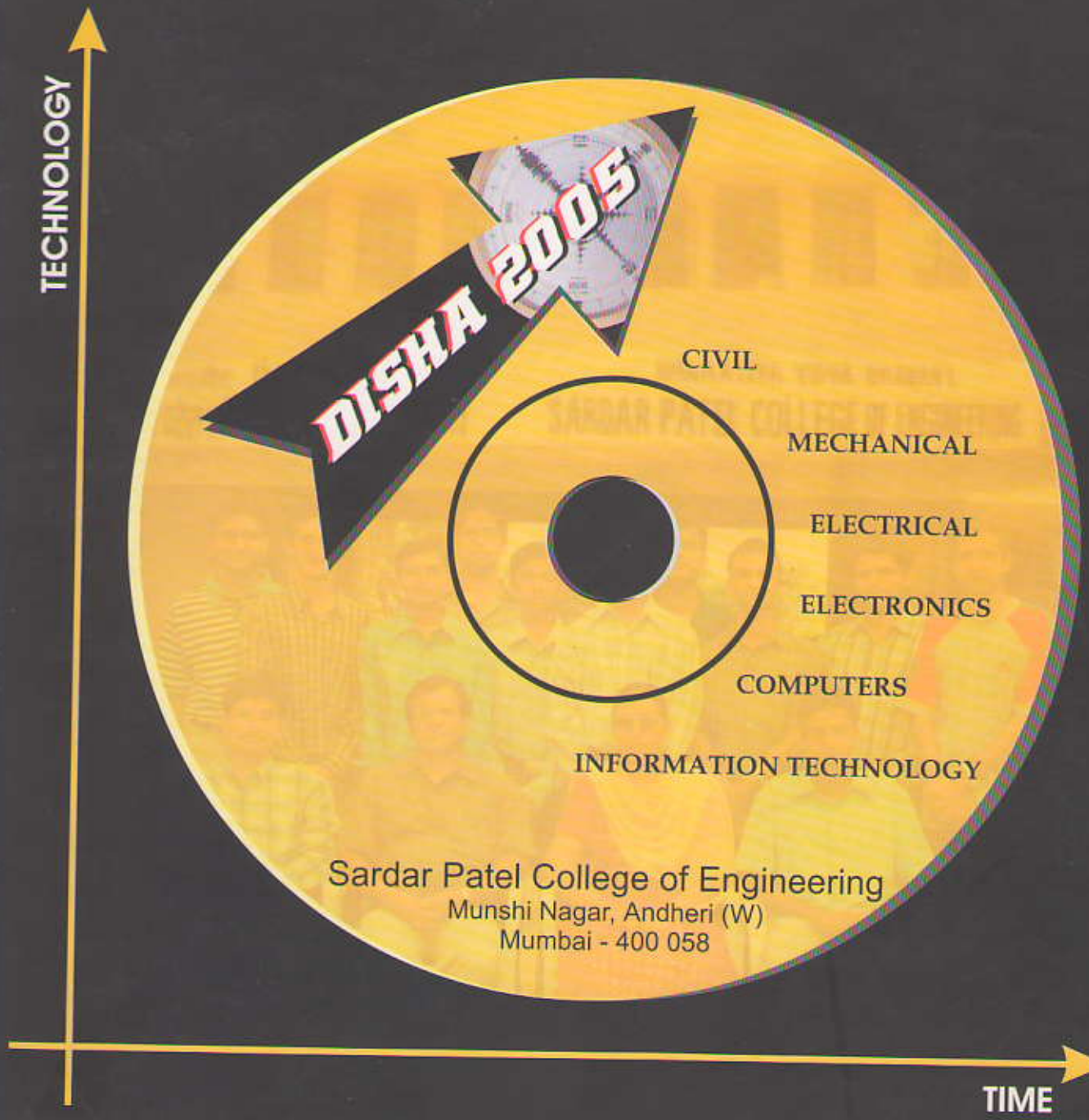
DISHA 2005

DIRECTION TO WE THE ENGINEERS ...



Sardar Patel College of Engineering
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Mumbai - 400 058

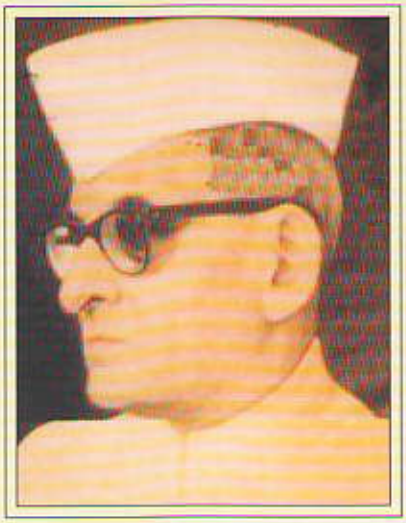
CONTINUOS ADAPTION TO CHANGES ...

Cover Page Design by Rajender Singh (BE-IT)

In Memorium



Shri Sardar Patel
The Iron Man of India



Shri Kulapati Dr. K. M. Munshi

BHARATIYA VIDYA BHAVAN'S

SARDAR PATEL COLLEGE OF ENGINEERING

ANDHERI(W), MUMBAI

DISHA

(SARJANIKA)

ANNUAL ISSUE

2004 - 05

"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

VISION

To build a renowned institution which will produce skilled graduate engineers with good will for humanity

MISSION

- *To impart quality education through need based curriculum in academic programmes*
- *To enhance career opportunities for students through industry institue interaction and value added courses.*
- *To promote excellence by encouraging a wide range of views, lateral thinking and sense of discipline.*
- *To inculcate responsibility towards society.*



Disha 2005

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Gymkhana Committee

Mrs. V. P. Joshi, Electrical Dept.
Magazine Executive Officio

Magazine Secretaries, Disha 2005:

Kunal Krishna (T.E. Computer)
kunalkrishna@rediffmail.com

Avadhoot Jathar (B.E. Electrical)
avadhoot_jathar@rediffmail.com

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Disha online

Disha, the College Magazine is published annually by Magazine Committee, Sardar Patel College of Engineering.DISHA 2005 can now be found online at http://disha.spce.ac.in from 20 April 2005

WE WANT TO HEAR FROM YOU !

Share your thoughts about this magazine.

Send an e-mail to disha_2005@rediffmail.com

We welcome your ideas, comments and critique to improve future issues.

MAGAZINE SECRETARIES' REPORT





Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skillful execution; it represents the wise choice of many alternatives. These were the lines which we undertook as our motto for working for DISHA 2005.

For the first time in the history of our college two magazine secretaries were appointed. We started off in the month of October. Our editorial team was formed under the expert guidance of Mrs. Madhavi Gokhale. Our first job was to inform the whole college about DISHA'05. We took a break for the exams and were back in action in the month of December. Sorting and editing work started as soon as SPACE got over.

We would sincerely like to thank Mrs. Madhavi Gokhale, Mrs. Shyamalee Solanki, Mrs. Vidya Joshi and Mrs. Hari Smita for editing the plethora of articles.

There is nothing wrong with change, if it is in the right direction. Every DISHA has something different or the other. We too, brought about certain changes such as including ALUMNI articles, GUJARATI section, Cover page competition, online version of DISHA, photographs of writers, secession of DISHA from SPACE and the new and refreshing look of the magazine.DISHA 2005 tries to highlight the academic, extra-curricular and literary skills of our fellow students.

The making of DISHA 2005 was a satisfying experience with excellent support from our team of editors, our unofficial finance team of Rajdeep, Meghana , Akshat, Bharat ,Sreeja and Bala who helped us gather the deficit amount, fellow students Sachin, Chintan, Abhinav, Pankaj and Kedar for their invaluable help in times of strife and all those who had contributed to the success of the magazine.

We would sincerely like to thank Dr. M.M. Kulkarni(Vice president, Gymkhana Committee) ,Mrs. Vidya Joshi (Ex-officio of Magazine Committee),Electrical Department, Computer Department and Training and Placement Office for their constant support and guidance.

It is the direction not the magnitude which is to be taken into consideration and we hope that this edition inspires to achieve greater heights notwithstanding the " blood and toil, sweat and tears" to achieve it.

Avadhoot Jathar (BE Electrical) **Kunal Krishna** (TE Computers)

Decoding The Cover Page

As we see 'Disha 2005' with a line 'Direction to us the engineers' I felt that 'disha' means direction and from this magazine we will be getting the direction, inspiration and motivation to do much better in the future and to guide others - a source of inspiration for all us SPCEites. The CD with a directional arrow which is clockwise indicates that we are continuous in our efforts and we must change with time - the "samay chakra". The constituents of this CD are all our branches which are doing their best in their domains and in all activities whether social, cultural or technical - working unitedly in festivals like SPACE, Technobreak, Nirmaan and others. Now a bit below the CD is an axis.If we closely look at the graph we find that it is a graph of Technology Vs Time and the most important factor is that instead of a graph in between the axes we have our SPCE-CD, which means that we SPCEites are ready to face up to any challenge which is related to technology and time.Day by day the technology is changing and getting upgraded, but we SPCEites have always lived upto the expectations - all because we have been updating ourselves from time to time. And hence I have finally written - "CONTINUOUS ADAPTATION TO CHANGES"

Rajender Singh (BE IT)

ANNUAL REPORT: 2004 – 2005

A) Major Developments:

The Civil, Mechanical, Electrical and Electronics Engineering Departments received accreditation from the National Board of Accreditation, AICTE. The Computer Engineering Department has also applied for accreditation and the visit of NBA team is awaited. The college has also applied to the University for autonomy. AICTE and the State Government have approved three post-graduate programs namely, M.E.(Electronics), M.E.(Civil) with Environmental Engineering subjects and M.E. (Mechanical) with Thermal Engineering subjects. The management wants to start these courses from July 2005.

B) Academic Achievements of Our Students:

The results of University Examinations held in May/June 2004 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. (Mechanical)	83.33
B.E. (Electrical)	71.42
B.E. (Civil)	67.56
B.E. (Electronics)	70.51
B.E. (Computer)	66.26
B.E. (I.T.)	81.94

Academic achievements of our final year students have been excellent. The Mumbai University ranks of our students in Civil, Mechanical, Electrical, Electronics, Computer Engineering and I.T. are as follows:

1. Civil Engineering:

a) Shri. Shinde Jayesh K. (First Class with Distinction) –(Kulpati's Gold Medal)
b) Shri. Patil Prashant (First Class with Distinction) –(Kulpati's Silver Medal)

2. Mechanical Engineering:

a) Shri. Mohole Amit D. (First Class with Distinction) –(Kulpati's Gold Medal)
b) Shri. Kulkarni Kaustubh H. (First Class with Distinction) –(Kulpati's Silver Medal)

3. Electrical Engineering:

a) Shri. Patil Deepak K. (First Class with Distinction)–(Kulpati's Gold Medal)
b) Shri. Chavan Pankaj P. (First Class with Distinction) –(Kulpati's Silver Medal)

4. Electronics Engineering:

a) Ms. Pol Jyoti Govind. (Second in University) (Kulpati's Gold Medal)
b) Ms. Gaikwad Chaitali A.(First Class with Distinction)–(Kulpati's Silver Medal)

5. Computer Engineering:

a) Shri. Iyer Rahul R. (First Class with Distinction)–(Kulpati's Gold Medal)
b) Ms. Agarwal Tanushree K. (First Class with Distinction) –(Kulpati's Silver Medal)

6. Information Technology:

a) Shri. Plappally Shrijit R. (First Class with Distinction)–(Kulpati's Gold Medal)
b) Ms. Mehta Salloni N.(First Class with Distinction) –(Kulpati's Silver Medal)

C) Other Achievements by Students:

1) Karthik Vishwanathan (B.E. Mechanical) and V. Vishwanath (B.E. Electrical) have got calls from all six I.I.M.s. and converted their call from I.I.M. Ahmedabad.

2) Amogh Kank (B.E. Electrical)(EE-AIR 63) and Uma Sawant (B.E. I.T.) (I.T.-AIR 94) have appeared in First 100 All India Ranker's List of GATE 2005.

3) Siddharth Likhate (B.E. Electrical) presented a paper titled 'Applications of Web Services in Power Industry' at I.E.E. Conference, Jadhavpore University, Kolkata on 28 & 29 January 2005.

4) Many of our students are recipients of prestigious Sir J.R.D. Tata and Ratan Tata Scholarships.

D) Promotions of Staff:

Non-Teaching:

Mr. U. S. Tulpule: Promoted as an Office Superintendent on 17-11-2004

Mrs. R. Indira: Promoted as a Head clerk on 22-11-2004

Mr. U. A. Patel: Promoted as a Sr. Clerk on 08-07-2004

Smt. U. T. Chinchay: Promoted as a Sr. Clerk on 13-08-2004

Mr. M. S. Murkar: Promoted as a Sr. Clerk on 17-11-2004

Ms. Hemlata K: Promoted as a Sr. Clerk on 1-12-2004

Mr. S. S. Talekar: Promoted as a Clerk cum typist on 10-11-2004

Mr. A. P. Fernandes: Promoted as a Foreman on 18-11-2004

Mr. A. A. Kale: Promoted as a Lab. Assistant. on 08-07-2004

Mr. S. I. Naik: Promoted as a Lab. Attendant. on 07-12-2004

Mr. R. M. Solonki: Promoted as a Lab. Attendant. on 17-11-2004

Mr. S. B. Kolepate: Promoted as a Lab. Attendant. on 19-11-2004

Mr. A. P. Gawale: Promoted as a Lab. Attendant. on 21-02-2005

E) Details of Achievement of Higher Qualifications by Faculty:

Dr. G. T. Thampi: of Mech. Dept. was awarded Ph.D. in Mech. Engg. by University of Mumbai.

Prof. (Smt). Roshini R. Easow: of Mech. Dept. submitted her thesis for Ph.D. at IIT Mumbai.

Prof. Prachi Gharpure: of Electrical Engg. Dept. has submitted her Ph.D. Thesis titled "Integrative Instruction Design Model for E-Learning Environment" in Sept. 2004 to SNDT Women's University.

Prof. V.R. Kalamkar: of Mech. Engg. Dept. is at IIT pursuing Ph.D. under QIP.

Prof. R.S. Maurya: of Mech. Dept. joined for pursuing Ph.D. under QIP at IIT Madras, Chennai.

Prof. S.S. Gadve: of Structural Engg. Dept. joined Ph.D. programme at IIT Bombay under study leave scheme.

Prof. Sangita Yamgar: of Electrical Engg. Dept. completed M.Tech. under QIP from IIT Kanpur in June 2004.

Prof. S.S. Mane: of Electronics Engg. Dept. joined M. Tech (Microelectronics) in IIT Kharaghpur.

Prof. S.T. Gandhe: of Electronics Engg. Dept. registered for Ph.D. in National Institute of Technology, Nagpur.

Prof. Vivek Agarwal: of Computer Dept. joined M.Tech. under QIP at IIT Chennai.

Smt. K. K. Devadkar: of I.T. Dept. sponsored for M.E. (I.T) course in Vivekanand College of Engg.

F) Major Faculty Achievements:

Dr. S. Y. Mhaiskar:

1) Chairman for the session on Ground Improvement at National Conference on Geosynthetics held at New Delhi in Oct. 2004.

2) Co-Chairman for the session on Ground Improvement Techniques for ICGGE Conference at IIT Bombay Dec. 2004.

3) Elected member of Executive Committee of Indian Geotechnical Society National Body.

4) Nominated on the Editorial Board of Geosynthetics Today a Technical Magazine.
5) Nominated on BIS committee on Reinforced Soil Retaining walls.
6) Member of NBA team as an expert.
7) Member of admission authority for Maharashtra state Engg. Admissions.
8) Member of several committees for starting new institute and variation of intake.
9) Member of State Task Force for starting of new Institute.
10) Chairman for Gradation Committee appointed by DTE for Pravara Loni College.
11) Expert on Staff Selection Commission Interviews and other University panels.

Dr. B. N. Pandya:

1) Head of Structural Engg Dept. has been appointed as a member of Board of Studies in Applied Mechanics at SVNIT, Surat- Deemed University.

Dr. M. M. Kulkarni:

1) Presented a paper titled "Assessment of Human Exposure to Toxic Metals in a Metropolitan region of India" and received the Nawab Zain Yar Jung Bahadur award of Institution of Engineers (India) for the best paper in the Environmental Engineering Section. The award was conferred on Dec. 17, 2004 in the Indian Engineering Congress held at Hotel Grand Hyatt.
2) AICTE has approved new course of M.E. (Civil, Environmental Engineering) with Dr. M.M. Kulkarni as a chief coordinator.
3) Interview of Dr. M.M. Kulkarni was telecast on ETV Marathi in Sanvad.
4) Delivered invited lectures at MGM College of Engg., New Panvel & M.H.S.S. College of Engg. Mumbai.
5) Member of NBA team as an Expert
6) Member of DTE Committees for starting New Institutions.

Dr. R. A. Hegde:

1) Worked as Joint organizing secretary for the International Conference on Geosynthetics and Geoenvironmental engineering (ICGGE-2004) held at IIT.
2) Assistant Professor in Civil Engg. Dept. delivered an invited Lecture on 'Stone Columns' and 'Centrifuge Modelling' at Agnel Polytechnic, Vashi, Navi Mumbai.

Prof. S. Solanki:

Commissioned in the army from the Officers Training Academy, Gwalior in Dec.2004. She completed her 3 months pre commission course successfully and came out with flying colours at the national level. She won the Garhwal Rifles and Director General Gold medal and a rolling trophy for displaying exemplary leadership qualities, motivation and being best in methods of instruction. She was awarded Commandant's silver medal and a trophy for having stood second in the order of merits in the PRCN course among 159 officer cadets. She was also given the best awards for excellence in Drill, PT, Practical ability, professional knowledge, and cultures. She was also declared the best company commander during her passing out parade. Her overall performance in the course was above average and she has got ALPHA for her grading.

Dr. P. V. Natu, Professor and Head (Mech. Dept.)

1) Member of NBA committee, AICTE New Delhi
2) Member of Organizing committee for Twentieth National Symposium on Cryogenics (TNSC-2005) held at SVNIT, Surat, 24-26th Feb. 2005

Dr. A. V. Bhonsale, Professor (Mech. Dept.)

1) Carried out visits to 8 colleges for NBA Accreditation.

2) Carried out Audit of Two companies for ISO-9000 QMS on behalf of DNV, an agency in the field of ISO- 9000 QMS certification.
3) Carried out assessment of a company for RKB award of IMC.
4) Undergone training on Risk Based certification by DNV on 15/12/2004

Prof. (Smt). Roshini R. Easow, Assistant Professor (Mech. Dept.)

Patent Filed: PCT International application No. PCT/IN03/00409(2003)
Title: Energy Efficient conditioning of air using Liquid Desiccants.
Co Inventors: Dr. Milind Rane and Dr. S.V.K. Reddy.

