होईना पण माझं स्वप्न पूर्ण झालं.

त्या दिवशी College मध्ये सिंहासारखी होते हिंडत मुलंसुद्धा माझ्याकडे आदरपूर्वक होती बघत असं पाडगावकरांना स्मरून म्हणावसं वाटलं.

मंदार म्हात्रे, सिद्धाय साईकर ह्या माझ्या सहकाऱ्यांबरोबर विद्यार्थ्यांना लिखाणासाठी उद्युक्त करणारी कविता वगैरे करायला बसलो. आणि अहो आश्चर्यम ! दोन तीन दिवसातच आम्हाला भरघोस प्रतिसाद मिळाला. प्रेमकवितांचा महापूर आला. त्यात प्रेमभंगाच्या कविता अधिक त्यामुळे दु:ख अनावर होऊन, उद्वीग्न मन:स्थितीत लिहिलेल्या कविता समजून घेताना इतके वैतागलो की आता एखादा देवदास भेटला तर ''बाबारे , आम्ही या विषयातल्या पारंगत मंडळीकडून तुला मोफत सल्ला देण्याची व्यवस्था करू परंतु कृपा करून दर्दभऱ्या कविता दिशांसाठी देऊ नकोस.'' असं म्हणण्याचा ठराव सर्वानुमते पास झाला Engg.ला वेळीच मुलींना आरक्षण दिलं असतं तर ही वेळ आली नसती असा साक्षात्कारही अलिकडे आम्हाला होऊ लागला.त्यात रोझ डे ' मनासारखा ' न झाल्यामुळे आता 'मार्ग दाखवणारी' फक्त 'दिशाच ' अशा आवेशातला कविवर्याशी सुद्धा आमची गाठ पडली. '' माझी कविता आवडली का ? '' असे उत्सुक प्रश्न तर होतेच परंतु ''नाही छापल्यास माझ्या कविता तर माझ्याशी गाठ आहे '' अशी धमकी ऐकून धडकीच भरली. एखादा महत्त्वाचा दस्तऐवज जपावा तसं आम्ही निवडक साहित्य सरांच्या कपाटात ठेऊ लागलो. काय निवडलं, काय निवडलं नाही याबाबत कमालीची गुप्तता पाळण्यात आली कारण ह्यातलं काही जरी बाहेर कळलं असतं तर आम्ही तिघांची धुलाई नक्कीच होती. नाही म्हणायला '' माझा लेख छापल्यास तर वृंदावन मध्ये पार्टी देईन ''अशी गोड आमिषंही ' दिशाभूल' करत होतीच.

ह्या अशा अचानक आलेल्या महत्त्वामुळे चेहरा उगाचच गंभीर ठेवण्याची, समंजसपणाचा आव आणण्याची आणि आपण फार कामात आहोत असं नाटकी वागण्याची कला हळूहळू मला जमू लागली.

त्यामुळे एक बरं झालं माझा शत्रुपक्षही मला दचकून राहू लागला. लेक्चर्सना उशीर झाला तर (हल्ली) खर्र कारण देता येऊ लागलं. वर्गातली मुलं आणि (कधी नव्हे ते) प्राध्यापकही आस्थेने चौकशी करू लागले. एकूण काय भाव सॉलीड बढ गया !

अचानक विद्यार्थ्यांची प्रतिभा उफाळून आल्यामुळे आमचं काम वाढत होतं, ऱ्हस्वदीर्घाच्या चुका भरपूर सापडत होत्या. शेवटी शेवटी तर ' एकतर त्यांच्या तरी चुका दुरूस्त होतील किंवा आमचं तरी शुद्धलेखन अशुद्ध होऊ जाईल' अशी परिस्थिती निर्माण झाली. धमक्यांच्या रोज नवीन बातम्यांमुळे झोपच उडाली होती आणि यदाकदाचित झोप लागलीच तर आम्ही प्रेमकवितांच्या महापुरात बुडतोय किंवा प्रेमवीरांचे संदेश पाठवणारी कबुतरं झालोय किंवा कालिदासाच्या मेघदूतामधला ढग झालोय अशी भयानक स्वप्नं पडू लागली.

आमच्याकडे येणाऱ्या कवितांचे प्रत्येक वेळी वेगळे अर्थ निघायचे त्यामुळे 'भावी थोर साहित्यिकांचं' लिखाण आमच्या डोळ्यासमोरून गेलंय याची धन्यता मानावी की '' भल्या माणसा , तुला काय बरं म्हणावचंय इथ ? '' असं विचारावं असा प्रश्न पडायचा. शिवाय जे लेख बऱ्यापैकी वाटले ते एखाद्या लेखकाच्या साहित्यावर फारच 'प्रभावित' होऊन तसेच्या तसे तर उचलले नाहीत ना ते शोधण्याचा केविलवाणा प्रयत्नही करावा लागला तरीही पुरेसे लेख नव्हतेच त्यामुळे तथाकथित (?) (ज्यांची किर्ती S.P.C.E. भर पसरली आहे) अशा लेखकांच्या मागे धावण्यात लेक्चर्स बुडायला लागली. अभ्यासाचा बऱ्यापैकी बट्ट्याबोळ व्हायला लागला होता. रोज घरी पोहोचायला उशीर. शिवाय वाढता ताण, ह्यामुळे '' सगळी प्रकरणं संपवून अभ्यासाला हात कधी लावणार आहेस ते फक्त सांग'' असं मातुश्रीबाईसाहेब अधूनमधून विचारू (?) लागल्या. '' जया अंगी मोठेपण। तया यातना कठिण ॥ '' श्री समर्थांची आज्ञा शिरसावंद्य मानून मी सर्व अडचणींकडे दुर्लक्ष केलं आणि एखाद्या व्रतस्थासारखं साहित्याच्या सेवेत स्वत:ला झोकून दिलं.

दिवसेंदिवस दिशा आकाराला येऊ लागलं. मांडणी, Proof Reading, विभागाचं नांव, हास्यचित्र, अशा प्रकाशनासाठी आवश्यक-बाबींची पूर्तता करता करता निवडक साहित्याला अजूनच कात्री लावावी लागली. सगळे सोपस्कार पूर्ण करून दिशा छपाईसाठी गेलं. आणि माझ्या हातात फक्त अप्रकाशित साहित्य राहिलं. मी हळूवारपणे त्या फाईलवर हात फिरवला. ती उघडण्याचं धैर्य मात्र मला नव्हतं. ज्या मुलांचं साहित्य निवडलं गेलं नाही त्यांचे हिरमुसले चेहेरे मला दिसायला लागले. मन हळूच भूतकाळतात शिरलं. माझा लेख दिशासाठी पहिल्या वर्षी स्वीकारला नव्हता तेव्हाची मीच मला ह्या चेहऱ्यांमध्ये दिसायला लागले. प्रत्येकाची कल्पना वेगळी असू शकते. आविष्काराची शैलीसुद्धा वेगळी असू शकते. त्याला वाईट म्हणणारे आपण कोण? खूप वाईट वाटलं परंतु निवड करण्याचं वाईट काम कुणालातरी करावंच लागणार असं म्हणून मी स्वत:चं समाधान करून घेतलं.

ह्या लेखात मी जरी गमतीने लिहिलं असलं तरी संपादक झाल्यामुळे माझ्यात खरोखरच अमुलाग्र बदल झाला. जबाबदारीने आणि नेटाने काम करण्याची सवय लागली. आम्ही तीन संपादक अधिक दोन प्राध्यापक अशी आमची निवडक समिती असल्यामुळे सर्वांशी जुळवून घेऊन उत्तम साहित्याचे निकष लावताना प्रगल्भता आली. पटकन मनात येईल ते न बोलता शक्यतो शांतपणे आपलं म्हणणं मांडू लागले. त्यामूळे बऱ्याच जणांनी आम्हाला पडद्याआडून मदत केली उत्तमोत्तम साहित्य वाचतांना आपण किती पाण्यात आहेत ह्याचासुद्धा साक्षात्कार झाला. शेवटी अभियांत्रिकी महाविद्यालयात शिकत असूनही माय मराठीसाठी काही करता आलं ह्याचं समाधान मात्र सगळ्या त्रासांपेक्षा मोठं होतं.

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"संपादकीय"

उड़ान

जब पक्षी का बच्चा अपने से बड़ों को उडते हुए देखता है तब उसके भी हृदय में 'उड़ान' की आशा का दीप जलता है। उसे भी आसमान को चिरकर आँखें मुँदे गर्वसे उडने की ख्वाईश होती है।

पर यह सब इतना आसान नहीं होता । शुरुआत में कई गतिरोधों का सामना करना होता है। परंतु मन में सुदृढ़ निश्चय हो, एक सच्ची उम्मीद की मशाल हो, तो मुश्किलें भी आसान लगती है।

किंतु वह 'उड़ान' ही क्या जो सही दिशा में न हो। सही 'दिशा' ही उसे सार्थक बनाती है। दिशा ही उसे एक रंगमंच देती है जहाँ वह अपनी 'उड़ान' की कला का प्रदर्शन करता है।

मुझे खुशी है कि हमने हिंदी के सभी इंद्रधनुषी रंगो को समेटने का प्रयत्न किया है। किसीने 'स्पेस' को एक डॉक्टर की पदवी दी है तो कोई डेमोक्रेसी पर तीखे व्यंग करता है। आज की युवा पीढ़ी अपने देश की दैनिक परिस्थिती के बारे में काफी चिंतित लगती है और ये विचार उन्होंने काफी खूबी से प्रकट किया है। उम्मीद है आपको 'उड़ान' का यह अंक पसंद आयेगा।

अंतत: मैं उन सभी का आभारी हूँ जिन्होंने अपनी रचनाओं से इस संस्करण को सजाया है और इसी के साथ मैं दिशा २००२ का यह अंक आपके सामने प्रस्तुत करता हूँ।

जिस तरह SPACE S.P.C.E. के लिए
जरूरी है ,
हर एक उड़ान 'दिशा' के बिना
अधूरी है।

समेटकर लब्जों में
सारी रंगीन यादें;
सजा एक इंद्रधनु
साहित्य की दिशा में।

करता हूँ पेश-ए-खिदमत
वही प्रयास वही ख्वाब;
अभियांत्रिकी की दिशा में
यह एक नयी उड़ान।

नितीन त्रिवेदी
(T.E. Electrical)

''डेमोक्रेसी''

एक साहब सुबह-सुबह कुछ सकुचाये
कुछ शमये -
अपने पी.ए.से पुछे –
ये डेमोक्रेसी क्या होती है ?
पी.ए.ने बोला, साहब,
जहाँ जनता से जनता के लिए
जनता की ऐसी की तैसी की जाती है
उसे डेमोक्रेसी कहते है।
मैं यह उत्तर सुनकर घबराया।
तुरन्त गया मंदिर में, बोला पंडितजी
ये डेमोक्रेसी क्या होती है ?
उसने जवाब दिया मंदिर में भगवान को
जहाँ सबसे महँगा प्रसाद चढ़ाया जाता है,
उसे डेमोक्रेसी कहते है ।
मुझे संतोष नहीं हुआ ।
तुरन्त वहाँ से निकलकर मैं गया
दुकानदार के पास,
बोला सेठजी, ये डेमोक्रेसी क्या होती है ?
उसने बोला, देशी घी में डालडा का,
निरमा में नमक का, जो मिलावट करते है ,
उसे डेमोक्रेसी कहते है ।
मैं तुरन्त वहाँ से चल दिया ।
गया हर्षद मेहता के पास बोला,
ओ यार, मुझे डेमोक्रेसी बताना ।
उसने कहा, पल भर का यह काम है ,
नहीं घंटो का सवाल है ,
एक बड़ी अटैची में एक करोड रूपये
रखकर दिखाना ही डेमोक्रेसी है ।
वहाँ से निकलकर मैं गया अपने लालू प्रसाद यादव के पास
और कहाँ
मुझे डेमोक्रेसी बताओ ना,
उन्होने बोला, रिमोट कंट्रोल हाथ में लेकर,
दिनभर चैनल बदलना ही डेमोक्रेसी है ।
मुझे लगा कि यह सही उत्तर नहीं है ।
फिर तो मैं पहुँचा डॉक्टर साहब के पास,
बोला, डॉक्टर-डॉक्टर , मुझे डेमोक्रेसी बताओ ना,
उसने कहा पेशंट का ऐसा ट्रिटमेंट करने का,
ऐसा ट्रिटमेंट करने का कि पोस्ट मार्टम की भी जरूरत ना पडें,
उसे डेमोक्रेसी कहते है ।
वहाँ से निराश होकर मै घर लौट रहा था,
कि रास्ते में मिल गये, मुसद्दी लाल,
उनसे भी किया वही सवाल, उसने बोला,
जब दफ्तर की फटकार और
बीवी की मार, कर देती है बेहाल,
तब मैं लोगों से यह नहीं कहता कि
मेरी ऐसी की तैसी हो गयी है,
तब मैं कहता हूँ मेरी डेमोक्रेसी हो गयी है ।
धन्यवाद

मौनिक धारिया
S.E.Comp

दोस्ती

फूलों सी महकती, खुशबू बिखेरती,
खूबसूरत रिश्तों की मिसाल है दोस्ती ।

मोहौब्बत भी है, शरारत भी है,
चाहत का ही एक नाम है दोस्ती ।

पंछियों सी आजाद, इरादों सी बुलंद,
गगन को चूमती उड़ान हैं दोस्ती ।

एक प्यारा अहसास, हर धड़कन की आवाज,
टूटे दिलों का सहारा है दोस्ती ।

सपनों में है, अरमानों में है,
दिलों का जोडता तार है दोस्ती ।

सच्ची है ये, उज्ज्वल भी है,
चेहरों पर मुस्कान लाती है दोस्ती ।

सुरों में ताल, जीवन के साज,
विरान दिलों में रौशन दिपक है दोस्ती ।

दिवानगी भी है, जुनून भी है,
जीवन का सारा सार है दोस्ती ।

मानसी भटनागर
F.E. ELECTRONICS
DIV 'A'

एक इसी सोच में....

कितना हसीन वह लम्हा होता
कि एकबार भी गलती से सही
कहते वा आकर हमसे
आपकी चाहत सर-आँखोंपर।
हो गयी है आजसे ये मुस्कुराहट आपकी।
पर शायद गुमान है उन्हें
के हमने कुछ माँगा उनसे।
और इसलिये बन बैठे है वो अनजा हमसे ।
सच ही तो बात है ना
क्या सोचते है हम
और क्या पाते है हम
पर बित जाता है वक्त
एक इसी सोच में
के कितना हसीन वो लम्हा होता.....।

कु.नमिता उपारकर
(T.E.CIVIL)

'स्पेस' की कहानी

विशेष संवाददाता, भवंस टाईम्स
१० फरवरी

कहते है,
''बागों में बहार है,
कलियों में निखार है
भौरों पर मुस्कान है,
आया निराला वसंत है ।''

उपरोक्त कहानी SPCE छात्र की ज़बानी
''मन में उमंग है,
तन में तरंग है,
दिल में उल्लास है,
आया हमारा स्पेस है।''

जी हाँ, वसंत के आगमन के साथ ही SPCE का वातावरण ''स्पेस्मय''हो चला है। १९ साल का स्वर्ण इतिहास अपने अतीत में समेटे हुये यह सालाना सांस्कृतिक महोत्सव एक बार फिर आपके होश उडाने आ चुका है।

वेलंटाईन डे के पावन पर्व पर शुरू हो रहा स्पेस लाया है आपके लिए ४ लाख से भी ज्यादा के ईनाम औस साथ ही १००% धूम - धड़ाका और मौज - मस्ती। शायद यही कारण है कि न केवल मुंबई ही नहीं, पुने का भी हर एक छात्र 'स्पेस' का बेसब्री से इंतजार कर रहा है। इसके बावजूद, बहुत ही कम लोगों को पता है कि यह 'जलसा' एक गज़ब का डॉक्टर भी है - जी हाँ डॉक्टर।

जिन्हें 'दिल की बिमारी' है, वे 'वेलंटाईन स्पेशल' 'बॉल रूम डान्स', ' डिस्को 'जैसे नुस्खे अपना सकते है।

जिन लोगों को ' बिट्स एवं बाईट्स 'की बिमारी है, वे 'टेक ज़ोन' मे अपना इलाज करवा सकते है।

जिन लोगों को 'बक बक' करने की बिमारी हो, तो 'ओरेटरी ज़ोन' उनकी विशेष देखभाल करेगा।

'गले के मरिजों ' के लिए' म्युज़िकल ज़ोन' बड़े ही काम की चीज है।

दिमागी तौर पर अस्थिर लोग ' लिटररी ज़ोन' में अपनी जाँच करवा सकते है।

जो लोग कसरत करना चाहें, वे डांस ज़ोन में अपनी मनोकामना पूरी कर सकते हैं।

और हाँ, जो कुछ न करने जैसी बिमारियों से पीड़ित है, उनके लिए 'कंप्युटर गेम्स', 'इंटरनेट सर्फिंग', 'कार्निवल विलेज ' तो संजिवनी का काम करेंगे।

कही देखा है ऐसा 'ऑल-राऊंडर' ?