Prof. Dayanand Ambawade, Assistant Professor (Electronics Dept.)

Has been felicitated by Hon. Chief. Minister of Delhi, Smt. Sheila Dixit for designing and developing website of Undale Village (Known as the Freedom Fighters Village), Tal. - Karad (Maharashtra)

(5) Paper Published By Faculty Members:

Following staff members published papers in various National and International Conferences and Journals:

Name of staff member	Title of paper	Date	Venue/Publication
Dr. S.Y. Khaskar	Geo-synthetics in Rock Slope stability	Oct. 2004	Karl Terzaghi memorial workshop sponsored by Konkan Railway Corporation, IGS Mumbai Chapter & Inst. Of Engg. Held at Ratnagiri
	Geo-synthetics in Rock Pavements	Oct. 2004	National conference on "Geo-synthetics New Horizons" held at New Delhi
	Geo-synthetics in Flexible Pavements	Dec. 2004	International Conference on Geo-synthetics ICGGE 2004 held at IIT Bombay
	Education 2020	Dec. 2004	Invited lecture at Indian Engineering Congress held at Grand Hyatt Bombay
	Geo-synthetics for prevention of reflective cracking in flexible pavement overlays	Feb. 2005	National Conference on Geo-technology held at Pune
Dr. M.M. Kulkarni	Air Pollution and its Control	Aug. 2004	Invited lecture one day national workshop on Environmental Pollution and Public Awareness organized by M H Saboo Siddik College of Engineering, Mumbai
	Computer Aided Design of Wastewater Treatment Plant	Sept. 2004	Paper presented at Eighth International Conference of the Indian Environmental Association EnviroVision 2004 titled 'Advances in Environmental Technology and Management' held at Le Meridien, Pune
Dr. R.A. Hegde	Experimental Studies on Desiccation Cracking Behavior of Clay Barriers.	Dec.2004	Proc. of the Int. conference on Geosynthetics and Geoenvironmental Engg., ICGGE-2004 I.I.T. Bombay, Mumbai.
	Probabilistic Approach for Settlement Analysis of Shallow Foundations.	Nov. 2004	Proc. of the Int. Workshop on Risk Assessment in Site Characterisation and Geotechnical Design, , I. I. Sc., Bangalore.
	Desiccation Cracking Behavior of Clay Liners – A Laboratory Study.	Dec.2004	Proc. of the Indian Geotech. Conf., Warangal.
	Thermal Conductivity of Soils – Laboratory Determination.	Feb.2005	Proc. of National Conf. on Recent Trends in Geotechnology, Pune Univ., Pune Maharashtra.
Shri. A. R.Kambekar	Neural Networks to predict Pile group scour	Paper accepted	Journal of Marine Science & Technology, Tokyo, Japan.
	Prediction of pile scour in the ocean using ANN	Dec. 2004	3rd National Conference on Harbor & Ocean Engg. Held at National Institute of Oceanography, Goa.
Prof. A.A. Bage	Damage detection in Isotropic plates using ANN	2004	International conference on Advances in Structural Integrity, IISc Bangalore.
	Damage detection in laminated composite plates using counter-propagation Networks	2004	International Congress on Computational Mechanics IIT, Kanpur

Name of staff member	Title of paper	Date	Venue/Publication
Dr. A.V.Bhonsale,	Reverse Engineering for Re-development of mechanical components.	Dec. 2004	International Mech. Engg. Conference at Kuwait
Prof. Rajesh Buktar	A critical review of rapid Manufacturing (A Natural Progression from Rapid Prototyping) as the Nation emerges as a Global Manufacturing Hub.	June, 2004,	National conference on state of the art of technologies in Mechanical Engg at JNTU College of Engg. Hyderabad.
	Ways and means of accentuating Reverse Engineering practices with help of enabling technologies as the nation emerges as a Global Manufacturing Hub.	April 2004	National Conference on Advances in Mechanical Engg.at JDIE&T college Yavatmal,
Prof. (Smt). Roshini R. Easow	Energy Efficient Liquid Desiccant based Dryer. Co-authors: Dr. Milind Rane, Dr. S.V.K. Reddy.	April 2005	Journal: Applied Thermal Engineering, Vol. 25, 5-6 PP 769-781
Prof. S.S. Umale	Advances in Mechanical Engineering Sciences – Tribology and Wear.	Sep. 2004	National conference at Tumkur, Karnataka
Prof. S.B.Rane	Quality Policy Formulation Process Model To Lead To World-Class Business Process"	Aug. 2004	International Conference on logistics and supply chain ILSCM-2004 Mechanical Engg. Dept. PSG college of technology in collaboration with Central Michigan University USA
	Performance Evaluation Of Supply Chain By Using Rajiv Gandhi National Quality Award Model To Lead To World -Class Technological Institution	July 2004	International Symposium on Logistics.(9th ISL) at IIM Bangalore, in collaboration with Nottingham University Business School, UK,
	Achieving Competitive Advantage To Lead To World –Class Business Process By Using E-Enabled Supply Chain Management	May 2004	National Conference on Challenges in Achieving Global Quality CAGQ-2004 Thiagarajar College of Engg. Madurai.
	Benchmarking Process Model With Performance Indicators Of Supply Chain To Lead To World Class Technological Institution	Sept. 2004	National Conference on "Emerging Trends in Mechanical Engineering" organized by Fr. Agnel Ashram and Technical Education Complex, Goa', Padre Conceicao College of Engineering, Verna, Goa
	Strategy For Exercising Best Practices In Technological Institution By Evaluation Of Supply Chain Using Singapore Quality Award"	Sept. 2004	National Conference on "Emerging Trends in Mechanical Engineering" organized by 'Fr. Agnel Ashram Technical Education Complex, Goa', Padre Conceicao College of Engineering, Verna, Goa
	Effective JIT Implementation Using 5'S Philosophy"	Dec. 2004	The International Conference On Manufacturing And Management-2004 (GCMM-2004) organised by Queensland University of Technology, Australia & Vellore Institute of Technology Vellore Tamil Nadu, India
	Evaluation of Total Productive Maintenance Implementation Using O-Max Tool	Dec. 2004	The International Conference On Manufacturing And Management-2004 (GCMM-2004) organized by Queensland University of Technology, Australia & Vellore Institute of Technology Vellore Tamil Nadu, India
	Analysis of Various Factors Which Govern Customer Satisfaction Level Of The Indian Suburban Local Train Service In Mumbai By Using Ishikawa Diagram	Dec. 2004	The International Conference On Manufacturing And Management-2004 (GCMM-2004) organized by Queensland University of Technology, Australia & Velle Institute of Technology Vellore Tamil Nadu, India
	Role Of Ishikawa Diagram In Demonstration Of Poor Customer Satisfaction Level In The Service Supply Chain: Case Study"	Dec. 2004	VIII Annual International Conference Organized by Society of Operations Management in association with National Institute of Industrial Engineering (NITIE), Mumbai, India and College of Administrative Science, University of Alabama in Huntsville, USA

	Modeling Performance Evaluation of Supply Chain in Technological Institution using CII-EXIM Bank Award for Business Excellence, International Conference on Service Management	March 2005	Organized by Oxford Brookes University U.K., Institute for International Management and Technology and Journal of Services Research (Paper Accepted)
[illegible]	Building a learning organization in the framework of knowledge management initiative.	March 2004	National conference on World Class Manufacturing –2004, held in B.D. College of Engineering, Sevagram, Wardha, M.S.)
	Ways and means of accentuating Reverse Engineering practices with help of enabling technologies as the nation emerges as a Global Manufacturing Hub.	April 2004.	National conference on Advances in Mechanical Engg. at JDIET&T College, Yavatmal.
	A critical review of Rapid Manufacturing (A natural Progression from Rapid Prototyping) as the Nation emerges as a Global Manufacturing Hub.,	June, 2004.	National conference on state of art of technologies in Mechanical engineering (NCSAME-2004) college of engineering (Autonomous), Jawaharlal Nehru technological university, Hyderabad-072.
	Ma4. Managing markets and cultures: a conceptual paradigm for the "content" and "context" in the realm of knowledge management practices.	Dec. 2004.	VII Annual Internal Conference of Society of Operations Management NITIE , Mumbai.
	Architectural frame work for curriculum design and course curriculum design and course work to integrate inter disciplinary and enabling technologies to accentuate excellence engineering education and Nation Building.	Dec. .2004	Accepted for poster presentation at the 2004 International Mechanical Engineering Conference & Exposition (MECE) held in Kuwait,
[illegible]	Evaluation of Model based E-Learning Course	Paper accepted	IEEE Transaction in Education. (Accepted for publication)
[illegible]	Generation Expansion Planning Considering Carbon Taxes for Indian Power System,	Nov 2004	International Power System Conference, Katmandu.
	Energy Taxes for Indian Power System	Nov. 2004.	PowerCon, Singapore.
[illegible]	Generalized Scattering Matrix Treatment on Optical Fibers	Feb 2004.	National Communication Conference, IISC Bangalore.
[illegible]	Design and Implementation of Reconfigurable Processor	Jan. 2004.	National Conference on Embedded Systems, IETE Vadodara
[illegible]	Image based Finger Print Recognition	May 2004.	International Conference on Soft Computing,Bihar and Chennai
	Recent trends in Computer & Communication network	July 2004.	National Conference, J.D.I.T Yavatmal
	Emerging Nanotechnology devices: A case study.	April 2004.	National Conference on VLSI Design & Technology, BVCE, New Delhi.
	Finger print based Computer Vision	July 2004.	National Conference on Recent trends in Computer & Communication network, J.D.I.T Yavatmal.
[illegible]	Global Automated Tracking System	Feb. 2005	National Conference on Computer science and Informatics, held at Tiruchirapalli, Tamil Nadu.

H) Details of Training Programme Organized:

Dr. M.M. Murudi:

Professor in Structural Engg. Dept. was the coordinator for two-week staff development programme on " Basic Teaching & Training Competencies in Engineering College Teachers" from 6th to 17th Dec. 2004. The course was conducted by faculty members from National Institute of Technical Teachers training & Research, Bhopal. 36 faculty members from different engineering colleges from all over Maharashtra have participated in the said programme.

Shri. A.R. Kambekar:

Lecture" in Civil Engg. Dept. was the Joint coordinator for two-week staff development programme on " Basic Teaching & Training Competencies in Engineering College Teachers" from 6th to 17th Dec. 2004. The course was conducted by faculty members from National Institute of Technical Teachers Training & Research, Bhopal. 36 faculty members from different engineering colleges from all over Maharashtra have participated in the said programme.

Prof. K. T. Talele & Prof. Deven Shah(Electronics Department): Coordinated 10 days workshop on "Red Hat Enterprise Server 3.0" in Jan. 2005.

Prof. U.D. Kolekar and Prof. S.T. Gandhe:(Electronics Department):Conducted "Maintenance of Oscilloscope & Troubleshooting "at S.P.C.E, Feb 2005.

Prof. K. T. Talele (Electronics Engg. Dept.):

1. Delivered seminar on "Digital Filter Design" in Electrical Dept of SPCE in April 2004.
2. Delivered seminar on "Wavelet Transform" in Information Technology Department of SPCE in Oct 2004.
3. Coordinated two days workshop on "Software Testing" in FEB 2005.
4. Coordinated two days seminar on "Enterprise System Security" in Feb 2005.

Prof. U.D. Kolekar (Electronics Engg. Dept.):

1. Conducted workshop on "Mobile Computing / J2ME / NS2", at S.P.C.E July 2004.

Prof. D. D. Ambawade (Electronics Engg. Dept.):

1. Delivered seminar on, "Wireless Transmission & Satellite Systems", at Air Force Station, Kanheri Hills, Thane on "World Telecom day", May 2004.
2. Delivered seminar on, "Wireless Transmission & Satellite systems", at S.P.C.E March 04.
3. Delivered seminar on, "Firewalls & Internet Security", at S.P.C.E Feb. 2005.
4. Delivered seminar on, " Open Source Software & GNU/LINUX" at Vivekanand college of Engg., on Aug. 2004.
5. Coordinated and Conducted two days workshop on, " Mobile Computing" at S.P.C.E, on March 2004.
6. Coordinated and Conducted workshop on, " System Security" at S.P.C.E, Feb. 2004.
7. Designed & developed Electronics Department and College Website.
8. Designed and developed Internet Teaching Lab. (ITL) in Electronics Department

Prof Radha Shankarmani (I.T. Dept.): Delivered guest lecture in " Simulation and Modeling application " in VJTI and Thadomal Sahani Engg. College Oct 2004.

Prof M.R. Somvanshi (I.T. Dept): Delivered "Network Management" seminar at Yeaor village, Indian Air force Station.

Prof. Deven Shah (I.T. Dept.):

1. Conducted seminar on "Mobile Computing" at Vivekanand Engineering College.
2. Coordinated and Conducted two-day seminar on "Enterprise System Security".
3. Guest Lecturer for Data Warehousing and Mining at Late Bhausaheb Hire College for MCA syllabus.
4. Guest Lecturer for "Infrastructure Management" at S.P Jain – Virginia Tech for Master in IT course.

Computer Engg. Department: The department has organized workshops/seminars on the various topics like:

1) Trends in Information Technology.
2) XML Technology.
3) Web technology.
4) Mobile Networks and Computing.
5) Analysis of algorithm.
6) Data Mining and Data Warehousing.
7) OOAD using Borland ALM
8) System Security
9) Computer Vision

Orientation Program Conducted by Mech. Engg. Dept.

1) Cad /Cam
2) E-commerce & Industrial Finance
3) Production planning control
4) Business Process Reengineering
5) ERP & Industrial Engineering

Value Added Courses conducted by

a. Mechanical Dept. – CAD /CAM
b. STADD training Programme by Structural Dept.

Courses Attended (Electrical Engg. Dept.)

1)	Dr. Shubha Pandit	Energy Audit and Conservation	(1 week) on 17/01/05-21/01/05
2)	Remadevi C.	AC/DC Drives	(2 Weeks) on 22/11/04-03/12/04
3)	Prachi Gharpure	Project Management	(1 Week) on 10/01/05-14/01/05
4)	V.P. Joshi	DSP Hardware and Applications	(2 days) on 26/02/04-27/02/04
5)	Sangita Yamgar	PLC Programming and Application	(2 week) on 10/01/05-20/01/05
6)	Sangita Yamgar	Energy Metering, Monitoring, Calibration and testing as per IS	(2 days) on 21-22/02/05
7)	Umakant Patel	Intelligent Control and Automation	(2 weeks) on 10/01/05-22/01/05
8)	Nitin Bhitre	Intelligent Control and Automation	(2 weeks) on 10/01/05-22/01/05
9)	B B Pimple	PSpice	(1 day) on 14/01/05
10)	Asmita Dalela	PSpice	(1 day) on 14/01/05

I) Testing and Consultancy:

Dr. S.Y. Mhaiskar:

1. Revenue generation – Consultancy of around Rs. 10 Lakhs
2. Testing around Rs. 5 Lakhs. (Jointly with Dr. R.A. Hegde)

The Structural Engg. Department: Earned revenue of Rs. 20.00 lakhs (up to Feb. 2005)

Dr. M.M. Kulkarni: generated revenue in Testing and Consultancy of around Rs. 1 Lakh.

J) First & Second Year Engineering Admission Process:

The Government of Maharashtra entrusted the work of F.E/S.E.Direct/Pharmacy/MBA/MMS/MCA admissions to our College for the entire state of Maharashtra, for all Government Aided and Unaided Engineering Colleges in the State of Maharashtra.

Prof. D. Ambawade was the Coordinator, and **Prof. N.G.Bhitre** was the Joint Coordinator.

K) Faculty recruited in during 2004-2005.

Civil Engineering Department:

Dr. Mrs. Sushma Sinha

Mechanical Engineering Department:

Shri. D.A.Tambe

Electrical Engineering Department:

Ms. Asmita Dalela

Ms. A. G. Sabnis

Retirement of the Teaching and Non-teaching Staff:

Teaching:

Mr. M.C. Chothani (Assistant Professor in the Electrical Engg. Dept.)

Non-teaching:

Shri. D.G.Manjrekar (Storekeeper)

Shri. B.R. Gandhi (Sr. Clerk)

Shri. V.S. Kadam (Tinsmith Plumber)

Shri. P.N. Jadhav (Curator)

Shri. R.K. Singh (Lab. Attendant)

Shri. J.B. Mhatre (Lab. Asst.)

Dr. R.S. Mate
Principal, SPCE

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Principal Dr. R.S. Mate



Joint Principal Dr. S. Y. Mhaiskar

From the Vice-President's Desk:



This is my third year as the Gymkhana Vice President and I really enjoyed these three years of working with my young friends. From July 2005, we are planning to start a post graduate program in Environmental Engineering. I have therefore requested the administration to relieve me from the responsibilities of the Vice President. I hope the administration will accept my request. In anticipation, I thank all the students and teaching and non-teaching staff for their co-operation. I particularly thank the co-operation received from the Principal Dr. R.S. Mate, Joint Principal Dr. S.Y. Mhaiskar and the management. I also thank the co-operation received from Profs. Rajesh Buktar, A.V. Bhonsale, M. M. Murudi, Mrs. Vidya Joshi, Miss Reshma Raskar, B.B. Pimpale and other faculty members in conducting various Gymkhana activities. Se is a major concern particularly in conducting the SPACE night events and I particularly thank the faculty mer who remained present till late night during these events and helped in their smooth conduct.

The election was conducted as per the provisions of Maharashtra University Act and Shri Vidyadhar and Shri Manish Gupta were elected as General Secretary and Cultural Secretary. They put in considerable e in organizing SPACE 2005 and other activities. This year Ankur Dani and Krunal Bhanushali were the S Secretaries for the Outdoor and Indoor events. In the Gymkhana Meetings, we have instructed to give emphasis on sports by including more events. I am happy to note that this year our college participated intercollegiate cricket tournament of the Mumbai University after a gap of many years. Our college was a very s team in these events earlier. I hope in the coming years our boys will make a mark on this event. Athletics e were held for the first time. On a personal note, I enjoyed the Teaching Staff Vs. Non-teaching Staff cricket r organized by the students. Avadhoot Jathar and Kunal Krishna were nominated as the Magazine secretaries. have done an excellent job in bringing out the college magazine under the guidance of Prof. Mrs. Vidya Joshi Ashwini Jain and Miss Sheetal Savalage are the Ladies representatives and they did their job nicely. M Vangmaya Mandal was also very active and organized events like Kavyaspandan and Debating competition from the very popular Bhavspandan under the guidance of Prof. Miss Reshma Raskar. This year the colleg was celebrated on 28th February 2005 and we were fortunate to have Dr. V.N. Gupchup, Ex-Chairman, NBA Chief Guest. The Marathi drama "Eka Lagnachi Gosht" followed by the Prize distribution function was enjoy everybody.