कही देखा है ऐसा 'ATM' (ऑल टाईम मस्ती) सेंटर?

तो फिर खबरदार, होशियार हो जाइए तैयार।

जो भी आया ' स्पेस ' में एक बार
कहता यही बार - बार
क्यो आता है ' स्पेस '
साल में केवल एक बार।

नितिन अग्रवाल
T.E. (COMP)

अब जीत मेरी है।

जो कुछ कल खोया था
उसे फिर से पाना है
नये मंज़िल की तलाश में
मुझे निकल पडना है ।
गम के अँगारो से निकलकर
खुशी के शबनम में झुमना है,
कामयाबी के सितारों को
मुझे छु-कर दिखाना है ।
ज़िंदगी के इम्तिहान में
मुझे सफल होना है
हारी बाज़ी को जीतकर
सिकंदर मुझे बनना है ।
आत्मविश्वास की रचकर नींव
निर्भय मुझे होना है,
एक एक करते करते
कदम आगे बढ़ाने है ।
अब जीत के पवन में
मन को मेरे लहराना हैं
कामयाबी के शिखर पर मुझे चढ़कर जाना है,
दिल के हर ख्वाब को
सच कर दिखाना है
अब मुझे जीना है
जीत की उम्मीद में
बनकर एक प्रेरणा
एक अमित चेतना ।

कु. नमिता उपारकर
(T.E.CIVIL)

"यह ही तो हमें जीना सिखाती हैं"

कभी कभी हम हार जाते हैं, टूट जाते हैं
मानो ज़िन्दगी से ही रूठ जाते है ।
हर तरफ अन्धेरा और साँस बोझिल लगती है।
मन में ज़िन्दगी का साथ छोडने का ख्याल होता है
पल दिन आँखों में आँसू , दिल में मलाल होता है।
धिरे -धिरे वक्त का मरहम घावों को भर देता है धिरे -धिरे मानो जादू कर देता है ।
ये दु:ख की घडियाँ मात्र यादें बन जाती है,
अनुभव कहलाती है ।
यह ही तो हमें जीना सिखाती है ।

अवनिश कुमार तिवारी
(T.E. Civil)

कोई नहीं सिवा तुम्हारे...

आँखों में उदासी अचानक भर आई,
आज वो शाम फिर याद आई ।
मोहौब्बत के पल वो भी अजीब थे,
दिल तब हमारे कितने करीब थे....
खिलखिलाती थी कलियाँ, मधुबन में बहार थी,
तितलियाँ तब गीत सुनाती हजार थी।
नज़रों से तुमने कही थी कुछ बातें,
याद हैं मुझे आज भी वो बरसातें....
बिजली की कडकडाहट, और तुम्हारा वो साथ,
वो पहली बार जब तुमने लिया हाथों में मेरा हाथ....
फिर आए तूफान, बिखरा आशियाना,
यू रूठे तुम हमसे, हम भूल गए मुस्कुराना ।
तुमने एक बार मुडकर भी न देखा,
न खामोशी सुनी हमारी, न आँखों में कभी झाँका ।
हम आज वही खडे है, साथ इंतजार,
ये दिल न कभी भुला पाया वो प्यार ।
अब तो बस यादें हैं उस शाम की पास हमारे,
ये दिल न चाह पाया, किसी को सिवा तुम्हारे ।

मानसी भटनागर
(F.E.ELECTRONICS) DIV 'A'

।। एक सपना ।।

कहा जाता है कि आई.आई.टी का हर छात्र एक सपना देखता है - अमरिका। पर अब ऐसा नहीं है। भारत के विभिन्न इंजिनियरिंग कॉलेजों के छात्र भी अब यह सपना कुछ सालों से देख रहे है। अमरिका की चका-चौंद हर एक को आकर्षित करती है।

जैसे-जैसे आप अपने तृतिय वर्ष में प्रवेश करते है आपको मात्र एक परिक्षा देना का ख्याल आता है। वह है जी आर ई। इसी परिक्षा में पाये गये अंकों के आधार पर आपको अमरिका जाने का अवसर मिलता है। अमरिकी विश्वविद्यालयों में भारतीय छात्रों की मानो जैसे बाढ़ सी आ गयी है। समय आ गया है कि अब हम इस सपने पर विचार करें।

क्या हमारा देश इतना गया गुज़रा हुआ है कि उसके पुत्र उसे छोड़ने पर उतावले हो रहे है ? माना कि भारत में सबको आराम - तलब जिंदगी नही मिलती पर क्या यहाँ जीना इतना कठिन है। विश्व भर में भारत के वैज्ञानिकों की प्रसिद्धता फैली हुई है । विज्ञान और अन्य तकनिकी क्षेत्रों में भारत का नाम बड़े सम्मान से लिया जाता है। एक तरफ जहाँ हमे दुनियावाले इतने सम्मान देते हैं वही दूसरी तरफ हमारा व्यंग करते है।

अमरिका में भारतीयों को 'चीप लेबर' कहा जाता है। सच है जो अपनी जन्मभूमी छोड़कर जाता है उसे बाहर कभी सम्मान नहीं मिलता। आतंकवादी हमलों के बाद विदेशियों को वहाँ घृणा से देखा जाता है।

हमारे ही कई सिनियरों के ई-मेल के ज़रिये यह बात साफ हो जाती है । आर्थिक मंदी के कारण वहाँ रोज़गार मिलना बहुत कठिन हो गया है। हम वहाँ जाने के लिए इतनी जी-तोड मेहनत करते है पर क्या इसलिए कि वहाँ जाकर हमें बेरोज़गार होना पडे। कई भारतीय युवक अब वापस भारत आ रहे है।

इन सभी बातों को ध्यान में रखकर ही हमें इस सपने को पूरा करने को सोचना चाहिये । यही मेहनत हम यदि अपनी सेमिस्टर परिक्षाओं में करें तो उसका फल और भी मीठा होगा।

उस शिक्षा का अर्थ ही क्या है जो अपनी जन्मभूमि के काम ना आये। तो, आओ मेरे साथियों हमें यह दृढ संकल्प करना है कि भारत को हम एक उज्वल भविष्य तथा सुनहरे सपने की तरह सजायें।

जय हिंद।

सौरभ गुप्ता
(B.E. ELECTRICAL)

कोई विकल्प है ?