In conclusion, I am satisfied that all the events in the academic year 2004-2005 could be conducted smoothly the SPCE tradition. We could add certain new events particularly in sports. The college magazine 'Disha' ha got a new look. We are also planning to improve the facilities in the Gymnasium and create a new tennis cour make things better.

Dr. M M Kulkarni
Vice President(Gymkhana comm

Annual Day Celebrations



Chief Guest -
Dr. V.N. Gupchup, Ex-Principal, VJTI









Marathi Play - 'Eka Lagnachi Goshta'



ACHIEVEMENTS



Dr. Milind M.Kulkarni, Professor in Civil Engineering Department of Bharatiya Vidya Bhavan's Sardar Patel College of Enginnering, Munshi Nagar, Andheri(West) Mumbai was selected for the Nawab Zain Yar Jung Bahadur Award by the Institution of Engineers (India) for his paper titled "Assessment of human exposure to toxic metals in an Indian metropolitan region". His paper was judged as the best paper in the Environmental Engineering section of the Journal of Institution of Engineers (India). This award consisting of a gold medal and a certificate was presented to him on 17th December 2004 at Hotel Grand Hyatt, Mumbai in the 19th Indian Engineering Congress. Dr. Kulkarni has so far published 20 papers in national and international conferences and journals on the Environmental Engineering topics and visited USA and UK in this connection.



Lt. Shyamalee Solanki at Officers Training Academy, Gwalior

Garhwal Rifles Gold Medal and Trophy for best leadership qualities, motivations and methods of instructions.
Silver Medal and Trophy for standing second in pre-commission course in all India
Best Award for Drill, PT - Company Commander, Practical Ability and cultural activities.



ME MECHANICAL:

Seated(from right): Kaumudi Damle, Mugdha Lakhkar, Elizabeth Joseph Aninthotal, Sandhya Nair.

2nd Row Standing left to right: Manish Pawar, Santosh Gharat,Satish Vishe, Prajwal Meshram, Aseem Raina, Rupesh Sankhe, Sachin Soni, Rajnish Kumar, Nilesh Kadam, Ganesh Nandanwar, Santosh Devde, Vikram Padgaonkar, Anup Samant, Avinash Naik, Ganesh Naik, Arunkumar Sharma.

3rd Row Standing left to right: Vaibhav Wankhade, Bhushan Borade, Shekhar Ganvat, Kunal Dubey, Manoj Bang, Kaushik Patrawala, Neeraj Panhalkar, Kedar Panday, Sachin Patil, Abhay Wane, Prashant Rai, Amit Vartak, Swapnil Karche, Rohit Chitre, Rajeev Rathod.

4th Row Standing left to right: Shreyas Raut, Sanju joseph, Rajesh Barai, Karthik Vishwanathan, Rahul Malgundkar, Pankaj Panjiar, Abhijit Chonkar, Vinay Mhatre, Ashish Gangurde, Amit Pise, Khushroo Patel, Nainish Kashikar, Riaan Rodrigues, Rajarshi Dassharma, Yashbir Sachdev.

Not in picture: Santosh Sanjale, Rishi Kalra, Vishal Jadhav, Nishaant Rathod, Shailesh Patil.



ME - CIVIL

1st Row Standing left to right: Sachin Tahsildar, Gaurav Agarwal, Pallavi Patil, Varsha Kamath, Bhakti Pawale, Amruta Bhat, Sweta Bidaye, Surabhi Kashyap, Gauri Dixit, Sonali Patankar, Yojna Pokhare, Subhalaxmi Roy, Ahana Lahiri, Dinesh Pushkar, Amit More.

2nd Row Standing left to right: Vijay Sawant, Abhijit Pingle, Manish Mattoo, Ashish Sojitra, Sumedh Vijayakar, Sushrut Vaidya, Audumbar Patkar, Tukaram Patade, Karthik Balasubramanian, Jaidutta Lad, Rishiksh Kale, Yogesh Dalvi, Tushar Pawar, Ashish Ekbote, Rishi Srivastava, Mangesh Shinde, Amit Nadkarni, Arun Maurya, Sachin Chilka.

Not in picture: Jun Rai, Sandip Veeramani.



B.E. ELECTRICAL:

1st Row Standing left to right: Siddharth Likhate, Sachin Kesarkar, Sachin Gore, Milind Malichkar, Mangesh Dhakate, Tiksha Kaul, Suvasri Mandal, Pooja Suta
Deodhar, Vijayeta Deharkar, Poonam Joshi, Kunal Salunkhe, Shantanu Teredesai, Tarun Patel.
2nd Row Standing left to right: Milind Desale, Pranay Panad, Sunil Naik,Amit Metkar, Satish Mali, Rahul Bhat, Baban Sahane, Vijay Bhandare, V Vishwanath,
Dwivedi, Pranjal Sankhe, Ravindra Munje, Bhushan Patil, Vikram Swaminathan.
3rd Row Standing left to right: Rahul Shewale, Amit Rathod, Akash Kaware,Lalit Rane, Manish Agarwal, Prasanna Naware, Avadhoot Jathar, Omkar Nayak, Amo
Sujit Purushothaman,Dhananjay Patil.
In Absentia: Mohit Maheshwari, Monil Ruparel.



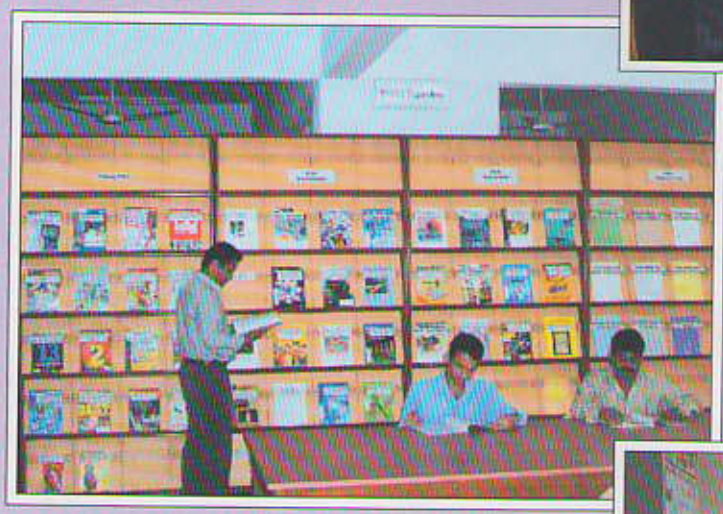
B.E. ELECTRONICS

Seated left to right: Ruchi Agarwal, Priyanka Ankolekar
1st Row Standing left to right: Darshana Supale, Rageshwari Chakravarty, Deepa Madaswamy, Vibha Bamba,Smitha Pisupathy, Manasi bhatnagar, Komal Gujarath
Shah, Deepti Tatawarthy, Nandini Tandon, Keya Pandiya, Smita Damawale, Pallavi Baranwal.
2nd Row Standing left to right: Sandip Patil, Bhavik Gor, Bharat Jayakumar, Bhavesh Badricha, Nilesh Nawage, Akshay Pethe, Susheel Sakhare, Sachin Pukale.
Vartak,Saurabh Kulkarni, Karthik Krishnaswamy, Sujit Nair,Sachin Chothani.
3rd Row Standing left to right: Nishad Tupe, Nilesh Saboo, Sameer Kumar, Divyesh Kharade, Himanshu Madhu, Saidutt Adelkar, Viraj Rane, Ashish Pankh
Subramaniam Badrinarayanan, Alok Thengdi, Siddharth Datta, Arpit Vakhariya, Samarth Mital, Tushar Gosavi.
In Absentia: Sanand Athalye, Sunil Paul Nilayattingal, Kaustubh Vaidya, Prachi Vadhavkar, Kalpesh Padhye, Deepak Mehra, Warren Menzes, Prasanna V.S,Su
PrabhuGaonkar, Neha Rao.

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SARDAR PATEL COLLEGE OF ENGINEERING

The following are the prizes awarded to the students of this college for the year 2003-2004.

KULPATI'S GOLD MEDAL

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. SHINDE JAYESH K. (1st in University)	For securing First Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (CIVIL) Examination held in June 2004.
2	SHRI. MOHOLE AMIT D. (3rd in University)	For securing First Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (MECH.) Examination held in June 2004.
3	SHRI. PATIL DEEPAK K. (1st in University)	For securing First Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (ELECT.) Examination held in June 2004.
4	MS. POL JYOTI GOVIND (2nd in University)	For securing First Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (ELECTRONICS) Examination held in June 2004.
5	SHRI. IYER RAHUL RAMKRISHNA	For securing First Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (COMPUTER) Examination held in June 2004.
6	SHRI. PLAPPALLY SHRIJIT RAMCHANDRA	For securing First Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (I.T.) Examination held in June 2004.

KULPATI'S SILVER MEDAL

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. PATIL PRASHANT J. (3rd in University)	For securing Second Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (CIVIL) Examination held in June 2004.
2	SHRI. KULKARNI KAUSTUBH H.	For securing Second Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (MECH.) Examination held in June 2004.
3	SHRI. CHAVAN PANKAJ P. (2nd in University)	For securing Second Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (ELECT.) Examination held in June 2004.
4	MS. GAIKWAD CHAITALI AJIT	For securing Second Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (ELECTRONICS) Examination held in June 2004.
5	MS. AGARWAL TANUSHREE KAUSHAL	For securing Second Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (COMPUTER) Examination held in June 2004.
6	MS. MEHTA SALLONI NAGIN	For securing Second Rank in First Attempt amongst student of this college and First Class with Distinction in B.E. (I.T.) Examination held in June 2004.

SHRI PRUTUVISH NARAYANDAS KILLAWALLA PRIZE OF RS. 100/- EACH

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	MS. AKSHATA VASANTHA M.	For securing Highest Marks in First Attempt amongst student of this college at F.E. (ELECTRICAL) Examination held in May 2004 and joined in S.E. (ELECTRICAL) in the year 2004-05.
2	SHRI. DANI ANKUR S.	For securing Highest Marks in First Attempt amongst student of this college at S.E. (ELECTRICAL) Examination held in May 2004 and joined in T.E. (ELECTRICAL) in the year 2004-05.
3	SHRI. LIKHATE SIDDHARTH R.	For securing Highest Marks in First Attempt amongst student of this college at T.E. (ELECTRICAL) Examination held in May 2004 and joined in B.E. (ELECTRICAL) in the year 2004-05.
4	SHRI. PATIL DEEPAK K.	For securing Highest Marks in First Attempt amongst student of this college at B.E. (ELECTRICAL) Examination held in May 2004.

SHRIPAD RAO DUBHASHI PRIZE OF RS. 75/-

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. SAWANT VIJAY SARJERAO	For securing Highest Marks amongst our successful college students in the subject of "Building Design and Drawing" in T.E. (Civil) Sem. V examination held in December 2003.

SMT. AHILYABAI TEMBE PRIZE OF RS. 100/-

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. PATIL PRASHANT J.	For standing First in the subject of "Design and Drawing of Concrete Structures" in B.E. (Civil) Sem. VIII examination held in June, 2004

SHRI R.N.JOSHI PRIZE OF RS. 100/-

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. SHINDE JAYESH K.	Has been awarded Prof. R.N.Joshi Prize for securing highest marks in Sem. VII and Sem. VIII (CIVIL) taken together and passing separately during 2003-04

DR. PRANLAL PATEL FOUNDATION PRIZE OF RS. 500/- EACH

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. RAO RAJEEV A.	Has been awarded Dr. Pranlal Patel Prize for securing the highest percentage of marks in F.E. (Mechanical) examination at the first attempt during 2003-04.
2	SHRI. DHOLYE VINIT V.	Has been awarded Dr. Pranlal Patel Prize for securing the highest percentage of marks in S.E. (Mechanical) examination at the first attempt during 2003-04.
3	SHRI. KARTHIK VISHVANATH	Has been awarded Dr. Pranlal Patel Prize for securing the highest percentage of marks in T.E. (Mechanical) examination at the first attempt during 2003-04.

SHRI JAYANTI SATYANARAYNA MEMORIAL PRIZE OF RS. 50/-

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. PATADE TUKARAM B.	For securing highest percentage of marks in the subject "Structural Analysis" Sem. V at the T.E. (Civil) examination held in December 2003.

SHRI MARATHE MEMORIAL PRIZE OF RS. 500/- EACH

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. LIMAYE NACHIKET V.	For securing highest percentage of marks in the subject "Engineering Mechanics" Sem. I at the F.E. examination held in 2003-04.

SHRI MARATHE MEMORIAL PRIZE OF RS. 250/- EACH

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. KHARE YOGESH PRAKASH	For securing highest percentage of marks in the subject "Strength of Materials" Sem. III at the S.E. (Civil) examination held in 2003-04.
2	SHRI. DHOLYE VINIT V.	For securing highest percentage of marks in the subject "Strength of Materials" Sem. III at the S.E. (Mechanical) examination held in 2003-04.

BENGAL ENGINEERING COLLEGE ALUMNI ASSOCIATION (BOMBAY BRANCH)

TRUST SCHOLARSHIP OF RS. 2000/- EACH

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. NADKARNI AMIT	For securing highest marks in first attempt amongst students of this college of T.E. (CIVIL) examination held in May 2004.
2	SHRI. KARTHIK VISHWANATHAN	For securing highest marks in first attempt amongst students of this college of T.E. (MECHANICAL) examination held in May 2004.
3	SHRI. LIKHATE SIDDHARTH	For securing highest marks in first attempt amongst students of this college of T.E. (ELECTRICAL) examination held in May 2004.
4	KUM. PANDIA KEYA RAJEEV	For securing highest marks in first attempt amongst students of this college of T.E. (ELECTRONICS) examination held in May 2004.

INDIAN WATER WORK ASSOCIATION (BOMBAY CENTRE) CASH PRIZE OF RS. 400/-

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI.PRASHANT PATIL.	For securing highest marks in subject "Environmental Engineering" B.E. (Civil) Sem. VII examination held in December 2003.

DR. G.A.MHASKAR & DR. B.M.JOSHI PRIZE OF RS. 130/-

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. PATIL DEEPAK	For securing 1st Rank in B.E. (Electrical) Class.
2	MS. POL JYOTI GOVIND	For securing 1st Rank in B.E. (Electronics) Class.
3	SHRI. IYER RAHUL RAMKRISHNA	For securing 1st Rank in B.E. (Computer) Class.
4	SHRI. PLAPPALLY SHRIJIT RAMCHANDRA	For securing 1st Rank in B.E. (I.T.) Class.

JADHAVPUR UNIVERSITY ALUMNI ASSOCIATION (BOMBAY BRANCH) TRUST

SCHOLARSHIPS OF RS. 1000/- EACH

SR. NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	SHRI. NADKARNI AMIT	For securing highest marks in first attempt amongst students of this college of T.E. (Civil) examination held in May 2004.
2	SHRI. KARTHIK VISHWANATHAN	For securing highest marks in first attempt amongst students of this college of T.E. (Mechanical) examination held in May 2004.
3	SHRI. LIKHATE SIDDHARTH	For securing highest marks in first attempt amongst students of this college of T.E. (Electrical) examination held in May 2004.

MERIT PRIZE ON THE BASIS OF MERIT IN THE PRECEDING EXAMINATION HELD IN MAY / JUNE 2004.

F.E.	1. BHATT SEHUL S. 2. HOLEY AMIT SUDHIR 3. SINGHVI VIKAS L.
S.E. CIVIL	1. KHARE YOGESH PRAKASH 2. RAWALE MAHARISHI S. 3. BHAGWAT MADHAV SUDHIR

MERIT PRIZE ON THE BASIS OF MERIT IN THE PRECEDING EXAMINATION HELD IN MAY / JUNE 2004.

S.E. MECH	1. DHOLYE VINIT VILAS. 2. BHAT BHALCHANDRA GANESH. 3. GALA ANKIT JITENDRA
S.E. ELECT	1. DANI ANKUR SURESH. 2. BHISE VIDYADHAR NEELKANTH 3. SAVALGE SHEETAL K.
S.E. ELECTRONICS	1. TARKAS ANKIT RAJESH 2. SHAH JIMIT JASMIN 3. DAPTARDAR MOHIT VIJAYKUMAR
S.E. COMPUTER	1. GUPTA MANISH SHANKAR 2. BHANUSHALI KRUNAL PREMJI 3 KRISHNA KUNAL
S.E. I.T.	1. GHARAT ANVAY MOHAN 2. JAIN ASHWINI ASHOK 3. VELANKAR SAGAR SURYAKANT
T.E. CIVIL	1. NADKARNI AMIT CHIDANAND 2. PATANKAR RUPALI SURESH 3. MAURYA ARUNKUMAR SITARAM
T.E. MECH	1. KARTHIK VISHVANATHAN 2. PATRAWALA KAUSHIK TANVIR 3. DAMLE KAUMUDI KETAN
T.E. ELECT	1. LIKHATE SIDDHARTH RAVINDRA 2. BHAT RAHUL KRISHNA 3. SAHANE BABAN PRABHAKAR
T.E. ELECTRONICS	1. PANDIA KEYA RAJEEV 2. BHATNAGAR MANSI VIRENDRA 3. MITAL SAMARTH SUDHIR
T.E. COMPUTER	1. GUPTA RAVI MURARILAL 2. GANGAN RAHUL VISHNU 3. KAMAT RESHMA GANESH
T.E. I.T.	1. SINGH HARJEET AMARJEET 2. VIRA DEVANG NEMIDAS 3. SAWANT UMA KAMLAKAR
B.E. Civil	1. SHINDE JAYESH K. 2. PATIL PRASHANT. 3. MUDHALE KASHINATH D
B.E. MECH	1. MOHOLE AMIT D. 2. KULKARNI KAUSTUBH R. 3. TANDEL YOGESH J.
B.E. ELECT	1. PATIL DEEPAK K. 2. CHAVAN PANKAJ P. 3. CHAVAN VISHAL G.
B.E. ELECTRONICS	1. POL JYOTI GOVIND 2. GAIKWAD CHAITALI AJIT 3. MEHTA SAMEER PRADEEP
B.E. COMPUTER	1. IYER RAHUL RAMKRISHNA 2. AGARWAL TANUSHREE KAUSHAL 3. GUPTA SUMIT ASHOK
B.E. I.T.	1. PLAPPALLY SHRIJIT RAMCHANDRA 2. MEHTA SALLONI NAGIN 3. AMRITA RAMANATHAN UMA 4. KURYIL SUBIN BALASUBRAMANIAN 5. SALIA GAURAV NAMEJI 6. GHARAT KULDEEP MOHAN 7. SAHA MAYURIKA PIYUSH 8. SAWANT NEELA KAMLAKAR

MERIT PRIZE OF RS. 100/- EACH (OR BOOKS WORTH THE AMOUNT) AWARDED BY THE DEPARTMENT OF STRUCTURAL ENGINEERING TO THE STUDENTS OBTAINING THE FIRST CLASS AND GETTING HIGHEST NUMBERS OF MARKS IN ALL STRUCTURAL ENGINEERING SUBJECTS TAKEN TOGETHER AT THE F.E. (CIVIL), S.E. (CIVIL) T.E. (CIVIL) AND B.E. (CIVIL)

EXAMINATION HELD IN THE YEAR 2003 – 2004.