छोड़ गया बाप, छोड़ गई माँ,
और छुटी लुगाई ।
क्योंकि, खर्चा है बारह आना
और चवन्नी है कमाई ।
खाने को रोटी नहीं, अब सपना बनी मलाई ।
दिमक की भाँती सब चाट गई, मेरी सौतन महँगाई ।
नाम में वजन है, काम में वजन है ,
यदि पास है तेरे पैसा ।
हर दफ्तर में हर अफसर, काम करता कुछ ऐसा ।
घुस वो माँगे मुँह खोलकर, पैसा खुब कमाए ।
देखकर शायद उसको हर्षद मेहता शर्माए ।
राजनीति की मैं क्या फरमाऊ,
घोटाले पर घोटाला है ।
हर पाँच बरस पर आता, एक पैसा खानेवाला है ।
डाकू थे जो कल, नेता वो आज हमारे है ।
सबकुछ लुट हमारा, कहते है हम तुम्हारे है ।
क्या यह वही भारत है,
जिसे गाँधी ने सँवार छोड़ा था ।
सुभाष ने लहू बहा,
परतंत्रता की बेड़ियों को तोड़ा था ।
आशा है कि भारतीय होने पर,
यह पीढ़ी अपना कर्तव्य निभाएँगी ।
पुन: हिंदुस्तान सोने की चिड़ियाँ होगी ।
और समृद्धि अपने द्वार आएगी ।

अवनिश कुमार तिवारी
(T.E.CIVIL)

ख्बाव हो तूम या कोई पहेली

ख्बाव हो तूम या कोई पहेली ।
ख्बाव हो तूम या कोई पहेली ।
हकीकत हो, छलावा हो,
या हो कोई खुबसूरत कली
तन है सुंदर, मन है कोमल,
आँखें मृगनैनी
चाल मोरनी, बोली कोयली ।
कौन हो तूम, क्या हो तूम
मुझको बता दो
और सुलझा दो ये प्यारी सी पहेली ।
ख्बाव हो तूम या कोई पहेली ।

अमित (F.E. Elec.)

मेरे साथ, मेरे पास ।

जब बादल कोई गरजे, जब बिजली कोई कड़के ,
जब आहट कोई हो कहीं आस-पास
लगता है तुम हो, मेरे साथ, मेरे पास ।
जीवन में तन्हाई का अँधेरा है छाया ,
सब छिन गया मुझसे, जो भी मैंने पाया,
हर कदम साथ चलता है जैसे गम का साया,
फिर भी पल-पल होता है अहसास,
तुम यही कही हो, मेरे साथ, मेरे पास ।
आँचल में खुशियों के मोती पिरोने,
चली मैं दिवानी, सपनों को संजोने,
लंबा है सफर, मुश्किल है डगर,
कोई तो बने मेरा हमसफर,
पुकारे हर साँस, वही हमराज,
कभी तो तुम होगे, मेरे साथ, मेरे पास ।

मानसी भटनागर
F.E.ELECTRONICS, DIV - A

यार

ख़ुदा एक एहसान कर मुझपर
दे मेरे यार के लिये एक ताजमहल....
त न ठहरा, न हीं रूका यह कारवाँ
द तो वह अल्विदा कहने आया है,
ब तक न खुली है जुबाँ.
ल्ली के लिये कभी सन्नाटे से ही बाते किया करते थे,
को ही करीब पाकर, पत्थर को ही गले लगाते थे
न गुजरे, दिन गुजरे, सालों बीत गये,
चा था उसका शहर रोशन कर दूँ
हाँ था चिराग, हम खुदही जलकर अँधेरा हुए

ख़ुदा एक एहसान कर मुझपर,
इस कलमसे जो खत लिखे थे, जला दे उनको,
जिंदगी बची है जितनी, यह ले वापस उसको,
चाहे तो हर जुर्म ढ़ाकर मुझपे, मिटा दे मुझको,
जिंदगी मेरे यार की मगर, जन्नत बनादे,
मेरे यार के लिए, ताजमहल बनो दे.....

सागर मिस्त्री
B.E.(Mech)

अजनबी

कभी कभी जीवन के सफर में,
दो अजनबी मिलते है।
बाते करते है, और
एक दुजे के आँखों में,
समा जाते है।
लेकिन वे अपने प्यार का
इजहार नहीं कर पातें।
क्यों कि वे अजनबी है।.....

अमित जंगम
(S.E.CIVIL)

नाम

'प्यार' कोई खेल नहीं
यह तो 'दिल्लगी 'है।.
दिल एक 'खूबसूरत'
'आशियाना 'है।
'दिल क्या करें' जब
'प्यार किसीसे होता है'।
'वास्तव' में प्यार तो
दो दिलों का' मेला' है।
दिल किसीका 'गुलाम' नहीं
हमारा' मन' यही कहता है।
'दिल' और' हम साथ साथ है',
'प्यार में कभी कभी'
हम भी 'मस्त' होते है।
यहाँ कोई 'गैर 'नहीं
दिल तो हमारा 'बादशाह' है।
'प्यार कभी झुकता नहीं'
वह तो 'नीलकमल 'की तरह है।
अगर यकीन न हो 'मेरे हुजूर'
'चुपके चुपके' हम तुमपे मरते है।
'पहला पहला प्यार' तो 'डर' किस बात का,
'जो जीता वही सिकंदर '।
लेकिन 'अकेले हम अकेले तुम'
इस बात का 'खुदागवाह' है।
सच्चे 'दिल से' कहो
'होगी प्यार की जीत '।

पवनकुमार बाधे
F.E. DIV 'A' (Comps)

सृजन और प्रलय

''हम एक हाथ में सृजन और दुसरे में प्रलय लिये चलते हैं'' - भारत एवं भारतीयों के विषय में ये पंक्तियाँ हमारे देश की राजनीति एवं कार्यपालिका के शिखर पर बैठे एक व्यक्ति ने कई वर्ष पहले लिखीं थी।

पिछले दिनों गुजरात में हुई घटनाओं ने इन पंक्तियों को बिल्कुल उपयुक्त सिद्ध कर दिया। कभी यह प्रदेश भारत के स्वतंत्रता आंदोलन की धुरी हुआ करता था। किंतु तब से अब तक गंगा में काफी पानी बह चुका है, और अब यह प्रदेश सांप्रदायिकता और कट्टरवाद का केंद्र बन कर उभरा है।

एक तरफ विश्व आज हमें एक आतंकवाद विरोधी, सभ्य समाज और उभरती हुई शक्ति के रूप में देख रहा है, और हम अपनी सभ्यता का एक विकराल रूप प्रस्तुत कर रहें है। गाँधी जैसे अहिंसक सेनानी और सरदार पटेल जैसे लोह-पुरूष पैदा करनेवाले गुजरात में कुछ उपद्रवियों ने पहले यात्री ट्रेन जलायी और उसके जवाब में दुसरों ने पूरे गुजरात को जलाया। पचास वर्षो में हम केवल धर्मनिरपेक्षता की कोरी गाथा गाने में सफल रहे है, किंतु आज भी हमें प्रत्येक समुदाय के महत्वपूर्ण त्योहारों को पुलिस बंदोबस्त के बीच में मनाते है। आखिर हमसे कहाँ गलती हुई जिसकी हम आज इतनी बड़ी किमत चुका रहे है।

प्रजातंत्र में हर किसी को अपनी बात कहने का अधिकार है। इसी अधिकार का कुछ लोग दुरूपयोग कर जन-भावनाओं को भडकातें है। कोई अल्पसंख्यक समुदाय के लोगों के विरूद्ध भडकाऊ बयानबाजी करके तो कोई बाहरी देश के आतंकवादियों का धर्म के नाम पर खुला समर्थन करके। हमारी कमजोर सरकारें अपनी - अपनी पार्टियों के वोट बचाने के खातिर इन कट्टरवादी नेताओं के विरूद्ध निर्णायक कार्रवाई से कतराते हैं।

कभी धर्मांतरण के मुद्दे पर तो कभी आतंकवाद के मुद्दे पर। एक समुदाय विशेष को निशाना बनाया जाता है। अक्सर देखा जाता है कि राष्ट्रवाद की आड में इनकी सांप्रदायिकता छिप जाती है। ये लोग यह समझने में असमर्थ है कि इससे देश की असहनशील छवि विश्व के समक्ष आती है। ये तो हुई कट्टरवादियों की बात, किंतु इस देश में कुछ तथाकथित धर्मनिरपेक्ष लोग भी है, जिन्होंने धर्मनिरपेक्षता को उतना ही नुकसान पहुँचाया है, जितना कि कट्टरवादियों ने। इन तथाकथित धर्मनिरपेक्ष नेताओं ने वोटों के खातिर अल्पसंख्यकवाद को ही धर्मनिरपेक्षता का सूचक बना दिया है। इससे बहुसंख्यकों में असुरक्षा की भावना उत्पन्न होती है, जिसका फायदा उठाते है कट्टरवादी तत्व।

अब समय आ गया हैं कि अब हम इन मुद्दों को नासूर न बनने दें। जिस देश की २६ फिसदी जनसंख्या गरीबी रेखा के नीचे रहती हो, उस देश को अपना समय, अपनी ऊर्जा को ज्यादा रचनात्मक कार्यों की ओर लगानी चाहिये।