SR.NO.	EXAM.	NAME
1	F.E. (CIVIL)	BAHL ANANT SAURABH
2	S.E. (CIVIL)	KHARE YOGESH PRAKASH
3	T.E. (CIVIL)	PATANKAR RUPALI SURESH
4	B.E. (CIVIL)	PATIL PRASHANT JEEVANRAO

COMMUNICATION SKILL PRIZE AWARDED BY STRUCTURAL DEPARTMENT FOR F.E. CLASS

SR.NO.	NAME OF THE CANDIDATE	PRIZE AWARDED
1	MS. FERNANDEZ TRISHKA MENIN	FOR GETTING MAX. MARKS IN C.S. SUBJECT

GENERAL SECRETARY'S REPORT



The year 2004-2005 was an exceptional year in all respects. The newly elected Students' council started working from the 1st of October 2004 with a vision to give their 100% to the activities of the college.

The first major event of the year activity was the Technical Festival Nirmaan'04 organized by IEEE-SPCE along with CEA and MESA. This was the first time that NIRMAAN'04 was held at the intercollegiate level. The success of the event was due to the excellent guidance of Prof. M. M. Kulkarni, Prof. Prachi Gharpure and the other teachers plus the workforce of FEs, SEs and TEs.

The next event to follow was a Blood Donation Camp organized by Lions Club of Juhu and SPCE. The camp ha tremendous response, as many as 197 students and professors from our college donated blood on that day. received extra-ordinary help from all the students in volunteering and doing all sorts of work, which was requ during the camp. Overall it was a proud moment for SPCE. SPCE has always been associated with Social Cau and it was proved once again that WE are always there for Society.

The odd semester ended and we entered the even semester with the responsibility of organizing the intra colleg festival TECHNOBREAK 2005. The SPACE Core Committee - Manish Gupta(CS), Abhinav Guha(Chairman), M Daptardar(Head of Finance), Anvay Gharat(Head of Administration), Bhalchandra Bhat(Head of Technical Sect along with me started working in the month of December. We started off with a bang as we got tremendous respon from Second Year students for the Finance work of SPACE-05. They did any work which was allotted to them TECHNOBREAK. Out of the 390 first year students 260 Students registered their names for volunteering and 10 them gave their photos on the spot. The response was overwhelming and we were stunned to see so much sup and enthusiasm.

The Alumni Meet was held on 2nd January and this received tremendous response from the alumni of the colle Students from 1960's also participated. The batch of 1979 was felicitated on their 25th anniversary. The founder of L Group was the Chief Guest for the Alumni meet this year. Prof. V.D. Raul, Prof. V.V. Gandhewar, Prof. H.A. Jos guided the students along with the alumni committee for organizing this meet.

Next we had our intra collegiate cultural festival TECHNOBREAK'05. The festival was the entrance exam for t SPACE committee, set by the management for SPACE'05. And the SPACE Committee passed it with Flying Colou All FEs, SEs and TEs worked wholeheartedly for TECHNOBREAK and made it a grand success.TECHNOBREAK saw the biggest celebrity attendance ever, thanks to the Judges Committee. Some of the celebrities were Mo Alesia Raut, TV star Himanshi Chaudhary and Singer Swaroop Anand. Along with the day events TECHNOBRE hugely successful night events, Fashion Show and Visual Impact. Alesia Raut rocked the Visual Impact night wit mind-blowing performance. The winners of the TECHNOBREAK shield were B.E. (I.T.). The festival's success w not only due to the immense hard work of the students but also due to the co-operation by the teaching and no teaching staff. Dr. M.M. Kulkarni, Prof. R.B. Buktar and Prof. V.V. Gandhewar guided the committee in every possi way and were the pillars of all our efforts. They were with us in whatever situations we faced and the committee grateful to them. Joint Principal Dr. S.Y. Mhaiskar helped us with quick permissions and guidance. All in TECHNOBREAK was a huge success and the SPACE Core Committee passed the entrance exam and now w ready to appear for SPACE with all guns blazing.

Next to follow was Torque'05, organized by MESA. It was previously known as Mechspeak but this time MESA peop converted this Tech fest into a techno-cultural fest. The festival was held on a bigger scale than any year. Mechani students worked very hard for the fest and did a great job with the festival. Torque was a grand success with efforts President Vineet Dholye, General Secretary Khozema Filmwala and all the fellow mechanical students

Now, it was the time for the climax of all the annual activities, the much awaited SPACE'05. The committee work hard for two and a half months. The Finance team spent days and nights in calculations. I never saw the Chairm sleeping without at least once tallying all the figures. The Management team never ended their day without taking t overall report. The admin team never slept more than 4 hours in the night in the last ten days before SPACE. T

Publicity team had almost forgotten their way back to college, they never bothered about day or night, but worked hard for SPACE. FEs, SEs, TEs - everyone involved in SPACE committee toiled. Volunteers, Organisers or Coordinators never said that this isn't our work but worked in every manner that they could, and therein lies the success of SPACE'05. Everyone felt that this is OURS. SPACE rocked as always but saw a bigger celebrity attendance than ever, again thanks to the Judges Committee. The day events were a great success than any year. The Pronites again represented the pinnacle of entertainment. The first Pronite was the D.J. night held in the Quadrangle. D.J. Ryan Beck rocked the SPCEites. The second Pronite was the Live Performance by Avadhoot Gupte and Vaishali Samant. The crowd went crazy with the electrifying performance. After the show many B.E. students told me that we had had one of the best Pronites ever. The celebrities were equally happy for giving them a chance to perform for a college crowd, as they had never had such an interaction before. The third Pronite saw a visual feast i.e. Visual Impact, the Intercollegiate Dance Competition. 10 colleges participated and the celebrity judges included Sushma Reddy, Himanshi Chaudhary and Model Tamanna. The Pronites were blessed with presence of our Principal Dr. R.S. Mate. The proceedings went smoothly as we had guidance from Dr. M.M. Kulkarni, Prof. R.B. Buktar, Prof. V.V. Gandhewar , all HODs and all the other professors who helped us in everyway they can. All in all SPACE was a great success with all forces combining in right directions. The Logistics Team, The Security Team, The Publicity Team, Treasurer Yogesh Tarate, management team Rajdeep Sharma and Varun Rajkumar alongwith Sameer Dhar and Hrishikesh Dani helped in making SPACE a memorable event. In spite of many obstacles the SPACE committee with all its unity and hard work overcame the situation and achieved its ultimate goal.

Next to follow was the Annual Day. This year we had Dr. V.N. Gupchup, Ex-Principal, VJTI as our Chief Guest. He delivered a mesmerizing speech for the aspiring engineers. The show included an interview of Dr. M.M. Kulkarni, which was telecast on ETV Marathi. The superhit Marathi Drama "Eka Lagnachi Goshta" followed the Prize Distribution. The audiences were very pleased with performance of Prashant Damle and other artistes.

CEA conducted its Festival NIRMITI on 11th and 12th March and was a success with efforts from CEA GS Yogesh Khare and his classmates. Marathi Vangmay Mandal of the college held its activities as every year and Bhavaspandan was successful as usual.

Awaited cultural events are Rose Day and BE farewell.All in all the year saw a "mixture of unity and diversity" and not "unity in diversity".

"The Winner is the one who never makes the Loser feel like Loser."

And that's what the council achieved this year. I would like to thank the council - Manish Gupta(CS), Ankur Dani(SS), Khanal Bhanushali (SS), Kunal Krishna(MS), Avadhoot Jathar(MS), Sheetal Savalage(LR) and Ashwini Jain(LR). The hard work of all branches of our college had its mark on the year's success.

The success wouldn't have been possible without the Professors who always have been the pillars of the college activities. Principal Dr. R.S. Mate, Joint Principal Dr. S.Y. Mhaiskar, Dr. M.M. Kulkarni, Prof. R.B. Buktar, Prof. V.V. Gandhewar, Mr. Jagtap all HODs and the concerned professors guided us and helped us in every manner and I would like to thank them on behalf of all the students of college. I would also like to thank all the non-teaching staff of the college for their cooperation. I would specially like to thank the hostel students for their extreme support in anything I needed anytime, as the committee consisted mainly of hostel people. Finally I thank all the students of SPCE who helped the Council and various Committees and participated in every Gymkhana Activity whole heartedly. Also, I thank many of the unknown well wishers. And if by mistake I have forgotten any name, sorry and thank you very much.

"The elections,
The controversies,
The unity,
The hard work
And
The success
THE LEGACY continues....."

Vidyadhar Bhise,
General Secretary(TE Electrical)

CULTURAL SECRETARY'S REPORT

"Rome was not built in a day"



As we all know, *"Well begun is half done"* we began the preparations for the cultural events with the first day of the vacations.

The first cultural event of the year was Techno Break, which was a great success. It was organized on the 20th & 21st of January 2005. There were over 40 events organized during the two days of the event. The Pronites included Visual Impact and Rampage. Once again the B.E.s showed that they are the best at winning shields with B.E.(IT) as the winner of the Techno break shield 2005. I would like to thank our ex-officio for Techno break Prof. V.V. Gandhewar for guiding us throughout the event.

Then next event that took place was SPACE. It was organized on the 17, 18 and 19th of February. As usual, it promised to be three days full of fun, away from the mundane lectures and practicals. The theme this time around w Aquatica – the ocean of bliss where we tried to replicate the submerged world. There were a plethora of events organized dur the three days under various categories like technical, musical, performing arts, fine arts, oratory, literary and special. In all o 65 events were organized. We had the likes of Alesia Raut, Himanshi Chaudhary, Sushma Reddy visiting SPACE as judge

On the evening of 17th we had D.J. night in the quadrangle and the entire SPCE was dancing to the tunes of Mr. Ryan Beck Enigma fame. On the 18th we had a celebrity performance by Vaishali Samant & Avadhoot Gupte. A crowd of over 2000 w present during the night. Lastly we had Visual impact, the inter-college dance competition on the 19th. A total of 9 teams participa in the competition with Vidyavardhini College emerging as the winners. I would like to thank our ex-officio Prof. Rajesh Bukthar helping and guiding us throughout the semester. I would also like to thank our gymkhana vice-president Dr. M. M. Kulkarni for help us with his expert guidance and standing by us in times of trouble.

An event of such a large scale is bound to attract a lot of organizational problems. As such, I would like to thank our fell students Sameer Dhar, Agasthi and Kunal Agarwal who really helped us during those testing times. I would also like to tha all the seniors who helped us throughout the event.

I would like to thank the Space Core Committee: General Secretary -Vidyadhar Bhise, Chairman – Abhinav Guha, Head Finance – Mohit Daptardar, Head of Admin – Anvay Gharat, Head of Technical Section – Bhalchandra Bhatt for their consta support and hard work. I would like to specially thank the Chairman - Abhinav Guha for being able to handle the proble pertaining to the event in a professional manner.

I would also like to thank the other prominent members of the Space team including the two chief event co-ordinators Abhi Dhote and Swapnil Mundada, Management team members Rajdeep and Varun, the head of publicity Puneet Deotale, th head of operations Sachin Tayde, logistics heads Abhijeet & Uttam, the six special event co-ordinators, Vaibhav Gampawa the volunteer managers and the various team members. It was the joint effort of the various teams including the administratio finance, publicity, technical, special task force, security, refreshment, judges, decoration, and the logistics team that mad the event successful.

Bhavspandan was organized on the 10th of March under the guidance of Reshma Raskar of Civil Engineering Departmen As this report goes to press we are still involved in the preparation of the last two events of the academic year – BE Farewe and Rose Day, both of which I am sure will live up to the expectations.

I would like to thank our honourable Principal Dr. R.S.Mate,Joint Principal Dr. S.Y.Mhaiskar, and Gymkhana vice-president Dr. M. M Kulkarni for allowing us to go ahead with the cultural activities of the year. I would also like to thank the other council members, Ladie representatives – Ashwini Jain and Sheetal Savalge, Magazine secretaries – Avadhoot Jathar and Kunal Krishna, Sports secretarie – Ankur Dani and Krunal Bhanushali. It was a great experience working with them.

Finally, I would like to thank the Heads of Departments of all the branches for granting us permission to use various resource throughout the event without which it would have been very difficult to organize the events. I would like thank the staff of the accounts section that helped us during financial urgencies.

I have learnt a great deal during this entire experience. It has taught me virtues like patience, team-building and of course management. I believe this whole experience will make me grow as an individual. I feel honoured and I am grateful to thi college for giving me the opportunity to serve it.

Last but not the least; I would like to thank each and every SPCEite for their co-operation and contribution towards the cultural events of the whole year.

Manish Gupta,Cultural Secretary ,TE (Computers)

SPORTS SECRETARIES' REPORT

"With greater power come greater responsibilities"





This famous line had come to our mind when we were first appointed as the sports secretaries of SPCE. We knew that the post of SS of such a "sporty" & "lively" college definitely had a lot of responsibilities to be fulfilled. We started with our sports festival "SPIRIT" on 17th January 2005.

Our first event was the interclass Box Cricket tournament. SE Electronics emerged as the champions beating TE Mech in the finals. The team effort stood out in the end & individual performances culminated into the team being crowned champions. Now the focus shifted to Bhavan's ground which hosted the interclass Cricket tournament. SE Civil emerged as the champions beating BE IT. The tournament witnessed a climactic match between the Teaching & Non-teaching staff. We are extremely delighted to state that gauging from the response & the quality of play, we have immense sporting talent especially among the ladies. Teams from different branches participated in the Interfaculty girls' Box Cricket tournament. The final was played between IT & Electronics. Girls from IT emerged as the Champions convincingly.

Shri Vinod Deshpande(Former Ranji Trophy Player),along with Shri M.M.Kulkarni (Vice President, Gymkhana Committee) selected the Cricket team. It was after a gap of 19 years that SPCE participated in the University Cricket tournament. Our Cricket team also participated in the VJTI intercollegiate sports meet –ENTHUSIA 05.It was a cakewalk for the team till the quarterfinals. Unfortunately our team was defeated by Khalsa College in the semis by 27 runs. We are sure that the SPCE Cricket team will surely try their best in future to bring home the wonderful aroma of success & taste of victory.

An athletic meet was organized at Bhavan's ground on 7th & 8th FEB 2005 for the first time in the history of SPCE. This athletic meet attracted a crowd of 200 students (girls & boys) from different branches of our college. There was a variety of events, which were organized in the span of 2 days, namely, 100m sprint, 200m sprint, 400m sprint, Relay race, Long jump & Shot put. Muthu Kumar (TE Electronics) and Nidhi Shah(BE IT) were the winners in male and female categories respectively. The winners of various events were given prizes at the Annual day function, held on 28th Feb 2005.

An interclass Rink football tournament was organized at Bhavan's ground on 25th,27th &28th Jan 2005.All together 17 teams participated in the event. TE IT A & BE IT made it to the finals. The juniors won the energy-sapping contest with a score of 1-0. After SPACE-05, the last event which was witnessed by the college was Inter-faculty football tournament. This tournament was organized on 21st & 22nd Feb 2005. The team from CIVIL department won against IT department. The match was won on penalties.

Our football team did play in the University tournament for the first time in the month of Sep.2004. The beginning of Jan.2005 saw students practising hard for the various inter college events. Our team first participated in Enthusia-05 (VJTI), where we were knocked out by Khalsa College in the second round, which is considered to be the best team in Mumbai. The team also tasted defeat at St.Francis, Borivali. Now it was time for the players to sit down & learn from their mistakes. They played the next tournament with renewed vigour and went on to win the event at Vidyasankar Institute of technology, Wadala

Our volleyball team has proved that they are the undisputed champions amongst all the engineering colleges in Mumb by winning gold medals in 3 major tournaments. One of the major tournament victories was at ENTHUSIA-05.

The details of the winners of remaining sports activities are as follows :

Intra-College Tournaments:

Badminton (boys)	Sushant Wadh (SE COMP)
Carrom	Lalit Zope (TE Electrical)

Inter-College Tournaments:

Basketball (boys)	Don Bosco IoT, Kurla
Volleyball (boys)	SPCE, Andheri
Throw ball (girls)	St. Francis IoT,Borivali.
Table Tennis (boys)	Vartak IoT,Vasai.
Carrom	SPCE, Andheri
Chess	VJTI

It is said that Team work divides the task & doubles the success. So,such an action-packed, nerve wrecking thrilling year would not have been possible without the help of our colleagues & friends. We would like to specia thank Sachin Gore(BE Electrical), Muthu Kumar (TE ETRX), Sheetal Savalge (TE Electrical)& Ashwini Jain(T IT)for their support .We would also like to thank Prof.B.B.Pimple(Sports Ex-officio) & Prof.M.M.Kulkarni(Gymkha Vice president)for their enormous support & guidance. It was a great pleasure working as sports secretaries SPCE. We would like to take this opportunity to wish our successors all the best. Finally, before we end o report we would like to thank all fellow students for making this year the most memorable of our life. And w conclude by saying.

Impossible is just a big word thrown
Around by small men who find it easier
To live in the world they've been given
Than to explore the power they have
To change it. Impossible is not a fact.
It's an opinion. Impossible is not a
Declaration. It's a dare. Impossible is
Potential. Impossible is temporary.
Impossible is NOTHING.

Krunal Bhanushali
TE (Computers)
Internal Sports Secretary

Ankur Dani
TE (Electrical)
External Sports Secretary

IEEE- A BEACON TO STUDENTS OF ENGINEERING

IEEE (Institute of Electrical and Electronic Engineers) is an international organization having its roots in many Engineering colleges and institutions of repute working towards enhancement of the quality of engineering education.

The activities of IEEE in Sardar Patel College of Engineering, Mumbai during the academic Year 2004-05 were multifarious.

NIRMAAN, the festival actively organized by IEEE in the college, with participation from other organizations was organized on an inter-collegiate level for the first time. With the support and co-operation from the various colleges in Mumbai, this year the Festival surpassed all expectations in terms of its grandeur, quality of events and also the participation it elicited from all. There was a plethora of events in various categories, eliciting participation from approximately 2000 students from nearly 25 different colleges in Mumbai. The enthusiasm with which students participated in the various events and the creativity shown by them proved beyond doubt that the idea of Nirmaan was well conceived and well executed and that it has really come of age.

IEEE also actively organized various seminars and workshops to enhance the knowledge and vision of the students. Notable among them was the one conducted by Mr. Shrijit Plapally, an alumnus of the college, on "Taking the GRE and CAT" - he also gave us wonderful insights into life at IIM, Ahmedabad.