विशाल बाजपयी
T.E. (ELECTRICAL)

आहार और स्वास्थ्य

ऋषिमुनियों की पवित्र धरती है।
सब प्रकार के क्रियाकलापों को
ान से करने के बारे में बताया गया है।
र में स्वस्थ आत्मा निवास करती है।
में भोजन केवल जीवन का अनिवार्य
परंतु मानवीय संस्कृति का एक
माना गया है। आहार से स्वास्थ्य ही
क्तित्व का निर्माण भी होता है। कहावत
खाये अन्न वैसा होये मन।'

ुनिक समाज में आज अस्वास्थ्य जनक
के 'फास्ट फूड' का प्रचलन बहुत बढ़
लोगों में आलस्य और जल्दी व सुविधा
दिय सुखों को पाने की लालसा बढ़ गई है।
में यह प्रवृत्ती हर क्षेत्र में दिख रही है।
लिए सबसे महत्वपूर्ण आहार में भी स्वाद व
शान्त करने के लिए लोग फास्ट फूड का
लगे है। प्रसिद्ध मानव पोषण विज्ञानी डॉ.
के अनुसार आजकल लोगों में फास्ट फूड
अपनी भूख मिटाने की आदत बढ़ गई है। नेत्रों
बनाये रखने के लिए विटामिन ए, शरीर में
र को बनाये रखने के लिए लौह तत्व
, कई रोगों से बचने के लिए विटामिन सी
की मजबूती के लिए कैल्शियम आवश्यक
जो इस आधुनिक फास्ट फूड में नहीं होता।
फास्ट फूड को बनाने में 'सोडियम नायट्रेट
रसायन का भी प्रयोग होता है जो कैंसर जैसे
रोगों को पैदा करते है। इस अस्वस्थ्य भोजन की पूर्ति के लिए हम अपने पर्यावरण को भी हानी पहुँचाते है। भोजन का सीधा प्रभाव हमारे स्वास्थ्य व स्वभाव पर पडता है। पीटर वरवॉश अपनी पुस्तक Total Health (सम्पूर्ण स्वास्थ्य) में बताते है कि जापान में जैसे-जैसे लड़के - लड़कियाँ पश्चिमी आहार पर निर्भर हो रहें है वैसे वैसे वे शारीरिक दृष्टि से जल्दी परिपक्व हो जाते है किन्तु मानसिक दृष्टि से अपरिपक्व ही रह जाते है। एक सर्वेक्षण के अनुसार अमरिका की जनसंख्या का आहार डिब्बा बंद पदार्थ व फास्ट फूड बन गया है जिसके कारण आज

१ अमरिका में दवाईयों का उद्योग ही सबसे बड़ा व्यवसाय बन गया है।

२ अमरिका में पूरे विश्व के किसी भी देश से अधिक डॉक्टर व अस्पताल है।

३ अमरिका में एक औसत साल में लगभग २० लाख लोग हृदयघात (Heart attack) का शिकार होते हैं और ४ लाख ओपन हार्ट सर्जरी होती है।

४ लोगों में मोटापे की बीमारी बढ़ रही है । जहाँ थियेटर व स्टेडियम में सीट की चौडाई १५-१७ इंच होती थी आज २१-२२ इंच तक रखी जाने लगी है।

५ अमरिका में प्रतिदिन २० लाख जानवरों को भोजन के लिए मारा जाता है।

६ अमरिका में दूधारी गायों को ऐंटीबायोटिक दवाईयों और हार्मोन के प्रयोग से विशेष खुराक देकर मशीनों से २० से ५० लीटर तक दूध निकाला जाता है ।

७ बच्चों में टी वी आदि प्रसार माध्यमों से गलत व हानिकारक पदार्थों को खाने की आदत कम उम्र से ही शुरू हो जाती है ।

इन सर्वेक्षणों से ज्ञात होता है कि मनुष्य की विचारधारा का जीवन शैली से सीधा सम्बन्ध है । अमरिकी और एशियन लोगों की जीवन शैली में आहार ही एकमात्र अन्तर है । आज भारतीयों को भी कोका-कोला, मैकडोनल्स् और कॅलॉग फूड अपनाते देखा जा सकता है । यह बहुत दु:ख का विषय है । एक सर्वेक्षण के अनुसार भारतीय भोजन को समस्त पोषक तत्वों से परिपूर्ण व उत्तम बताया गया है । इस आहार में ताजी सब्जियाँ, दूध, दही और अनाज से बने पदार्थ होते है । आहार शुध्दों सत्वशुद्धी, के अनुसार योग्य, उचित व शुद्ध आहार से मनुष्य का जीवन व अस्तित्व शुद्ध हो जाता है । आज इसी सिद्धांत को पाश्चात्य देश के वैज्ञानिक खोज रहे है । आज पश्चिमी देशों में शाकाहार व प्राकृतिक आहार के प्रति जबरदस्त आकर्षण दिखाई दे रहा है ।

भारतवासी अत्यन्त बुद्धिमान होगे कि वे पश्चिमी देशों की संस्कृति की अंधाधुंध नकल न करके अपनी जीवन शैली को न बदलें । हम अपना भोजन शुद्ध आचार विचार के साथ प्रभु को धन्यवाद देते हुए खायें ताकि आज के आधुनिक समाज के दुष्टपरिणाम हमारी भारतीय संस्कृति में न आ पाएँ ।

गणेश पाटील B.E. (COMP)
नितिन कदम B.E. (CIVIL)

B.E. (ELECTRICAL) 2001-2002 BATCH



...ndeep
...diatimes.com



Angle Shrikant
shrikantangle@yahoo.com



Bhaskar Karan
karan@ahyk.net



Borkar Sandeep
Tel.No. 5438222
borkarsandeep@yahoo.com



Chawan Abhay
abhaychawan@indiatimes.com



...nde Nitin
...550-67094
...diatimes.com



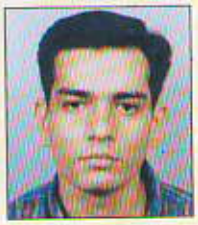
Dharwala Shabbir
shabbirtd@indiatimes.com



Dsouza Sunil
mailsunildsouza@yahoo.com



Dutta Shreyasi
shreyasi_dutta@rediffmail.com



Firake Avinash
Tel.No. 5691633



...Saurabh
...diffmail.com



Jadav Rajesh
Tel.No. 5245563
rajesh_s_j1@rediffmail.com



Joshi Ramchandra
Tel.No. 5368226
ranchandraj100@rediffmail.com



Kakoditar Prasad
enrique_0779@yahoo.com



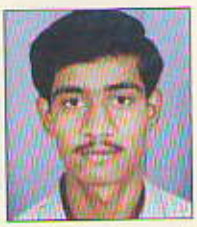
Katkar Shantesh
Tel.No. 95251331421
shanteshk@indiatimes.com



...e Sandeep
...rediffmail.com



Lingala Vijay
Tel.No. 8457867
l_vijay2001@yahoo.com



Mahajan Deepak
mahadeep@indiatimes.com



Malbari Rupesh
rupesh_malbari2001@yahoo.com



Mathure Shruti
Tel.No. 8774833



...ekar Sameer
...ekar1@rediffmail.com



Mirani Tejaswini
Tel.No. 5365362
tejaswini_mirani@rediffmail.com



Narkar Ajay
ajay_narkar@yahoo.com



Nawalkar Shripad
shripadnawalkar@yahoo.com



Patel Aziz
al_abdulazeez@yahoo.com

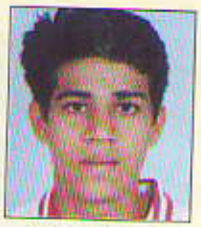
B.E. (ELECTRICAL) 2001-2002 BATCH (Contd...)