Another memorable seminar was conducted by Atos Origin on "Project Management". It was especially beneficial for final year students who are going to take up projects in many multinational companies.

IEEE also joined hands with the SPCE-Gymkhana in hosting a week long Energy Conservation Drive under which we had activities like a Poster making Competition and a seminar by Mr.K.Vijayakumar (Energy Auditor form Hindustan Petroleum Corporation Ltd).

The activities of IEEE during the year caught the attention of many students who also wished to become members of the organization, participate in its activities and contribute their mite to its betterment. Thus the membership rose by a whopping 200 percent during the year.

The Industrial Tour organized by IEEE was noteworthy for its special features. It was for the first time that a six-day tour was well organized to a place outside the state- Goa. The participants were students from the first to the fourth year of engineering. The trip covered the visits to the manufacturing facilities of various industries like Zuari Agro-chemical Industries, D-link, Goa Instruments, Control Net and Reliance Industries. The trip provided the students with an insight into the actual working of the industries, which they would have to handle in future. The trip also had its share of fun in the form of well-organized parties, bonfire, and music and enhanced the bonhomie among the students.

IEEE will not rest on its laurels achieved during the year 2004-05, but will forge ahead to be a vibrant organization to set and achieve higher standards of excellence in engineering education.

IEEE SPCE Executive Committee

ExCom-2004-05

"2005 SPCE PLACEMENT RUN" SHAMES EVEN THE GREAT INDIAN BULL RUN!!!

If the worlds' standing up & acknowledging the presence of the Great Indian Tiger at the global economic front, t placement scenario at Sardar Patel College Of Engineering is not to be left behind. If the sheer statistics are anythi to go by, SPCE is experiencing a Big Bang at the Training & Placement Cell with it raining jobs and more jobs all rou the year 2004-05.

Under the acuity of our H'ble Training & Placement Officers Mr. Harshad Joshi and Mr. Vijay Gandhewar, this yea placement buzz started early on in June with a pioneering Orientation Program where HR personnel from preemine companies like Tata Consultancy Services & Patni Computers gave our then novice Final Year students an insight in t seemingly convoluted yet intriguing Campus Recruitment procedure employed by companies visiting our campus. It a seemed like a piece of cake and our students garnished it with the perfect icing, palpable from the Placement Boom w experienced at the onset itself. When the first wave of TCS and Infosys hit our campus, SPCE accomplished t milestones-Placing a record 82 students in the first two companies itself & more notably, for the first time in the history SPCE, offering an official Dream Company Option to our students who made the most of it with around 16 studen garnering two offers. From there on, there was no looking back and the figures skyrocketed at blistering pace. Th melting pot at SPCE churned all the more with students earning offers from a gamut of industries, ranging from Softwa to Automotive, FMCG to Banking, Telecom to Construction, Engineering Consultancy to Marketing. During the eventf year, SPCE added some premium companies like IBM, Amdocs (Highest paying recruiter doling out a staggering 3. lacs pa), TCE, MGL, Marico to its kitty. Last years' all time high of 238 didn't seem so distant now & before knowing it, w were on the threshold of creating a record in the midst of last semester. With a whole month & a half still to go, to wh new heights our placements will soar is anybody's guess!!! The year also saw the metamorphosis of our Training Placement Cell from a crammed up cubicle where one could barely move around to a sprawling 1200 sq.ft. office, fu furnished with three Personal Interview cabins and one Group Discussion-cum-Board Room. The acquisition of a equally opulent Conference Room complete with an LCD projector and a laptop was the cherry on top of the cake, all o which helped us hold the attention of corporate guests visiting our campus.

The contribution of our TPO wasn't just limited to the burgeoning placement figures. Through their busy schedules, the found time to organize several programmes fostering the Industry-Institute Interface. Most noteworthy among them were the Campus Connect program run by Infosys Technologies, Students' Scholarship program initiated by Siemens Apprenticeship Job Fair organized in conjunction with BOAT, & umpteen Software and BPO job fairs pulled off under the 'timesjob.com' umbrella. Our Training & Placement cell also assisted our annual assortment of various cultural & technica festivals in fetching sizeable funds from the corporate community, whereby the likes of TCS and L&T gladly obliged. The credit of orchestrating a number of Industrial Visits as well as guest lectures advocated by seasoned & elite faculty from the industry undoubtedly goes to our TPO. Our students also benefited from the Summer Training program as well as some Final Year Projects the TPO dished out by leveraging the brand name of SPCE in the corporate world.

Even as we speak now, our students are undergoing a recruitment procedure at a reputed organization-a telltale sig of things to come. It remains an undisputed fact that SPCE enjoys some of the best & enviable placements in the engineering circles. So students, rest assured!!! So long as our Training & Placement Cell does what it's best at, your futures' bright!! Lest you forget these placements are products of the seamless & painstaking toil of...

Mr. Harshad Joshi & Mr. Vijay Gandhewar **(Training & Placement Officers, SPCE)**

MEMBERS OF THE STUDENTS PLACEMENT COMMITTEE 2004-05: B.E. IT- (Jatin Dave, Rushabh Rambhia, Hardik Shah, Mayank Shah, Radhika Bansal)...B.E. COMP- (Rajeev Chajjer, Ashish Chopra)...B.E. ETRX- (Karthik K., Prasanna V.)...B.E. ELECT-(Ashutosh Dwivedi, Manish Agrawal, Avdhoot Jathar)...B.E. CIVIL- (Subhalaxmi Roy, Vijay Sawant)...B.E. MECH- (Vaibhav Wankhade, Yashbir Sachdev, Nilesh Kadam)

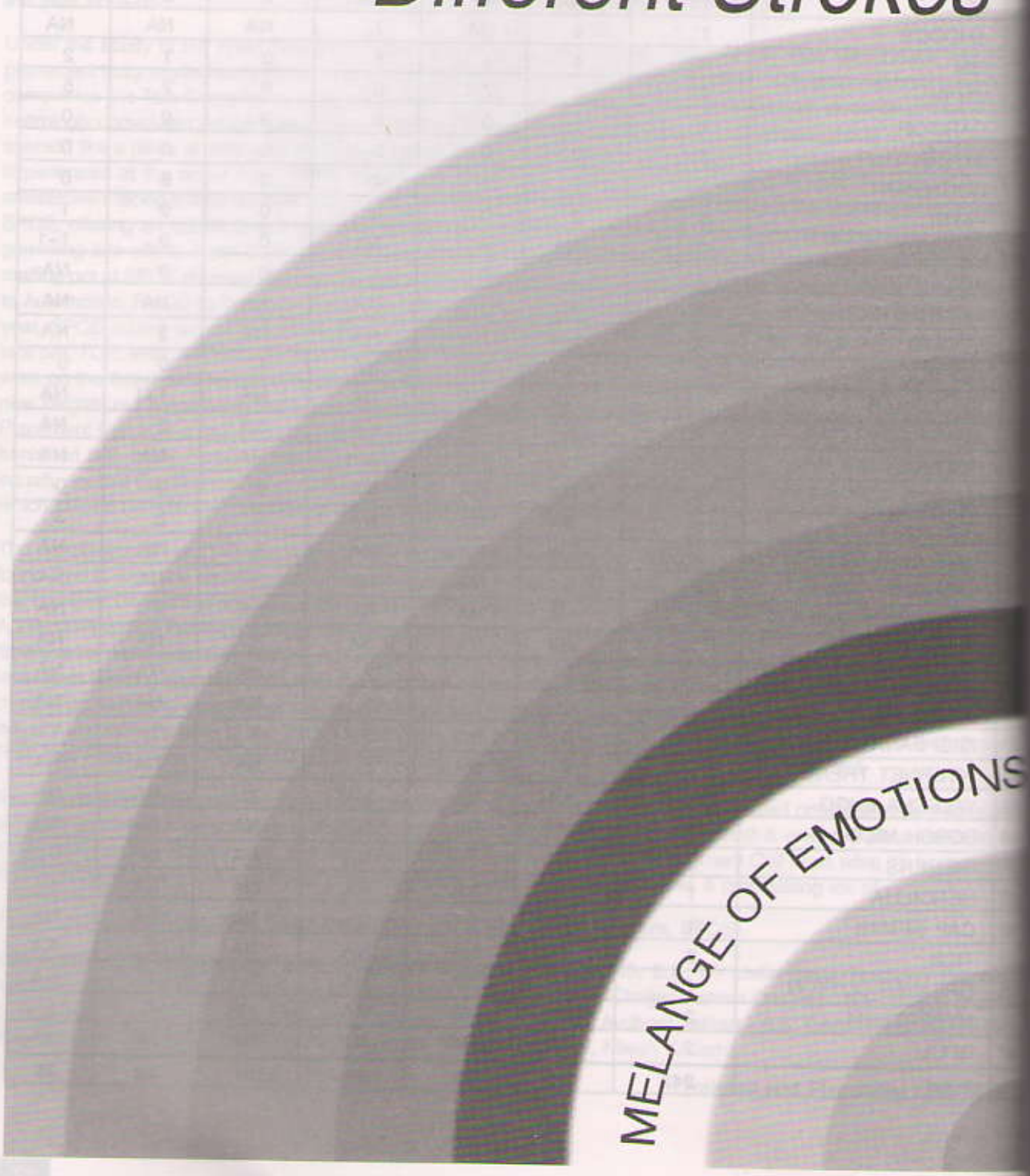
Training and Placement Cell, SPCE

SARDAR PATEL COLLEGE OF ENGINEERING

PLACEMENTS-(2004-2005) TILL 5 APRIL 2005

NO	Name of the Company	Total	COMP	ETRX	I.T.	CIVIL	MECH	ELEC
1	TCS	49	14	10	17	1	4	3
2	INFOSYS	31+17	9+5	5+5	11+6	0	3+1	3
3	L&T	13	NA	4	NA	0	5	4
4	AMDOCS	11	4	NA	7	NA	NA	NA
5	IBM	17	4	4	6	0	1	2
6	WIPRO	23	3	7	6	0	2	5
7	CARITOR	1	1	0	0	0	0	0
8	SYNTEL	5	0	2	3	0	0	0
9	COGNIZANT	13	2	1	4	0	6	0
10	PATNI	5	0	0	4	0	0	1
11	SIEMENS	1+1	NA	0	NA	0	0	1+1
12	ACCENTURE	2	1	0	1	0	0	NA
13	L&T INFOTECH	1	1		0	NA	NA	NA
14	VOLTAS	3	NA	NA	NA	NA	3	NA
15	L&T ECC	1	NA	NA	NA	1	0	0
16	KIRLOSKAR	1+1	NA	NA	NA	NA	1+1	NA
17	MAHANAGAR GAS	2	NA	NA	NA	NA	2	NA
18	POLARIS	0+1	0	NA	0+1	NA	NA	NA
19	MARICO	3	NA	NA	NA	0	3	0
20	TCE	9	NA	NA	NA	3	3	3
21	MAHINDRA GESCO	3	NA	NA	NA	3	NA	NA
22	SAMMON	3	NA	NA	NA	3	NA	NA
23	GHARDA CHEMICALS	2	NA	NA	NA	NA	2	NA
24	SHAPOORJI	3	NA	NA	NA	3	NA	NA
25	GTL Ltd.	2	0	0	2	NA	NA	NA
26	DIREM	1	0	0	1	NA	NA	NA
27	ICICI BANK	18	3	5	5	3	1	1
28	INTERNET TRENDS	2	1	NA	1	NA	NA	NA
29	VALECHA ENGG.	7	NA	NA	NA	7	NA	NA
30	BOSCH MICO	0+4	NA	NA	NA	NA	0+4	NA
31	SIEMENS	0+6	NA	0+2	NA	NA	0+1	0+3
32	HERDILLIA	1	NA	NA	NA	NA	NA	1
33	CAP GEMINI	1	0	1	0	NA	NA	NA
34	TICB	2	NA	NA	NA	NA	2	NA
35	GREAVES COTTON	1	NA	NA	NA	NA	1	NA
36	HYPERTERM	2	NA	NA	NA	NA	1	1
37	BPCL	2	2	NA	NA	NA	NA	NA
	Total	**242**	**45**	**40**	**68**	**24**	**40**	**25**

Different Strokes



Editorial

Dear reader,

Hi! Like all other people over the years even you must be about to put this edition of Disha in your bag, from where it would disappear into the dark and inaccessible chambers of your cupboard; it would see the light of day only when you wish to sell it to your kabadiwala for Rs. 3 per kg. Don't feel bad about it, yours is not an isolated case. Your thought is shared by most other SPCEites. Even we use to think of Disha as an addition to our trash collection until we were entrusted with the responsibility of being the English editors for this edition of the magazine.

Well what exactly is a college magazine for... Is it meant to be read like a novel, a fashion magazine or a reference book (like Theraja for Electrical technology) (Note: All complaints regarding your department's reference book not being mentioned should be directed to the magazine secretaries.) Is it a collection of long-winded reports, anecdotes of college crushes and articles lifted from the vast expanse of the Internet? Well during our stint as magazine editors we realized that it is a microcosm of college life, an overview of annual activities, a forum for students to express their thoughts and above all a constructive way to waste tens of thousands of college money for those people like you who are not interested in reading it.

Let's get serious. Editing is not about a bunch of fools sitting together, doing cut, copy, and paste from different articles. It is a work that requires commitment, dedication, sincerity and above all a good sense of humour. As we found out during the six odd months that we worked as editors; it is a job that needs the dexterity of a trapeze artist and is in sync with that of Mr. Manmohan Singh; answered to by his cabinet and answerable to the High Command (Ala Kaman for those who prefer Hindi).

Getting back to all those who put 'Disha' in their cupboards. This year's edition will probably revolutionalize the way students look at the magazine. This year we have tried to cater to the needs and interests of all sections of all the college (students and teachers alike). This year we have also invited articles from the alumni, teaching and non teaching staff. In this way we have tried to bring together all those related to the SPCE family.

The English section this time is varied in its silhouette. We've had articles ranging from neo economics to setting, Ganguly to Gandhi, GRE to placements. We had an overwhelming response in terms of the articles received. It was a demanding task on the part of the editors to select the articles. Almost all of them were good enough to make to the final magazine, but as you know we all have constraints within which we need to function. The experience of working together was an enrichening one for all of us. We all really enjoyed ourselves during the six months we worked together and hope that we all are editors for the next year also (although our secretaries might beg to differ....).

Last, but not the least we would like to thank Mrs. Madhavi Gokhale for her guidance and support all throughout. Without her valuable inputs the magazine would not have been a success (Assumption: Magazine is a success).

Sahil Gupta, Akshat Kumar, Bhalchandra Bhat, Sameer Dhar, Amortya Ray

One of the nice things about problems is that a good many of them do not exist except in our imaginations. — Steve Allen

A to Z of workplace fundas...



Dear S.P.C.Eites, Pearls of wisdom (well...being an S.P.C.E.ite, I am allowed to be egoistic, aren't I?) from an alumnus who was recruited straight from THE campus to a company which is one of the biggest financial solutions providers to banks and financial institutions – I-flex solutions Ltd.

So here it is...the A to Z of workplace fundas for all you engineers raring to make it big in the corporate world.

A: Agenda...for the day, for a meeting, for a conference call...you will need it all the time! Make sure you spend time enough to be able to put in all the necessary points for discussion.

B: Boss. No, they are not as monstrous as they appear to be. Just respect them and make them look good as far as possible. They will be more than willing to help you climb the corporate ladder.

C: Challenges: Look for new and challenging work. It can open new avenues and bring better opportunities when they are least expected.

D: Dress. Dress well at all times...even if your work place follows the casual clothing norm, make it smart casuals...you never know who you have to meet and when.

E: English...speak correct English, and it will earn you a lot of respect and admiration, both with colleagues and clients.

F: Failures: This may sound clichéd, but what eventually matters is how you handled the failure. No matter what, don't let it get you down. You fail when you think you have...not otherwise.

G: Gossip – a big no-no. Remember, you can be a target too, but it makes good sense to keep yours eyes peeled and ears wide open for the grape-vine.

L: Lie: Never ever lie about anything. It is the biggest career mistake you can ever make. Your boss will forgive mistakes but if you lie, you have had it.

M: Mistakes...we all make them. The important thing is to accept your mistakes, learn from them and then get ready to make new ones!

N: No...learn to say no. Be polite but firm, when you have to refuse a task or "call for help" which you cannot fulfill.

O: Open up to new ideas and thoughts. Don't ever dismiss colleagues' or superiors' suggestions without investigation.

P: Plan...Remember failing to plan is like planning to fail.

Q: Quality...Deliver work of the best quality that you can. At the least you should adhere to the organizational standa for quality.

R: Relax...find a time in the day (even if it is just minutes) when you can just chill out. Take a few dee breaths...and even the biggest problem will not seem s enormous any more.

S: Salary...this is the main reason we all want to work...bu don't make it the only reason. Believe me, if you don't li the work that you do, even the meatiest salary will see like peanuts. There really is more to life than money...

T: Time: Always be on time, for work, for meetings conference calls...or a few minutes earlier...it helps wh you have to head for that conference call with clients wi time in hand to prepare what you want to say.

U: Unambiguous, be unambiguous, clear and concise all your official communication, whether verbal or by ma .This will save you a lot of conflicts and issues later.

V: Volunteer for additional responsibilities...makes yo look good with the boss and usually opens the doors better work.

W: Work out...get some exercise. The healthier you ar the better you will perform. Also, a lot of the "top" people a very health conscious...think Anil Ambani...got the point

X: eXtra...put in that little bit of extra effort and it will go long way in propelling your career towards incredible heigh

Y: Yes...one 3 letter word, said at the right time, wh can really take you places.

Z: Zeal. When you are working, however small the task m be, channel all of this into your work. And enjoy the resu

Here's wishing you all the best...

Roli Gu

BE (Electrical)2001 B

He who praises everybody praises nobody. — Samuel Johnson

What Engineers 'Say' and what they really 'Mean'



Radha Shankarmani
Assistant Professor, Dept. of IT

They Say	They Mean
A number of different approaches are being tried	I dunno – you got any ideas?
Extensive report is being prepared on a fresh approach to the problem	We just hired three kids fresh out of college
Close project coordination	We know who to blame
Major technological breakthrough	It works ok, but looks very hi-tech
Customer satisfaction is delivered assured	We are so far behind schedule the customer is happy to get it delivered
Preliminary tests were inconclusive	The darn thing blew up when we threw the switch
Test results were extremely gratifying	We are so surprised that the stupid thing works
The entire concept will have to be abandoned	The only person who understood the thing quit
It is in the process	It is so wrapped up in red tape that the situation is about hopeless
We will look into it	Forget it! We have enough problems for now
Please note and initiate	Let's spread the responsibility for the screw up
Give us the benefit of your thinking	We'll listen to what you have to say as long as it doesn't interfere with what we've already done
Give us your interpretation	I can't wait to hear this nonsense
See me or let's discuss	Come into my office, I'm lonely
Parts not interchangeable with the previous design	All new
Rugged	Too damn heavy to lift!
Lightweight	Lighter than rugged
Years of development	One finally worked
Energy saving	Achieved when the power switch is off
Low maintenance	Impossible to fix if broken

What some people mistake for the high cost of living is really the cost of living high. — Doug Larson

Job Interviews: Tips And Suggestions

Nowadays, anyone who expects to get a job, must go through a personal interview, a face to face interaction with your prospective boss. Gives you the goose bumps, right?

Well anyone would be nervous, as it is his/her assessment of your knowledge and personality, how you blend in with their organization and at the same time give individuality and creativity to your work in the organization. Everyone wants a foolproof formula to know how, where and when to sell him or her best. The answer lies somewhere between a good and pleasing personality and in-depth knowledge of your field. Moreover they are interested in knowing how you cope with stress.

Generally interviews are conducted along these lines:

1. Welcome, sitting down.
2. Settling into questions.
3. Telling you about the college or organizations.
4. Education questions.
5. Experience questions.
6. Your turn to ask questions.
7. Interview finishes.

A few tips for the interviews:

1. Be punctual - it makes a bad impression if you walk in late.
2. Be polite. Do not be rude to anyone. The world is a small place. We never know the same person you were rude to may be an influential person in the firm.
3. Never eat or smoke in the interview. It may leave a bad impression esp. if the interviewer is a non-smoker
4. Use appropriate body language:
   i. Don't look apologetic, you have been invited there and they want you there and want to give you their time.
   ii. If you are surprised by the layout of the room ,try not to show it.
   iii. Look approachable. Maintain open body language. Do not sit with arms and legs crossed. Maintain eye-contact. Don't put belongings down in a hurried manner.
   iv. Look at and smile at all the interviewers individually . If you shake hands with anyone do so with everyone .But let them take the initiative.
   v. Sit calmly. Don't slouch. Don't sit as if as if there is a poker in your back. Sit slightly forward to show your interest in the proceedings.
   vi. If you have taken something with you such as a briefcase, keep it on the ground beside you and not on your knees.Also do not place anything on the table as in animal terms it is as good as invading their personal place.
   vii. Take brief notes of things new to you if they allow .It gives a professional look to it.



   viii. Remember your relaxation techniques.
   ix. Dress sensibly according to the nature of the interview.

- Never complain about anyone. Interviewers cannot know whether you are speaking the truth .Also they need people responsible for their work.
- Always tell the truth.
- Show you are interested in the job ,even if you have to act. You might want to go back to the firm or the institution for some other job or course.
- Do Not answer a question if you do not understand , may be due to jargons or abbreviations or vocabulary you are not familiar with. Ask for clarification, rephrase it and check whether it is a question they want an answer to.
- Always let the interviewer know if you have something in common with them. It might lead them to have a positive attitude towards you . But do not overdo it.
- Do not make unnecessary comments on sensitive subjects such as race , gender, politics, religion ,sexuality etc .People generally have strong views about it.
- Always speak positively, throw positive words in your conversation with them.
- Sometimes the interviewer takes a disliking towards you because you trigger some negative feelings in them e.g.:- unruly teenagers at home, overbearing teachers or bosses.It is no fault of yours but that doesn't stop them form giving you an especially difficult time. This is called "THE NIMBUS EFFECT" , To avoid this do not talk about sensitive issues unless asked to.

HALO EFFECT is just the opposite and benefits the interviewee. You trigger some positive feelings in the interviewer and it profits you, of course unintentionally.

1. To cope with silence , ask whether they expect you to add something more to your answer ,if not then you might consider going back to some other question and do better justice to it.

Everywhere is walking distance if you have the time. — Steven Wright

2. Some interviewers keep talking allowing you little chance to express yourself to your satisfaction. Chip in your opinions and views in between and give nods and other non-verbal gestures to show that you are with him. Anyway at the end you will be allowed to add anything you want. Make appropriate use of it.

Also sometimes interviewers may be less qualified than you in some specialized fields do not try to belittle in any way. Remember, they are experts in their own fields. If the interviewer is not organized, do not panic, stay calm and reassuring. Answer in a calm , audible and assertive voice.

Making an exit:

Smile at all , thank them for their time, assure them that if they hire you they will be satisfied with your job. Shake hands if appropriate . Exit calmly, not in a hurried manner, close the door gently but firmly.

In order to excel in interviews give mock interviews with someone with expertise in this field.

Anna Joy
SE Electrical

An Ode to Human Spirit

The lovely spirit flies,

In the yellow dawn with crisp tales of vigor.
The mighty mountains try to stop it
But she doesn't lose her grit.

Determined she rises,
Till the night suffices to blow back the black sheet.
The darkness makes her jittery,
She holds back a little,
But back she is on her track.

She opposes the gushing wind,
With face right up there in front.
Never does she look back
Or she fears.
'Cause she is the free spirit with free self,
To conquer the world.
The dusk she soon foresees.
Her happiness knows no bounds.

She flies through as though,
She has to meet the departed soul.
The journey continues with no end.

Lord! I wonder why she flies and why she is happy at every new morn.
This is a riddle, I think, no one call solve

A Lovely Evening





Pink evening approaches the sky,
Like a beautiful jungle cry.
Clouds above as if,
Welcoming the dusky sky,
Dance to the rhyme of breezy winds.

Sun in its might tries hard not to set,
But the power above doesn't care
For the waving palms and twirling creepers,
Wish for him to die.

Two birds cozying in the nest,
Little fellows running around the bark of the same tree,
Squirrel biting on to the cherry seeds,
Fill the air with a dreamy choir.

An old soul with a stick, walking around the lovely barn,
Stares at the setting sun as if remembering something.
A thing that brings him close to gone loved ones.
The lovely evening besots its calmness around.
The starry night has arrived to stay.

Ms. Hansa Jeswani
Lecturer,Civil Dept

The food that enters the mind must be watched as closely as the food that enters the body. — Patrick J. Buchanan

GRE 'n' CAT

Do you know what does the word 'Enervate' mean? You can guess... Ok fine, you guessed that it has something to do with energy.... Well I can't help but pity you for that. It's not your fault; it's just that you had a wrong notion about the word. It actually means 'to weaken'. So you just saw that wrong notions often make us believe something which is far away from the truth.

Let's talk about the GRE. That's right the Graduate Record Examination. It seems to be the exam everyone talks about the moment they enter third year. It becomes more important than class tests and semester exams. Everyone wants to buy either Barron's or flash cards and finish the 3,500 long word list. Students think that doing the word list is the end of their verbal preparation. But the truth is that after doing the list the actual prep starts. It is important to know words but what is more important is to know how and where to use them.

It's a wrong notion about the GRE that verbal is difficult and Quant (Mathematics and Data Analysis) is easy. No matter how much I want, I would not agree with the latter. Everyone thinks that being an engineer and after studying calculus, vectors, complex numbers.... the GRE quant will be a chocolate cake topped with cherries asking to be eaten. Well I would rather be apprehensive than complacent. Agreed that GRE quant level is nothing great, but it still commands respect. I feel that it test's one's basic concepts and the ability to think in different ways. GRE quant is not about formulae, it's about being attentive and quick at the same time.

Everyone feels that 28 questions in 45 minutes for quantitative section is a cake walk. Let's just split up the 45 minutes into parts. On an average you'll take about 1 minute per question for the easy ones. Add to that another 1 minute if the question is slightly difficult and test's your thinking ability. Assuming that you get 15 easy ones, and 13 not so easy. That makes it 15+26=41 minutes. And trust me you'll definitely need the remaining 4 minutes to overcome tension and nervous energy floating all around you. So you see, 45 minutes doesn't seem to be all that long a time. I know people who've guessed their last few questions in quant just because they didn't have time. Do you want to be part of such a group??? I don't think so. So do not have any wrong notions about anything. It will lead to nothing but disaster.



Another important aspect which students often neglect is the AWA (Analytical Writing Assessment). It comprises of two parts, issue and argument. Students tend to believe that writing an essay is a child's play. Trust me on this one, it's not that easy. I spent sleepless nights thinking about my essays; after all I had hardly written one in the last three years. It's not all that eas 75 minutes you gotta type two essays of about 400 wo each. If your typing skills are nothing to boast abo recommend you better start working or else.....

Okay, fine .... I understand, you must be getting bored all this GRE talk when you are least interested in it. are an MBA person. A white collar job is what interest and you've decided to take your CAT. The CAT is on the toughest entrance exams India has to offer (That's w people say!!!). CAT stands for Common Aptitude Tes has a verbal, quantitative and a data interpretation sect Unlike the GRE it does not have any essays.

People talk about studying 24x7 for CAT . They feel practice makes a man perfect, and so I'll practice till ink of my new parker pen finishes. Once over, I'll s using the Cartier :-) Let's get serious. CAT require persistent effort and a lot of focus. The exam is a m or break for many, so I feel that it is more of an emotio exam rather than a logical one.

CAT test's your ability to choose between the good the bad, the easy and the difficult. Although the pa has about 120 questions, you are not expected to so all of them. You are expected to answer those ones wh you know and leave the remaining for GOD to solve the stipulated time. From my experience so far, I feel the best results on the CAT can be achieved when are mentally relaxed and trust your gut feelings.

For all those who found this article interesting and with any errors can thank the GRE and those who have complains can go ahead and tell CAT about it.

Sahil Gu

TE (Electron

One man practicing sportsmanship is far better than 50 preaching it. — Knute K.Rockn

Unraveled



We've been walking around these years;
our love wasted in loneliness,
Washing away ourselves in unworthy tears,
Faking a look of masked happiness.

Though we never deserved it,still we earned the pain;
We struggle to get away from it,struggle to remain sane.
Somehow we manage to lose it in this world so munadane,
Yet it comes back to clobber us again n again n again.

Little does it matter if we have people around to care,
We can't live their happiness,neither can we kill our despair.
It's our life,we have to live it come what may,
To see life in it's face,accept it for what it is and then choose
to throw it away.

An entire lifetime condenses in that defining moment,
While we wish in vain to last it forever.
It's then that we cease to live for ourselves;
And merely exist for those whom we can leave never.

So don't be afraid of death,be afraid of the life u may unlive,
Unwind those emotions,unravel those toxic mysteries that
devour you,
Learn to see,to believe ,be free to feel and to selflessly give,
For you know I don't love you.....I breathe you."

Shweta Jadhav
SE (Computers)

MUMBAI



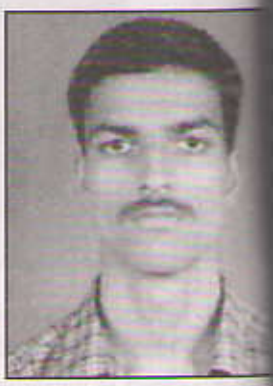
This is Mumbai.
A CITY where everything is possible, especially the impossible.
Where lovers first love and then marry,
Where there is space for every Tom, Dick and Harry
Where telephone bills make a person ill
Where a person cannot sleep without a pill
Where carbon dioxide is more than oxygen
Where the road is considered to be a dustbin
Where college canteens are full and classes empty
Where Adam teasing is also making an entry
Where a cycle reaches faster than a car
Where everyone thinks himself to be a star
Where skyscrapers over look the slum
Where houses collapse as the monsoon comes
Where people first act and then think
Where there is more water in the pen than ink
Where the roads see saw in monsoon
Where the beggars become rich soon
Where the roads are levelled when the minister arrives
Where college admission means hard cash
Where cement is frequently mixed with ash
This is MUMBAI my dear
But don't FEAR , just CHEER
Come to MUMBAI every year!

Radha Indira
Head Clerk,SPCE

Whenever you find yourself on the side of the majority, it is time to pause and reflect. — Mark Twain

Networking': a Core Part of IT

'A uniting force that knows no geographical boundaries, without regard to race, creed or colour....this is NETWORKING.'



Placements: One of the events in life, which paves the way to one's future. Being a networking guy I will call it a "gateway to the network of life".

It was the time of our third year vacations, and my mind was occupied thinking about which job I should look for. I was sure that I was not interested in a coding job, so it had to be a network engineer's job. I have been in touch with my guide Prof. Ambawade since my fourth semester, who taught me how to translate my knowledge into experience and by working with him I developed a passion called "networking".

I am a Linux system administrator and a network administrator. Not a CCNA or with any network certification. It's only that Linux has acted as an accelerator to the dynamics of my personality.

When the companies' campus placement schedule was mailed to us, I was looking for a company which is into networking. As such every company was coming for a coding job. It was time for me to sharpen all my talents and recollect all my experiences in IT and networking. Thus, I devoted my holidays to my college and of course to college networks.

I checked each and every company's website to find out whether they had a networking job. And to the best of my knowledge I could only find the following names: Wipro, Patni, Satyam - just 3 out of the 14 companies scheduled. Openings for network profiles were rare but I was sure that given a chance I could hit the target I was looking for. So, the first company was TCS which had its pre-placement talk on 16th June in SP Jain Auditorium. I had thought of leaving TCS, Infosys and AMDOCS as I had gone for a holiday. I was planning to appear for Wipro because I thought that it would be a networking company. I thank the Management of SPCE for providing us counselor Dr. Ambrish Bhatt, with whose experience and guidance I was able to reach the place that I wanted to. I consulted him and told him about my plans for the BIG GAME of life. He told me "Why don't you apply in the company and ask them whether they will offer you a job? At least you can ask! ". So I thought over it and finally decided that I would apply to every company for which I was eligible, but would take up a Networking job only.

Day: 16th June, morning: After the PPT by the GM of TCS, queries started flowing in the SP Jain hall, and among them one query was "Sir, Do you provide networking jobs? ". And the answer was, "Yes, but you have to apply off-campus".

After listening to this answer, I became interested in knowing about the off-campus procedure. I met Shalini Madam from TCS after the PPT. She asked me how many people were interested in a networking job. At that time I was the o one. They would have called the special networking pa in our college had more people been interested. On 2 June TCS came for the campus recruitments. I clea my written and psychological tests. Then came stage Technical Interview. The first question to me was, "Wha memory leaking in C and C++? ". My answer was, "S don't know". Then some questions on programming aga and the same answer. Then I was asked," Didn't you le C and C++, it's a part of IT?". My answer was," Sir, it included in the syllabus, so I had to learn it, but I am an expert in that." Then I was asked what I was interes in. And this gave me the chance for which I was waiti and of course it was NETWORKING. Some questio followed and I cleared my Technical Interview too an was to appear next for the HR Interview, which scheduled next day. Even the HR interview seemed a technical interview. Every question dealt with network and I was finally asked, "Any questions to be asked? replied in the affirmative. I told them that I was interes in a networking job and had been told to apply off-campu So they recommended me for a networking interview. N the off-campus procedure started. After a long wait, the 2nd of July I got an interview call from TCS again appear before a networking panel, as an off-campu recruitment. It lasted for around 1 hour and I was told t I would be intimated about the result. Monday, 6th J was the day of the result, when I called up and came know that I had been selected in TCS as a Netwo Engineer. But it was not the final one and after a few da I got a call again from TCS and was asked to appear an interview with TCS-Nortel. I cleared that one too a was finally called up for taking the offer-letter and a medi examination which I cleared successfully.

Look out how you use proud words. When you let proud words go, it is not easy to call them back. — Carl Sandburg



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In the entire scene, something else was running in the background (what we call in operating systems "background processes"). Companies like Infosys, HCL, IBM, Wipro, IT Solution, Syntel had come and had appeared for each PPT. However, I used to ask the same question to every company "Do you have a networking job or not? ". Except IBM, no one offered me a networking job. In the final stages we had some discussions which have to be kept confidential. The other companies didn't offer a networking job, so I just used to appear for the written test as it had been made compulsory. I didn't want myself to be selected for a coding job because then I wouldn't have been eligible for other companies (since in SPCE it's the 1+0 rule).

I believe in the following statement:

Ask somebody : Are you mad ? Obviously the answer will be negative !

Don't think I am mad, but who am I to judge myself ? Actually it would be real madness not to make your dreams come true" - Alain Robert.

Of course during this time, I had to listen to many people and different 'views', ranging from laughter tracks to criticism, and even suggestions like "Leave this 'networking' because you won't get this job". There were people who said, "There are even people with a Cisco certification and when they cannot get such a job, how can you?". And many more such arguments from people around me.

I firmly believe:

That something is DIFFICULT, then it doesn't mean that you should not "TRY", but it means that you should try HARDER".

I was determined to get what I was looking for and Dr. Ambrish Bhatt and Prof Ambawade, were always with me during this time, from Sem IV to the time you read this article.

Even after my placement I have another offer from one of the world's foremost names in networking. I believe in commitment, self discipline, being responsible and true to the people who have shown confidence in me and given me such a big opportunity in life. It's just applying what you have learnt in life. Principles and ethics plays important role in one's life, in order that one may become a self-made and responsible citizen.

I am thankful to TCS for showing their faith in me, and giving me an opportunity to show all my talents and the skills that I have learnt from Sardar Patel College of Engineering, Prof Ambawade and Dr. Ambarish Bhatt. I am also thankful to all my friends and the people around me, who come from different walks of life.

These were my experiences in brief. With the shortage of space in a magazine like Disha, I could not cover some other interesting parts, but I have shared my experiences with my friends and people from SPCE.

Finally, I wish all my friends who are looking forward for placements and who got placed the best of luck for their future. Remember:

"World is a funny place, If you expect nothing but the BEST...you often get it."

Rajender Singh
BE (IT)

Alternative Fuels



I.C. Engines are the major type of prime movers widely used for small and large-scale power generation and transportation purposes. The emission levels produced by any vehicle are dependent on the mode of operation of the vehicle and technology behind the vehicle design. There are limited reserves of liquid petroleum fuels, and their consumption is rising at an alarming rate. Kerosene and diesel form the major part of consumption of petroleum fuels in India. Their consumption is about 60% of the total. It is disturbing to note that much of this is to be imported to meet the ever-growing demand. Most of the diesel is consumed by the road transport sector. Consumption of diesel

Our import of diesel oil was about 7.55 million tones in 1993-94 which was about 4175 crore of rupees. The difference between the production of diesel and its consumption is likely to widen because of the rapid industrialization-taking place.

The hike in petroleum prices has caused significant exchange constraints for developing countries such as India. These countries are largely dependent on import of petroleum products to cater their needs for transportation. Due to the increasing demand of energy and in view of the deteriorating environment, it has become essential not only explore other sources, but to use existing liquefied petroleum fuels efficiently. Practical heats engines have served the man kind for over two and half centuries by using the conventional sources of energy.