Patil Bhalchandra
bhalchandra_80@indiatimes.com



Patil Mandar
bemandar@yahoo.co.uk



Phene Anand
anand_phene@hotmail.com



Pimple Anup
Tel.No. 8632850
anpio@yahoo.com



Raikar Suryakant
suryakant_raikar@hotmail.com



Raje Reshma
raje_reshma@yahoo.com



Ramaswamy Vishwanath
Tel.No. 5552547
vishwanath_v@rediffmail.com



Raut Harshvardhan
harsh420@hotmail.com



Sadalge Girish
girish_0011@yahoo.com



Salgaonkar Dinesh
Tel.No. 95251863435
sdinesh1@yahoo.com



Sawant Ashish
ashishsawant2@yahoo.com



Sawant Prashant
prash_saw@yahoo.co.in



Shetty Niranjan
niranjanshetty@yahoo.com



Shetty Nirup
shettynirup@rediffmail.com



Shrivastav Rohit
rohitps@hotmail.com



Singani Kumar
kksingani@rediffmail.com



Sonawane Sandip
sonasandip@indiatimes.com



Sonawane Vishal
Tel.No. 95251605854
vishal_spce@yahoo.com



Sukroo Nishant



Thatte Parag
chalobolo@yahoo.com



Vangari Raj
Tel.No. 4372794
rajvangari@indiatimes.com



Wamanse Vinay
vinay_80@hotmail.com



Ware Shashank
shashankware@yahoo.com

B.E. (I.T.)
2001-2002 BATCH



Kinjal
3103102
iffmail.com



Aher Kishor
Tel.No. 502496
shoto@softhome.net



Bansal Tushar
Tel.No. 7714085
btushar@yahoo.com



Bawa Sukaina
Tel.No. 8378576
sukainab@rediffmail.com



Bhogte Dipankur
Tel.No. 3826053
dipankur@indiatimes .com



Viraj
3896670
thome.net



Chavan Girish
Tel.No. 6285351
girish_c@rediffmail.com



Dabholkar Mayuresh
Tel.No. 8373174
mayuresh@softhome.net



Dalal Vihang
Tel.No. 6148055
vihang_dalal@rediffmail.com



Dalal Ravi
Tel.No. 3811744
ravidalal@hotmail.com



ar Chetan
8066088
yahoo.com



Ghumman Kajal
kajalghumman@hotmail.com



Gulati Romit
Tel.No. 6312189
romitgulati@hotmail.com



Gulkhobre Ashutosh
Tel.No. 5384873
meet_ashdude@yahoo.com



Jardosh Amit
Tel.No. 8638228
amit.j@eudoramail.com



Kavita
5646793
rediffmail.com



Kaul Sumeet
Tel.No. 4525958
sumeetkaul@hotmail.com



Khade Sachin
Tel.No. 4944502
sachinkhade@hotmail.com



Khambadia Prateek
Tel.No. 6204053
pkhambhadia@yahoo.com



Kshirsagar Devika
Tel.No. 5601718
devi11@vsnl.com



ry Naini
hotmail.com



Morbiwala Yusuf
Tel.No. 3470801
yus_isa@rediffmail.com



Nayak Sharayu
Tel.No. 8926179
sharayu@operamail.com



Negandhi Nikhil
Tel.No. 8223287
nikhil_libran@yahoo.com



Pandit Anup
Tel.No. 8986507
anuppandit@rediffmail.com

DISHA 2002

B.E. (I.T.) 2001-2002 BATCH (Contd...)



Patel Ashish
Tel.No. 3826114
ashish_patel@softhome.net



Patel Chirag
Tel.No. 8059115
chiraginfotechno@yahoo.com



Patil Jayesh
Tel.No. 8953231
jayeshpatil21@hotmail.com



Patil Saumitra
Tel.No. 326906
psaumitra@hotmail.com



Prakash Gauri



Raman Nisha
Tel.No. 5726732
sendnisha@yahoo.co.in



Ramavat Niraj
Tel.No. 8200734
niraj1049@yahoo.com



Rathod Nishit
Tel.No. 4940579
nishitrathod@yahoo.com



Samudre Sunit
Tel.No. 8873355
sunitsamudre@yahoo.com



Sarode Sanjay
Tel.No. 6211868
sanjay.sarode@indiatimes.com



Savla Sumeet
Tel.No. 8944385
sumeetsavla@yahoo.com



Shah Devang
Tel.No. 3823206
devangkshah@indiatimes.com



Shah Sushant
Tel.No. 6480147
sushant_shah@rediffmail.com



Shah Ankur
Tel.No. 8087526
ank@eudoramail.com



Shah Zarana
Tel.No. 8638705
zaranashah2002@yahoo.co.in



Shirodkar Sumedh
Tel.No. 8016818
sumedhps@yahoo.com



Singh Amarjeet
Tel.No. 8506418
amarjeet27@yahoo.com



Suglatwala Taha
Tel.No. 3091110
tahadude@yahoo.co.uk



Surve Paresh
Tel.No. 2073892
paresh_survey@yahoo.com



Vala Mrinal
Tel.No. 4308248
mrinal_vala@hotmail.com



Vhatkar Kaustubh
Tel.No. 8500372
kiv@engineer.com

B.E. (MECHANICAL) 2001-2002 BATCH


r Vaibhav A


Agrawal Sandeep


Aphale Chinar


Basu Sudipta


Chandrashekharan Ramesh


mit Ranjan


Dhake Parag P


Dhurve Atul S


D'Souza Neil


Eklahare Swapneel


re Rahul


Gawde Rakesh


Gokarn Ketan S


Gune Kaushik


Hande Pankaj V


ar Vinayak P


Jambusaria Nirav


Kamble Balu


Karnik Amey


Khadse Amit


rtad Smita


Khokrale Manish


Ladhe Dhiraj


Lakshmi Narayanan B


Magarkar Sanket

DISHA 2002

ring

B.E. (MECHANICAL) 2001-2002 BATCH (Contd...)


Maurya Praveen S


Mehta Jayesh N

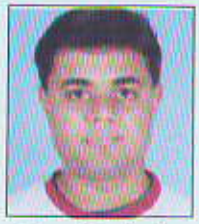

Mistry Sagar C


Multani Hardik


N Narayanan

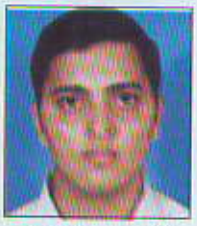

Nagarsekar Amit P


Naik Abhijit S


Oberoi Ankush


Owl Prashant


Pagare Vinod


Pandit Amit V


Patel Vinay


Patil Amar S


Patil Prasad M
y_vineet@hotmail.com


Patwardhan Kedar K


Prabhune Shantanu C


Rathod Pankaj S


Sable Nitin G


Salunke Hrishikesh M


Sanghvi Kaipesh


Shinde Amit
khadse_amit@yahoo.co.in


Shirodkar Purushottam


Sinha Ravi


Sonalkar Neeraj


Thakre Shubhangi


Tripathi Mayank


Yadav Vineet V

B.E. (CIVIL)
2001-2002 BATCH



arot Dhaval
9@indiatimes.com



Bhide Ashwini
ash_poet@yahoo.com
Tel.No. 8356337



Bhosale Tejashree
teja_b@rediffmail.com



Borwankar Aniket
aniketonly@rediffmail.com
Tel.No. 8963569



ode Gajanan
@rediffmail.com
No. 8577812



Dalvi Santosh
Tel.No. 3705081



Dembla Gautam
gautam@mailasia.com
Tel.No. 5515435



Gajera Jitesh
talktojitesh@hotmail.com
Tel.No. 8980421



adam Nitin
e@indiatimes.com
95216175024



Keskar Sameer
contactsameer@rediffmail.com
Tel.No. 4223737



Khairmode Harshad
harshad24@rediffmail.com



Korde Tanaya
tpk08@yahoo.com
Tel.No. 8322296



udva Upendra
kud9@rediffmail.com



Pakhare Vidhya
Tel.No. 95251-436483



Pandhare Sachin
sachin_pan31@indiatimes.com
Tel.No. 5346215



Patel Sachin
sach-india@rediffmail.com
Tel.No. 5150345

B.E. (CIVIL) 2001-2002 BATCH (Contd...)