Standing in the middle of the road is very dangerous; you get knocked down by the traffic from both sides. — Margaret Thatcher

For the first 150 years, water raised to steam, was interposed between the combustion gases produced by burning the fuel and the work producing piston-in-cylinder expander. It was not until the 1860s that the I C engine became a practical reality. The first successful petrol engine was invented in the year 1876. Rudolf Diesel invented the diesel engine in 1892. I C engine that we see today is the ultimate result of the research carried out all over the world in the past century.

Research efforts were constantly focussed to improve:

- Engine performance
- Fuel economy
- Emissions and combustion characteristics of an engine by
- New design concepts
- Material development
- Electronic injection / ignition system
- Emission control devices
- Microprocessor applications etc.

Sector	%
Road transport	59
Agriculture	17
Power	4
Railways	9
Shipping	1
Other	10

The engine exhaust is a source of nitrogen oxides and carbon mono-oxides emissions. The exhaust, the crankcase, the fuel tank and the carburetor are the sources of unburned hydrocarbon. Due to the efforts of engine researchers in the field of automobile control, in U S A, catalytic converters emerged as the successful emission control device for the automobiles. The following are the some of the important areas of research in last two decades:

- Alternative fuels
- Use of ceramics in IC engines
- Lean burn S I engines
- Surface ignition engines
- Emission control devices

In major cities like Delhi, the rapid growth in passe cars, two wheelers and buses lead to alarming leve pollution causing health problems. Hence engine des which can reduce emission levels, are being develo These have to be durable and temper proof. Th designs in a country like India have to be cost effecti attract the user. These have to be durable and te proof. These sophisticated designs cannot be ado immediately in developing nations. Hence, in s countries till new and viable designs are available, sim vehicles with moderate emissions can be the alterna These vehicles could use alternative fuels which is polluting with small modifications in existing designs.

Alcohol, LPG, CNG, bio-diesel, hydrog methanol, and ethanol are some of the alternative fu CNG vehicles have lesser operating cost and m environmental friendly. Methanol is easy to store. Meth operated vehicles are more useful from the point of vie NO_x production but they produce higher HC and CO. M problems with alcohols are corrosion, gum formation a harmful effects during handling. All alternatives to pe vehicles are CNG, which is most practical and reliable.

CNG is available in nature freely and refin process is also not very complicated like other petrole fuels. It mainly consists of methane along w hydrocarbons like ethane, propane and butane. As far pollution is concerned, CNG causes virtually no pollut without hampering much of the vehicle performance.

Mr. S.S. Um
Dept. Of Mechanical En

Open Source Initiative

Today, there are a lot of issues and causes – some serious, some not. It seems frivolous to suggest one more cause. But then, its related directly to that ever more popular tool – the personal computer. Without software and an operating system, its just a hugely complicated bunch of semiconductors wired together. And now, the software and OS that run on the PC have become a topic of heated discussion – from hostel rooms to corporate boardrooms.

The one main reason for this sudden discussion is open source - the software development model that has taken the world by storm. Open Source also includes an economic model that clearly shows how open-source software can earn money for their developers. The Open Source Initiative (OSI) was started by Eric Raymond in 1998 to reverse the alienation of enterprise from the Free Software Foundation (FSF) ideals. OSI is designed to safeguard both the ideals of FSF while satisfying the economic constraints of enterprise and commerce.



The most successful and visible flagship of open source is Linux. There are others like OpenOffice.o (sponsored by SUN) and Mozilla. The point is why wou anyone switch over to these products.

The chains of habit are generally too small to be felt until they are too strong to be broken. — Samuel Johnson

The first reason is choice. If you want to use them, you can. Nobody is stopping you. The very fact that the user has an alternative pushes all developers – open source and proprietary – to roll out better products.Its a win – win situation all around.

Second reason is price. Practically all open-source products are economically free or very cheap as compared to their proprietary counterparts. Even though open source discounted the 'economically free software' misconception, by happy co-incidence, quite a few software are really free, as in free chai.

You can see their source. You can see how it works. As a non-programmer who uses his or her PC like an appliance, open source offers the gaurantee of stability, security, performance and usability. You just have to trust the product and its developers.

So, we have a cause. What can we do about it?

Start using Open Source software. Now we have open source alternatives to everything we need. OpenOffice.org and Mozilla Firefox are the obvious points. They can be used in Windows too. There's Octave, the open source alternative to Matlab. As for SPICE, there are many replacements – ngspice for instance. There is no dearth of software if you need it. What you need is a simple decision. To move away from proprietary products that lock away your rights and data. The move is difficult – you would be learnng a lot of things but at the of the road, you would be better off than using Windows. Why? I don't need to talk about Windows "security". The frequent reports of attacks on Windows desktop and server PCs are proof enough of the state of its security. Linux has inherited the inverted tree file-system from Unix along with its inviolable user-group-others permission sets. Now the National Security Agency, US Government, has improved Linux by adding mandatory access controls, called SELinux.

Windows uses proprietary formats which are never audited by a certifiable independent authority. The end user is locked in with MS once he uses a MS file format. That implies enforced upgrade cycles for the user as well as a dependence on MS products for those who receive those files. In contrast, open-source files use open formats. For example, OpenOffice.org (OOo) uses am XML extension to save its files. You can open a OOo file using an archival software like 7zip.

Microsoft has tried to hijack standards, languages and protocols – the most notable are HTML and Java in the past and XML to come. MS products often do not confirm to international standards; thus rendering the files incompatible with other products – forcing the user to stick to MS products. Open source products confirm to standards. This allows us to use any compatible product to open the file.

Think we can do it one PC at a time?

Rohit Bhute
TE (Electrical)

MS/Windows on GNU/Linux

Now that you have seen the advantages of Linux and open source alternatives, lets compare both MS/Windows and GNU/Linux. At the end of this article, ask your self 'Should I move to Linux?'

First up:Choice. Yes.Its your choice. Being a mechanical engineer, I prefer using Windows to learning how to operate a new system. Especially since I can perform all the operations on Windows that I would do on Linux. So do you really want to learn a new system when you cant find time to do work on hand? After all its your choice.

Second up:Cost. Linux is free. But how do you define free? You don't have to pay for Linux but what about the cost for downloading Linux. Try downloading 4 cds of 600 MBs each on 56.6kbps modem. Have an ADSL/DSL connection ? Check how much you pay for it.Then you wont say its free.



Third up:Piracy. Using pirated copy of windows is against the law. But how many of us watch pirated movies, listen to pirated songs and play pirated games. Finally how many of us take photocopies of textbooks. Try reading the copyright. If you still feel that it is against your principles, then move over to Linux but remember to stop piracy in other forms.

Fourth up:Security: 'A chain is as strong as its weakest link' . Windows is weak in terms of security. But using a

It's not true that nice guys finish last. Nice guys are winners before the game even starts. — Addison Walker

weak password like your name or birthday on a strong Linux machine negates the cause of using Linux. Also hackers target the operating system which is more popular. Viruses will exist for Linux or any other operating system.

Fifth up: User-friendly system. You wont find a OS more user friendly than Windows. The excellent Plug'n'play system of Windows will make your life very easy. I tried using my flash drive on a linux box, but I couldn't use it. I tried consulting a linux expert but even he couldn't do it. I figured it out myself. Using Windows Server Edition is easier than Linux (in my opinion).

Sixth up: Trust. Who would you trust, a corporation of professional developers who will be there to support you or desktop programmer who made a program as a weekend project?

Finally, the choice of the OS you select depends on priorities. A smooth and easy to use OS like windo perfect for entertainment and office work. A robust high security OS like Linux is perfect for hackers, pla independent developers and other who need high sec on their desktops. A person who is efficient in using can easily work on windows but do you have the int and time to spend in learning Linux? For me ease o has higher priority than security. If you think that you more security at cost of user friendliness and can sp some time to understand Linux, you can make the Otherwise stick to what you have used so far.

Bhalchandra
TE (Mecha

The Art and Science of Spitting

The Art

The other day I read about a spitting competition which was held in a town in a South American nation. All competitors lined upon the sidewalk of a street and tried to spit over a long range almost across the wide street. It was similar to a long jump competition, where the distance of the saliva spitted out was measured. All

those who had mastered the art of spitting long range, vied with each other. A filthy habit was turned into a competitive sport.

In India, many have mastered the art of spitting by painting the corners of all staircases, roadsides and pavements with red designs which are permanent pieces of modern Indian art the result of the art of paan (betel leaf) chewing. We boast of a long heritage of spitters if I may coin the word. Formerly, beautiful artistically designed vessels called spittoons were used by the maharaja's to spit into. Now they don't exist as former maharaja's and their subjects are now all mobile and do not carry these vessels along with their vassals while traveling; it is after all easier to lower the glass pane of a car door and spit out rather than carry a stylish vessel explicitly to spit. The modern art of painting the streets by spitting a mouthful of red saliva is the hall mark of our country observed in every nook and corner of each state. We do not require to hold competitions because 80% of the population has mastered this art. Is it a compulsive obsession? Why do Indians spit? A scientific analysis yields the following results.

The Science



Spitters chew tobacco which is an ingredient of the paan or betel leaf which they chew. It stimulates the salivary glands secreting a large quantity of saliva which cannot be swallowed all the time and has to be spat out. When a large quantity of saliva is secreted it makes the person feel relaxed. Tobacco also suppresses the pangs of hunger. The h of chewing tobacco therefore proves advantageous majority of the population where food is scarce and a pe has to face a long day full of tensions. For the a section of society cigarette smoking although injuriou health has helped in overcoming tensions but for the Indian chewing tobacco instead of smoking is an eas of relieving tensions.

It is not always red saliva that Indians spit but saliva a lot of phlegm; since respiratory diseases are ra in an under nourished society dwelling in a po atmosphere. Rules and regulations for banning sp are contemplated. Why not remove the root cause then educated elite will have to become connoisseu the art of spitting.

Dr(Mrs) Nandini
HOD, Electronics D

Question authority, but raise your hand first. — Bob Thaves

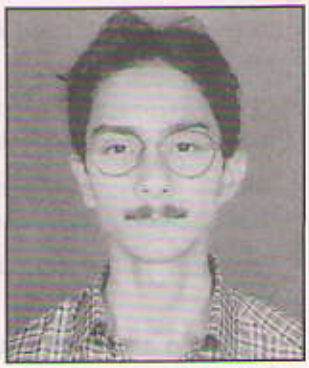
Deep Cryogenic Tempering Process

The Cryogenic process when applied for tempering heat - treated metals is called "Deep Cryogenic Tempering Process", where a more refined grain structure is obtained thus creating a denser, stronger, stress free, durable and corrosion, shock and wear resistant component. Deep Cryogenic Tempering process is not a substitute for heat treatment or a surface treatment; it is a supplementary process treatment that treats the entire mass of the material/tools/objects to its core, which explains the benefits of one-time process required that last for life. The Process treats a wide variety of materials such as ferrous and non-ferrous metals, metallic alloys, cobalt, tungsten, titanium, carbides, and plastics including nylon, Teflon, and ceramics. Today, Deep Cryo - Processing is used for new and used as well as for sharp and dull tools including end mills, drill bits, inserts, punch dies, press dies, forging dies, circular slitters, cutters, gears, hobs, and engine components. In specific applications it increases tool steel life over 300%. It isn't unusual to increase the life of carbide inserts 400 to 600% with the process. Deep Cryogenics Treatment is inexpensive (i.e., approximately 5% to 10% of the cost of the tool) and extremely cost-effective considering the increased tool life of up to 400% and machine downtime saving.

Residual stress develops in steel during the initial steel forming or forging operations and from machining operations required to finish a piece. This residual stress can result in part warpage if the part heats up during service. Deep cryogenic processing is dramatically enhancing metalworking tool life and work piece life by relieving residual metal stress and creating a stronger, denser, more uniform microstructure.

Accurate deep-cryogenic processing of metals using computer-controlled thermal contraction and expansion decreases residual stress, thus, homogenizing and stabilizing the microstructure. The process also increases the durability or wear life of tool steels through carbide precipitation within the steel microstructure, making it significantly stronger, more coherent, and dense.

Thermal Molecular Stabilization is often referred to as Deep Cryogenic Tempering. This is not a coating or a surface hardening treatment, but a one-time, permanent, irreversible process that penetrates completely through the entire material structure. This dramatically reduces internal stress and significantly increases performance of most alloys. Application of such a process was considered expensive and only available to Aerospace and Government bodies. Here heat – treated metals are held at cryogenic temperatures below -300°F whence there is a dramatic change in the microstructure. Then comes the final phase, Heat-Tempering, where the part is slowly returned to room temperature, stabilizing the molecular change.



Deep Cryogenic temperatures are required to effect a complete molecular change in most alloys giving the microstructure a more uniform grain structure. This process distributes large quantities of very hard, fine carbides that precipitate uniformly throughout the lattice structure. The goal of it is to transform as much of the austenite as possible into martensite. However, some of the austenite is retained even after tempering. Thorugh experiments it was found that if the quench was lower than the traditional room temperature, less austenite was retained. Cryogenic treatment is an extension of the well-known heat and quench cycle. It is specifically about controlled thermal cycling of materials generally over a 15 to 30 hour period of time. Cold treatment (subzero treatment) as an indispensable part of heat treatment of alloy tool steels, offers significant increases in the wear resistance. It is widely accepted that a major factor contributing toward its success is the removal of retained austenite. Conventional cold treatment has been carried out at higher than 173 K. This temperature is believed to be sufficient to fully transform any retained austenite to martensite in the quenched microstructure. However, more recent evidence has shown that wear resistance is further enhanced by cryogenic treatment at ultra-low temperature (ultra-subzero treatment), such as liquid nitrogen temperature.

The variation of the wear rate with sliding speed in Fig. 3 for specimens austenitized at 1293 K, quenched and ultra-subzero treated at 93 K. Finally tempering was carried out a 453 K for 1.8 ks. The wear rate of specimens after cryogenic treatment is smaller than that of-as-quenched specimens (without any subzero treatment) for whole sliding speed. Furthermore, it decreases dramatically at high sliding speed. The cryogenic treatment result show 110 to 600% improvement. The wear rate shows a minimum at the sliding speed of 1.14 and 1.63 m/s for specimens without and with cryogenic treatment, respectively.

Be careful of your thoughts; they may become words at any moment. — Iara Gassen

It can thus be concluded that with the Deep Cryo – Tempering Process, the following changes are effected in the tool steel:

- Increases durability and wear resistance with minimum wear rate.
- Changes the entire mass and grain structure at molecular level of the material and not just the surfaces.
- Transforms most retained austenite to hard martensite (a 4X harder grain structure than austenite) in metal.
- Forms micro-fine carbide fillers to enhance carbide structures.
- Creates a denser molecular structure that results in a larger contact surface area that reduces friction, heat and wear.
- Promotes preferential precipitation of fine n-carbi in thermal and dimensional stability
- Enhances strength and toughness of martensite ma and stability.
- Relaxes internal stresses and eliminate internal mi cracking, not visible to naked eye, causes by he treatment and quenching process.
- Corrosion resistant from smoothing effect on surfac
- Increases conductivities and less resistant to electri flow.
- On an average, it increases tool life by 300%, a hence the productivity of the tool.

Amey Kar
TE (Mechan

The fellowship of pain

It is not easy to follow your principles in life-especially if those principles include service to humanity. It is even more difficult to grow up as the son of a man who follows these principles. Either you have to forge your own path or grow in the shadow of the great man who is your father. Some offsprings rebel- they break the domain of greatness that surrounds their families and carve a niche elsewhere. Very rarely does one come across a son who willingly, happily, enthusiastically dons the same mantle and rejoices in carrying out the mission of life that his father propagated. Dr. Vikas Amte is an example of such a man; "Anandvan" the ashram at Nagpur that has created a world of dignified compassion for the sick, the handicapped and the destitute is his soul-journey, too.

Every cottage industry, every innovation, every simple practical remedy to a chronic natural problem stems from Dr Amte's technical expertise, creativity and above all, (to use his own words) scientific humanism. No religious rituals, no sermons on spirituality, no pedestal worship. For him the phrase 'social service' does not carry the connotation of a burden carried by an individual who wants to assuage his guilt of being rich and suffers from conspicuous consumption. He is sincere, yes. Dedicated, certainly! But above all, and most importantly, he is happy!

His eyes light up as he speaks of his unique orchestra of visually impaired children and mentions his highly ambitious plan of taking it all the way to Pakistan.



Alternatively, they twinkle in merriment as he remembers a time when people used to shun the Ashram fearing that the air was polluted with the breath of lepers. "Now," he says, gurgling with laughter, "they visit Anandvan as if it is a tourist spot!" "And a pilgrimage spot, too," we add silently. Little does he know, as he shows off a chappal made entirely out of recycled saline bottles, that his li audience of dyed-in-the-wool, city-bred Mumbaiites finding it extremely difficult to grasp the essence of t fellowship of pain that binds 2200 members in a inexplicable bond - what made Baba Amte tick? Wh drives Dr Amte? The answer cropped up unexpected a badly disfigured man came up shyly and informed Amte that he was back after Id. Dr Amte clasped h extended stubby fingers warmly in his palms and sa "Take care of your health, O.K?" I realized then tha could be nothing but love- unconditional, untainted, theo free love- for people like him, serving humanity was no mission; it was life itself. And he is living it – to the ful

Ms.Madhavi Gokha
Lecturer: Communication Sk

You're never too old to grow up. — Shirley Conran

Microturbines

With the deregulation of power industry, new opportunities are being created for customers to seek alternate, on site energy sources. Customers are looking for improved power quality, reliability and energy sources that can have positive impact on environment and their economic well being. Microturbine technology can meet these demands.

Microturbines are small combustion turbines that produce between 25 kW and 500 kW power. Microturbines were derived form turbocharger technologies found in large trucks or in aircraft auxiliary power units. Microturbines are undergoing trials in commercial applications. Microturbines systems are suitable for application ranging from remote locations to city centers, delivering clean, high quality power from a wide variety of fuels with superior safety and low emissions.

Microturbines are generally divided into two classes:

1. recuperated Microturbines.
2. unrecuperated / simple cycle Microturbines.

In simple cycle or unrecuperated turbine uncompressed air is mixed with fuel and burned under constant pressure conditions. The resulting hot gas is allowed to expand through turbine to perform work. Simple cycle Microturbines have a lower cost, higher reliability and more heat available for cogeneration applications than recuperated units.

Recuperated units use a sheet metal heat exchanger that recovers some of the heat from an exhaust stream and transfers it to the incoming air stream. The preheated air is then used in combustion process. Recuperated units have a higher thermal to electric ratio than unrecuperated units and can produce 30% to 40% fuel saving from preheating.

Microturbines can also be classified on the basis of the physical arrangement of their component parts: single shaft or two shaft, simple cycle, intercooled and reheated, etc. Single shaft systems or simple and easy to manufacture but split shaft systems can be used for machine drive applications which do not require an inverter to change frequency of AC Power. The machines generally rotate at 40000 rpm. Selection of bearings used i.e. ail or air depends on the application.