Patil Ganesh
gspdon2002@yahoo.co.in
Tel.No. 02524-40369



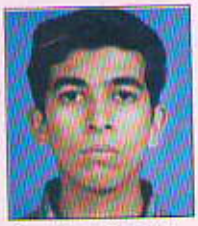
Patil Sachin
spatilin@yahoo.com



Pendse Rahul
rahulpendse@rediffmail.com



Pimple Harshal
meharshal@yahoo.com



Pradhan Ameya
ameya123@yahoo.com
Tel.No. 8975962



Raikar Kaustubha
kaustubhraikar@rediffmail.com



Rajapurkar Navin
baburohan@yahoo.com
Tel.No. 6428701



Rathod Alkesh
alkesh@ny.com
Tel.No. 8863280



Sardesai Mandar
mvsardesai@hotmail.com
Tel.No. 95251-693800



Shah Vaishali
vaishali80@rediffmail.com



Shahare Gaurav
gaurav2k8@rediffmail.com



Somani Mitesh
mitesh_somani@rediffmail.com
Tel.No. 8016637



Somani Nirmal
nirmalsomani@yahoo.co.ok



Subramanian Ganesh
ganesh_spce@hotmail.com
Tel.No. 6212071



Wadekar N.
Tel.No. 4148538



Waje Yogita
Tel.No. 3770183



Yamgar Kisan
kisanspce@indiatimes.com
Tel.No. 5507421



Watkar Tejaswini
tejas_w@hotmail.com



Welhekar Suchitra
suchitrawelhekar@rediffmail.com



Yadhav Ashwini
jashwinid@rediffmail.com

B.E. (ELECTRONICS) 2001-2002 BATCH



charya Rajesh
charya1@hotmail.com
No. 8670672



Adala Vidya
vidya_adala@hotmail.com
Tel. No. 8421515



Bhandari Rahul
rahul_bhandari@hotmail.com



Braganza Audrey
audrey_braganza@rediffmail.com
Tel. No. 6356788



urasia Natasha
2403@rediffmail.com
No. 8380303



Chawathe Pankaj
pankajchawathe@indiatimes.com
Tel. No. 8382846



Chilka Vinod
Tel. No. 8442848



Dedhia Navin
navincdedhia@hotmail.com
Tel. No. 6252236



eshpande Ashish
_desh@vsnl.net
el. No. 8088534



Fatehchandka Mahesh
mahesh_f@hotmail.com
Tel. No. 8792145



Gada Parin
parin_25@hotnmail.com
Tel. No. 8726317



Gandhi Sonal
sonal_02@rediffmail.com
Tel. No. 8570607



Ganu Nilesh
ganu@rediffmail.com
Tel. No. 8371375



Gohil Jayesh
Tel. No. 3781629



Gopal Ulhas
ulhasgopal@hotmail.com
Tel. No. 8131324



H.S. Balbirsingh
balbir_20@hotmail.com
Tel. No. 4070872



Jadhav Vishal
hal_jds@yahoo.com



Jain Nehal
hi_to_neha@rediffmail.com
Tel. No. 6285188



Kayarkar Renu
rens20@rediffmail.com
Tel. No. 5645468



Khanwaikar Saurabh
ssk_81@hotmail.com
Tel. No. 3212611

B.E. (ELECTRONICS) 2001-2002 BATCH (Contd...)



Kritika Bala
dpurple2k@hotmail.com
Tel. No. 6342191



Kulkarni Alpina
alpina_14@hotmail.com
Tel. No. 6312212



Kulkarni Unnati
se_hi2unni@rediffmail.com
Tel. No. 8210139



Lewis Joyston
wo_ai_ni_01@yahoo.com
Tel. No. 8920662



Lotlikar Amit
Tel. No. 6255314



Maknojiya Rahim
rnarahim@yahoo.com
Tel. No. 6781972



Maniar Manish
manishmaniar@yahoo.com
Tel. No. 8321912



Mayekar Sujay
sujaymayekar@indiatimes.com
Tel. No. 6242456



Mehta Jiten
m_jiten1@rediffmail.com
Tel. No. 8682675



Menon Rashmi
rash4u@zeenext.com
Tel. No. 8884344



Mestri Sugandha
gandha4u@yahoo.com
Tel. No. 8854896



Metkari Vikram
vikrammetkari@indiatimes.com
Tel. No. 4018158



Mhatre Amit
Tel. No. 7543634



Nagar Gaurang
guru_nagar@hotmail.com
Tel. No. 8058949



Pailkar Snehal
snehal_pailkar@indiatimes.com
Tel. No. 3053124



Panchamia Nehal
nehal1980@yahoo.com
Tel. No. 8017644



Pande Mohit
mohitpande@hotmail.com
Tel. No. 8365031



Parab Dhananjay
dhananjayparab@hotmail.com
Tel. No. 6365249



Parikh Sruti
sruti_parikh@rediffmail.com
Tel. No. 6250139



Patil Swapnil
swapnil_m_patil@hotmail.com
Tel. No. 95250524322



Patwari Dharmendra
dharam12@rediffmail.com
Tel. No. 3690451



Penkar Sheetal
shital_penkar@yahoo.co.in
Tel. No. 6518802



Pradhan Aditya
aditya_19@hotmail.com
Tel. No. 6247267/6703587



Rajratnam Preetha
preetha_3780@yahoo.co.in
Tel. No. 8711224

B.E. (ELECTRONICS) 2001-2002 BATCH (Contd...)



Rele Gaurav
rele@hotmail.com
Tel. No. 3610151



Rodrigues Rahul
rgrodz@indiatimes.com
Tel. No. 8181311



Roychowdhury Arojit
arojit@bol.net.in
Tel. No. 6365706



S. Jai Anand
sjaianand@yahoo.com



Sanghvi Priyesh
sanghvi@yahoo.com
Tel. No. 8186844



Sastry Aparnasri
aparnasri@yahoo.com
Tel. No. 4220634



Shah Saurabh
shahsaurabh20@rediffmail.com
Tel. No. 5118117



Shaikh Shakeel Ahmed
shakeel_spce@yahoo.com
Tel. No. 8771055



Sharma Pradeep
eep_spce@yahoo.com
Tel. No. 8145178



Shinde Anjali
leo_anju@yahoo.com



Shirawadekar Natasha
natasha_s_s@yahoo.com
Tel. No. 6356809



Shukla Manish
manpiyu@yahoo.com
Tel. No. 8193309



Sonawale Yugant
aleyug@rediffmail.com
Tel. No. 8699368



Tarawala Saifuddin
s_tarawala@yahoo.com
Tel. No. 3000862



Thomas Rinky
rinkyt@hotmail.com
Tel. No. 6321943



Todi Ravi
ravitodi@hotmail.com
Tel. No. 8823411



Vaja Devendra
vaja@indiatimes.ccom
Tel. No. 8635037



Waghdhare Sabina
sabina_w79@hotmail.com
Tel. No. 4228293

B.E. (COMPUTER)
2001-2002 BATCH



Acharya Ambrish
ambrish@runbox.com
Tel.No. 6346022



Agarkar Sumeet
meetage@email.com



Agarwal Siddharth
siddharthlive@rediffmail.com
Tel.No. 8257285



Agaskar Preeti
pagaskar@rediffmail.com
Tel.No. 5372221



Balsaraf Anuja
anujasb@yahoo.co.in
Tel.No. 6321860



Bandekar poonam
poonam_01@rediffmail.com
Tel.No. 95250-327041



Chaudhari Amol
amolchaudhari@hotmail.com
Tel.No. 0240-482308



Chavan Pramila
Tel.No. 95250-521787



Dandekar Mandar
mandar_dandekar@hotmail.com
Tel.No. 8221196



Daptari Aniket
aniket_d@hotmail.com
Tel.No. 400057



Das Madanmohan
madanmohan@indiatimes.com
Tel.No. 8770089



Deshmukh Sandeep
deshmukhsandeep@indiatimes.com
Tel.No. 0260-644005



Dhanapune Atul
ddhanapune@yahoo.com



Dhanjal Sunaina
reine_sd@hotmail.com



Dhekne Deepti
deepti66@rediffmail.com
Tel.No. 8892243



Dias Len
meetlen@yahoo.com
Tel.No. 9525031071



Dongre Rahul
rd001@rediffmail.com
Tel.No. 7464803



Ette Shreedhar Murali
shreedhar_ette@rediffmail.com



Gholap Jayesh
psyc_clone@yahoo.co.in
Tel.No. 8956716



Gohil Pranav
pranavgohil@rediffmail.com
Tel.No. 8056639



Gulavani Bhargav
bhargav_g@hotmail.com
Tel.No. 8445458



Hivare Pramod
pramod_hivare@hotmail.com



Inamdar Nihar
nihar@consultant.com
Tel.No. 8325124



Jagtap Vishal
vishjag@rediffmail.com
Tel.No. 8374491



K Parag
kparag@email.com
Tel.No. 8734141

B.E. (Computer) 2001-2002 Batch (Contd...)



Amit
ffmail.com
408643



Karjodkar Sunisha
ksunisha@hotmail.com
Tel.No. 8508434



Khachane Yogesh
ykhachane@yahoo.com



Khavanekar Abhijeet
abhijeetkh@rediffmail.com
Tel.No. 6797287



Khopkar Yogendra
sheryogi@yahoo.com
Tel.No. 5671650



Nischal
tmail.com
5249995



Maldikar Neena
neenamaldikar@yahoo.com
Tel.No. 8212608



Mankekar Girish
girish_spce@yahoo.com
Tel.No. 95250523309



Mashkaria Amit
amit_masr@yahoo.com
Tel.No. 8074113



Mazumdar Parna
parna79@yahoo.com
Tel.No. 6705052



Paresh
hotmail.com
8010503



Mhatre Rohan
mhatrerohan@indiatimes.com
Tel.No. 8341297



Narvekar Swapna
swapna_n21@yahoo.co.in
Tel.No. 5688973



Pandit Yogesh
yspandit123@rediffmail.com
Tel.No. 6353202



Pargaonkar Asish
ashish855@yahoo.com
Tel.No. 8553991



ar Subir
rediffmail.com
8395713



Patel Kirtida
kirtida_p@indiatimes.com
Tel.No. 8688356



Patil Rohit
rohit_patil@hotmail.com
Tel.No. 8988789



Patil Ganesh
ganeshpatil@rediffmail.com
Tel.No. C/o 95214339270



Raina Mansi
mansi_raina@yahoo.com
Tel.No. 95250- 341213



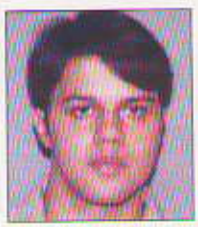
Gaurav
6206758



Raje Avdhut
avdhut_r@rediffmail.com
Tel.No. 5603412



Rana Khyati
khyatirana@rediffmail.com
Tel.No. 8677121



Raut Amit
amitraut_21@hotmail.com
Tel.No. 8508936



Ray Lokesh
doczenith@rediffmail.com
Tel.No. 6327537

B.E. (Computer) 2001-2002 Batch (Contd...)



Salvi Swapnil
swapnilsalvi@hotmail.com
Tel.No. 5674480



Savla Ronak
ronaksavla@rediffmail.com
Tel.No. 8880329



Shah Amit
amitlshah@vsnl.net
Tel.No. 6162384



Shah Ankit
ankit@amulz.com
Tel.No. 8390199



Shah Harshil
harshilshah9@hotmail.com
Tel.No. 6149639



Shimpi Abhijit
Tel.No. 8013694



Singh Preeti
s_preeti_2000@rediffmail.com
Tel.No. 8812029



Solanki Kiran
solankikiran@yahoo.com
Tel.No. 8892243



Sonthalia Rashmi
rashmiii@indiatimes.com



Soumya Udit Kr.Singh
udit_here@yahoo.com
Tel.No. 6522662



Srivastava Neeraj
neerajsrivi@rediffmail.com
Tel.No. 4322056



Sule Amit
adsule@yahoo.com
Tel.No. 8373941



Sunder Priyanka
priyankasunder@yahoo.com
Tel.No. 6369360



Surendran Anup
Tel.No. 8823015



Swarup Amiya
amiswap@rediffmail.com
Tel.No. 3693515



Telang Priti
Tel.No. 8183151



Trivedi Mitesh
mitesh_trivedi31@rediffmail.com
Tel.No. 8913891



Udernani Mayur
mayurgenius@rediffmail.com
Tel.No. 4455130



Utturkar Abhay
utturkar@indiatimes.com
Tel.No. 02525-71612



Vyas Kunjan
kunjanvyas@rediffmail.com
Tel.No. 8723370



Wagle Leena
wagleleena@hotmail.com
Tel.No. 8348215

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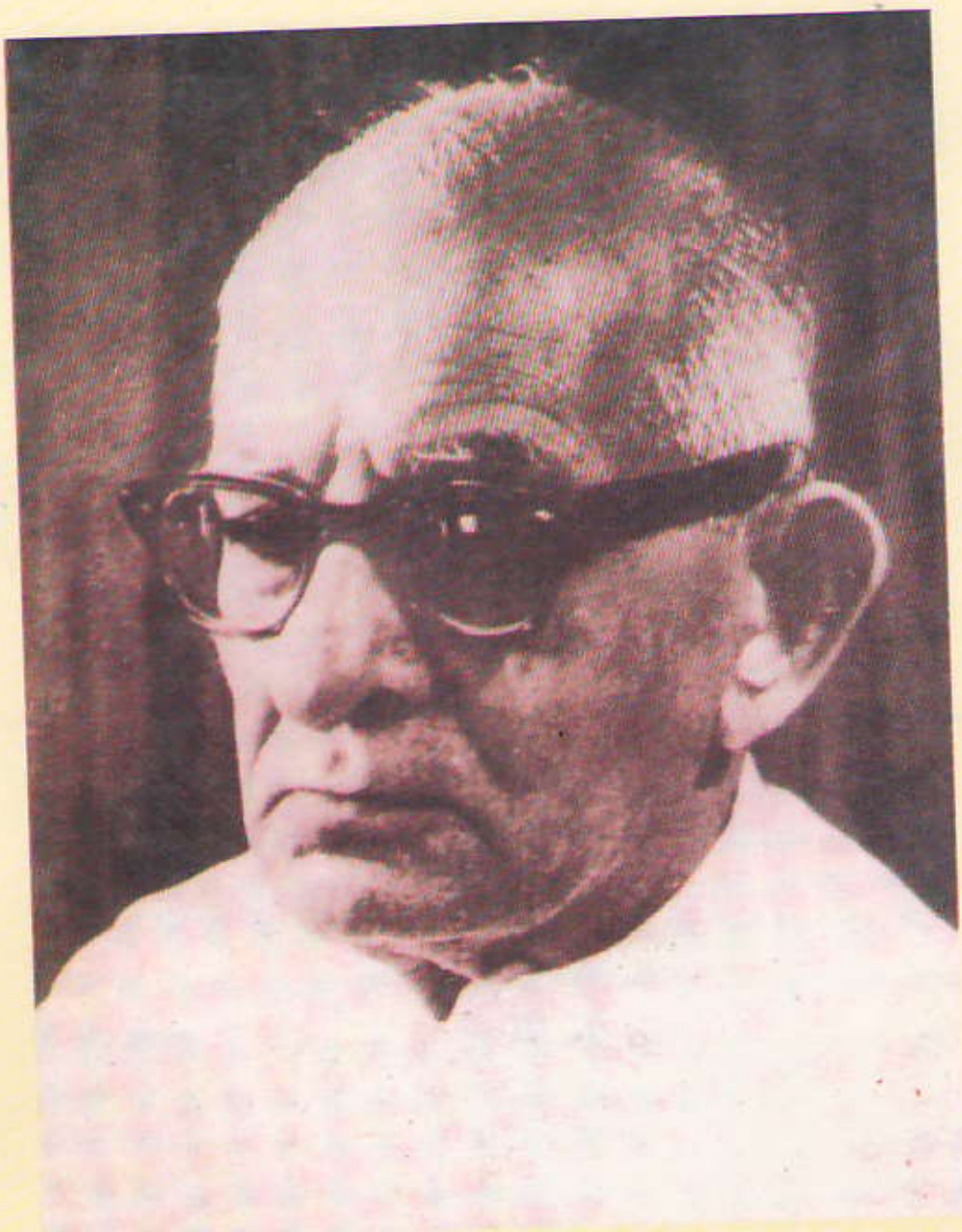
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