Generally efficiency of an unrecuperated Micro-turbines in about 15%. Efficiency of a recuperated Microturbine is about 20-30% while that of a microturbine with heat recovery can be as high as 85%

Microturbines can be used for stand by power, peak shaving and cogeneration applications. In addition, because Microturbines are being developed to utilize variety of fuels, they are being used for resource recovery and landfill gas applications. The development of Microturbine technology is also in progress. Automotive companies are interested in Microturbines to provide a lightweight and efficient fossil fuel based energy source for hybrid electric vehicles. Cogeneration is an option in many cases as Microturbines is located at the point of power utilization. The combined thermal electric efficiency of Microturbines in such cogeneration applications can reach as high as 85%.

Advanced materials such as ceramics and thermal barrier coatings are some of key features enabling technologies to further improve Microturbines. Efficiency gains can be achieved with materials such as ceramics which allow a significant increase in engine operating temperature

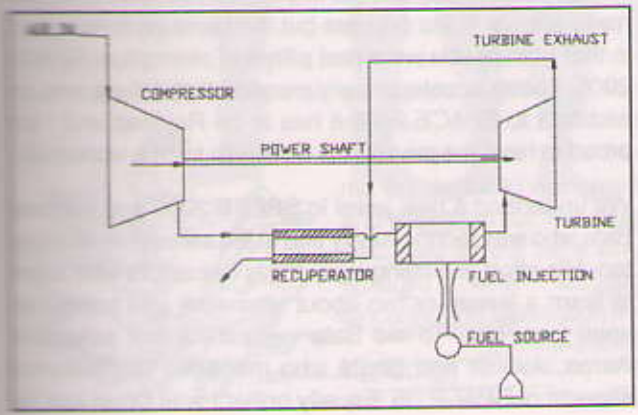
Strengths of Microturbines are as follows:

1 Small number of moving parts.
2 Compact size.
3 Light weight
4 Good efficiencies in cogeneration.
5 Low emissions.
6 Can utilize waste fuels.
7 Low maintenance intervals.

Weakness of Microturbines are as follows:

1 Low fuel to electricity efficiency
2 Loss of power output and efficiency with higher ambient temperature and elevation

With further research in material technology, we can achieve the right balance between cost and efficiency and make Microturbine an alternate energy source



Shrikant Pavaskar
TE (Mechanical)

All things are possible until they are proved impossible — and even the impossible may only be so, as of now. — Pearl S. Buck

The Unsung Heroes of SPACE 2005

Dec 5th 2004 - A group of individuals had just regrouped themselves after a non emphatic Vth sem examinations . The goal was in front of them. The path that lay ahead was full of curves and undulations and the end was not visible. But the spirits were high and there was no lack of motivation. In the following two and a half months these individuals found roadblocks on their way, dead ends, steep climbs and bottomless gorges on either sides of their path but they also found Samaritans on their way, to guide them through the rocky phases, to provide water to quench their thirst and uncompromising support to see the journey through. This article is a testimony to the efforts of a handful of those who have stood by us and helped us reach our final destination – a highly satisfying SPACE 2005.

I would begin with the contribution of the industrious SE's namely Ashish , Anirban, Dhaval, Sreeja , Surujit, Sumit, Aarti,Salil,Sushant,Kartik ,Amit and Abhijeet and many more who sacrificed their winter holidays for our sake and provided the much needed manpower during those initial days. I have found some real time friends in you and that is one aspect of SPACE 2005 I will cherish forever

We had allrounders in the real sense in SPACE 2005 as well. Tayde , Lokhande , Uttam , Vaibhav and Anup were present to lend their helping hand whenever we needed them wherever we needed them, be it hauling the speakers atop the speaker stands in times of dilemma or putting up the décor work the night before the d-day or be it putting back the college logistics back in order in a space of two hours after the last pronite . You all were outstanding. The uncomplaining logistics team from the FE's deserve a special mention. Guys you were great.

If there was a shell protecting the integrity of SPACE 2005 it was certainly designed by Yadav, Zagde and Manish our security heads who ensured that our events specially the pronites were incident free and safe. Hats off to you as well as to your teams.

My heart is full of pride when I talk of friends like Anvay , Raghvendra Rohit , Ameya , Bhupendra ,Sagar ,Saurabh and Shalmalee who were the heart and soul of the admin team . You guys kept pumping the inputs and laid the framework on which SPACE 2005 stood. Anvay deserves a special mention for keeping his calm and proving that slow and steady always wins the race. I have to accede finally- ADMIN ROCKS

If there were two individuals who were highly underrated by our critics they were Swapnil and Abhijit our CEC's . The critics have disappeared since then but what remains is the lasting impression of their fabulous work in the sands of time. If there is one way to thank them it is by conceding that I, one of those foolish critics myself, hold you both in very high esteem for your diligence.



The three musketeers from Tronix namely Punit , (fundoo) and Jayesh were eveready to go the dis for us and contributed handsomely in the mak SPACE 2005 . Agasthi for a change decided not to to new levels of eccentricity and was of terrific aid t our efforts to salvage finance under our plan of (Rapid Action Finance Work). KK used to supervi proceedings and keep us on track as well as take t the city in search of 'PAISA'. Muthu was as vibrant day as entertaining in the evenings when we used exhausted and were looking out a for a guinea unleash our frustrations on.

Special mention goes here to the Head of Finance who never allowed us to realize the turmoils in his pe life and selflessly gave in his day and night to fi work. My friend your tears didn't go in waste. They a acted as catalysts to our efforts. Thanks mate.

Above all were two guys ,totally discordant with each when it came to decision making but always in the fo when it came to execution of the task in hand-Raj people still think he is the GS) and Varun who omnipresent always. I know both of you didn't w many friends in the process but the basic underline is that both of you were real pillars of strength of S 2005. I have to categorically mention that if there w architect to SPACE 2005 it has to be Rajdeep an proud to have the privilege to work with such a work

We unearthed a new jewel in SPACE 2005 and th Bala who was techno-savvy and at the same time hi too. His effort is a fitting reply to his detractors who to learn a lesson or two about teamwork and spor spirit from him. To aid Bala were the silent ass Aaron, Ashish and Bhuté who managed the tec aspects of SPACE 05. Equally brilliant was Dhuri a

The principal mark of genius is not perfection but originality, the opening of new front
— Arthur Koestler

team with their awesome picturisation of our theme AQUATICA. Good job dude.

Looking back upon those two months of hardship and about the sleepless nights and the hungry stomachs working overtime, I distinctly remember the quarrels in the GS room (actually the C&C room), the cacophony in the quadrangle,the Muthuisms,the theft of sand from the Versova beach for our Sun & Sand Village, the leg pulling of the unfortunate ones who dared to fall in love with collegemates, the one liner framed by Mohit- 'Thok Daal', the constant bickering amongst the admin team members in UDR, Agasthi and his darker side –Noor,Tarte and 'girls'- pieces of advice,Bhise and the monotonous rotation of his mobile phone, the PCO in the GS room, Dhuri and his lavish demands,Punit and his frequent visits to the police stations of Mumbai, the CEC's and the flock of girls around them and the subsequently jealous Chairman (his desire to grab the post of single CEC still remains), the setting up of food stalls by Kapil Zadoo, the adventure of the FEs while Mumbai was being painted blue, the incessant arguments at midnights, which were mediated by Sameer Dhar, and so many more minute incidents which make my eyes moist out of exhilaration that we accomplished the mission or anguish that these moments wont come back again ,even I don't know. We have lots of highs to take back from this mega event and I hope everybody associated with SPACE 2005 comes out a shade wiser and better in all aspects of life hereafter.

Finally I on the behalf of SPACE committee thank all of them who in their own way contributed to the welfare of the fest and whose names still don't find mention in this glossary. Signing off in the most typical proverbial style widespreadly used during SPACE 2005- 'Baba ki Jai'.

Abhinav Guha
TE (Civil)
Chairman, SPACE 2005

My Journey With The Finance Team - From The Probable To The Possible

"The journey is long, but remember o' boy, In the process lies the pleasure; in the journey lies the joy. "

Working in the finance team for SPACE 2005 was an unparalleled learning experience for me. Knowing that finance is one of the most important pillars on which SPACE stands we started working on the 5th of December. A theme was decided, brochures were printed, and teams of SE's were selected.

But unfortunately my father had a massive heart attack and had to undergo a bypass surgery. This meant that I was unable to devote any time to my work as the Head of Finance. I would like to thank my friends Abhinav , Manish Gupta , Rajdeep , Varun and Kunal K who were instrumental in ensuring the smooth running of the finance team while shouldering their own responsibilities . Their support, encouragement and belief in me fuelled in me the desire to work hard and make up for the time lost. Also all the SE's who worked with utmost sincerity and dedication.



I returned to work by the end of December. We were facing a plethora of issues. The tsunami disaster meant that many companies were apprehensive about sponsoring a college festival. Many of our friends had gone back on their word regarding sponsorships. Time was running out and the festival was nearing.



The situation called for meticulous planning and perfect execution.

But thanks to the unflinching enthusiasm of the TE's of the finance team we soon got back on track . Kunal Agarwal as the Head of Finance Team did a splendid job of delegating responsibilities and exploring newer avenue's, at times thinking out of the box (earning him the sobriquet- Fundoo). Kunal Sukhtankar and Sushant were a symbol of perseverance and commitment. Tejas Nadkarni and Priyesh attended every appointment without ever complaining and were helpful on the days of SPACE as well. Anirban ,Amit and Dhaval were the enthusiastic SE's who toiled for almost 3 months .Tejas Atawane and Meghna made late yet vital contributions .

Planning for the future without a sense of history is like planting cut flowers. — Daniel Boorstin

There were many obstacles in our path, but every rejection we faced egged us on to try harder. We approached every appointment with a renewed sense of vigour and enthusiasm. At times we worked for hours without any positive results. But we persevered knowing that "The darkest hour is the one before dawn."

At one point of time I admit that the financial state wasn't really bright. What moved me was that teams such as Admin and Publicity offered to cut down on their own costs to help us out. Varun, Agasthi, Muthu, Raghavendra, Shaalmali, Kapil, Mandar, Bala made important contributions despite not being members of the finance team.

It was amazing to see how differences were kept aside and demarcations between the teams blurred. The 10 different teams metamorphosised into one single undivided team called SPACE committee.

All the members of the finance team strived hard against daunting prospects and eventually succeeded proving that "If the mistakes of today are your lessons for tomorrow, the tragedies of today are your inspiration for tomorrow, the disappointments of today are your motivation for tomorrow, Then your weaknesses today shall be your strengths tomorrow. "

I am asked at times " What is the most unique feature of your finance team?"

Maybe I am the first Head of Finance whose Finance team had almost 30 unofficial members encompassing the whole SPACE committee. People went out of their way to contribute to my team. People were driven by passion and their fierce determination saw us through.

My journey was not like a smooth perfect figure drawn using a scale. It was more like a free hand sketch. The human twists and turns made the journey both challenging as well as enjoyable, and of course cherish able.

Mohit Daptardar
TE (Electronics)

Men And Women

Recently, a friend of mine made an interesting observation. He compared "girls" (note that the use of quotation marks applies for females from the age group of 16 to 23) with Microsoft Windows operating system (my sincerest apologies to anyone hurt by the comparison). The common characteristics that came to his mind were:

a) Both are attractive (visually)
b) Both get difficult to handle with more time spent with them.
c) Both stop working (in computer terminology "hang") so often that it frustrates one beyond imagination.
d) Both are highly unreliable.
e) Both are painfully slow.

Being a male I would have already earned some vicious compliments (MCP etc.) by stating the above. But I do plead some tolerance and beg you to read on. The above is what probably 99.99% of males fell (considering that the other .01% are at the stage of infancy). Men are troubled by the eternal question "What do women want?". But seldom are they ready to understand the answer themselves.



Why are women so complex to understand? Is it because they harbour in them a galaxy of emotions or is it because we men are totally emotion less? My tryst with this question began right at the beginning about 22 years ago (women please note that I, being male, have no qualms about revealing my true age). I have an elder brother, so my parents prayed and prayed for a daughter. But alas their prayers were not answered and I was born. There was an overhanging sense of disappointment at the revelation that I was a boy, that too in an era where sons were (pathetically, apologies again for politically incorrect language) preferred over daughters!! They had no intention of keeping this as a secret from me. So I asked them (naturally) why they wanted a daughter. My mother was prompt with the reply, "Daughters are helpful, diligent, obedient and most importantly never forget their love for their parents." I must agree to the fact that the last quality stated by my mother is very true. The very example I see at home everyday. My father spends more time with his in laws than with his own mother!! Anyway, moving on, I once asked a





Success is 1% inspiration and 99% 'preparation'. — Shruti Srivastava

girl what she seeks in life. She answered, "Love, security and lots of care". The reason that she instantly disliked me was perhaps because I promptly replied with a typical male dumbstruck expression on my face, "All three together?".

I am sure my fellow male counterparts have been through this too (and if not then enjoy the bliss of ignorance my friend). By security, perhaps, females mean that the attention should be focussed on one person for an entire life span. Say the same to any male and the reply would be, "One person? Don't you get tired of the same person?". Clearly, males do lack the sensitivity the fairer sex possesses. A comparison of males and females (strictly according to me, reader discretion advised) would be:

Males are quicker, wittier and smarter but amazingly lethargic and egoistic. There is a seventy percent probability of a male shying away from hard work.

Females may be slower but are diligent and very hard working. And whosoever (males) thinks that females are egoistic should take the examples of their very own mothers who painstakingly put up with the tantrums of children, husbands and parents without feeling hurt or obliged.

Now, according to me, the equation gets clearer; males hate hard work and understanding someone is really tough. Hence we give up instantly throwing the question in dramatic frustration "What do women want?". But being fair to the males, women keep beating around the bush and say "If you don't know it by now, what's the use of telling you?". Probably by acknowledging the hard work (males) and by being blunt and direct (females) these cobwebs of misunderstanding can be cleared eternally. And if the question is ever answered I have one more for the taking: "If men are from Mars and women are from Venus then who is from earth?"

Sameer Dhar
TE (Electrical)

The Motley Crew



First of all, a disclaimer - this article has nothing to do with Pamela Anderson or her ex-husband. Apologies to music and entertainment fans there. I hope I have not scared away most of my intended audience with that line!

The Motley Crew (or "Motley" for short) is an informal quiz club that hosts quizzes (or is supposed to) once every week. It was revived in the college by the batch of 1999, after initially being started some time back in 1994. Traditionally, the Second Years (SE) organize these quizzes with one class taking the turn every week. The idea is both to encourage quizzing and Literary Arts in the college and to get an opportunity to chill out after a hard day of attending lectures and practicals. It also serves to unearth the talent of the freshers and to get an opportunity to interact with them. The quizzes are generally held in rooms 237/238. The prizes for winning usually range from an éclair to a Cadbury's, depending on the generosity of the organizers!



There is absolutely no restriction on the quiz topic. Apart from the usual suspects - General Knowledge, Trivia, Sports, Entertainment, Maths and Logic and the Word Quiz; various theme quizzes ranging from cartoons to cars and planes and

Harry Potter also make their appearance. So, if you have a subject you are passionate about, feel free to organize a quiz on it!

The true spirit of any Motley is to participate, and have fun at that. Guessing is strongly encouraged! In fact, the best quizzes are those which rely not upon the memorization of facts, but those which give you plenty of scope for guessing and working the answers out! To quote an alumnus - the concept is a "Flat Forehead" one; meaning that - the answers should be so obvious when given, that people slap their foreheads ("Why didn't I think of that?"). An apt description.

The best part of a Motley quiz is undoubtedly the audience! Apart from the partisan cheers (and jeers), it provides the much-needed comic relief at times. Sometimes, the best answers are those given by an audience member in a moment of jest (much to the surprise of the person himself). As many participants discover (generally to their chagrin), the audience is omniscient, omnipotent and (for the sake of a successful Motley) omnipresent!

Motley has an online avatar too, where quizzers from the years gone by, now spread all over the world continue to correspond through quizzes. A great way to keep in touch with the happenings in college even when you are no longer part of it.

The proof of the success of the Motley Crew lies in the quizzing dynasty it has churned out since its revival in 1999. Starting from Srivatsa (2000) to Harshil, Nihal, Nimish, Jagdeep, Sundesh, Amit, Kaushik and in recent memory - Shrijit, Nirad and Nishad. (Sincere apologies to all those seniors whose names I have not mentioned here - I simply do not have all the names at hand). All of them have won at numerous college festivals around Bombay and not just at quizzing or the Literary arts. The crowning glory for the Motley Crew was undoubtedly SPCE winning the inaugural "University Challenge" Quiz in 2004. Here's hoping that the spirit of the Motley Crew remains forever in SPCE, and hoping for far greater successes in the future!

- On behalf of the Motley Crew, past and present: Bharat Jayakumar

Bharat Jayakumar
BE (Electronics)

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It is not the strongest of the species that survives, nor the most intelligent. It is the one most adaptable to change" — Charles Darwin

MESOPOTAMIAN MESS

Channel surfing is my favourite pastime . While indulging in the process of "preferential viewing", I came across some random pictures flashed on the T.V. screen— graphic images of abuse at the Abu Ghraib prison in Baghdad. These images etched an indelible mark in my mind. It has also compelled me to write an article— an effort based on facts without prejudices and pre-concieved notions.

U.S., the only super power has been advocating hypocritical foreign policies. These policies have always been unilateral and amusingly self-opinionated, especially when it comes to George Bush and his top political establishment.

Interestingly, Saddam Hussein was an ally of the C.I.A. during the 60s and the 70s when U.S. wanted to exercise its control over Iraq's government formation. U.S. also connived with Saddam's regime during the Iran-Iraq conflict during 1983-88. But there was a radical change in U.S.-Saddam relations when Iraq threatened the flow of oil through the Persian Gulf during the Kuwaiti invasion. In response to this, U.S. mobilized its army for the now inevitable "first Gulf War". As we know, the pivotal reason for the American intervention during the Gulf War –"OIL". 12 years of bloody war and series of harsh sanctions left Iraq in dire straits.

In early 2002, U.S invaded Iraq on the pretext of searching for WMDs which was a preemptive action. As the Iraq war-" a war which was the U.S. could win in 48 hours"-enters its 21st month with more than 1000 U.S. marines killed and the cost of war going well above $200 billion and the whole world asks just one question" Is Bush a fraud?". Bush is trying to sustain his " War on Terror" by beautifully contriving and concocting stories and misleading the American citizens. A noted comedian Jay Leno commented on the hypocritical nature of the Iraqi war. He said," We named this war (operation Iraqi freedom) until we realized that the name (Operation Iraqi Liberation) spelt "OIL" in abbreviated form. Yes, indeed, the prime motive of U.S. invading Iraq is oil.

I observed an interesting point when following the Iraqi war on CNN as well as BBC. CNN had a caption " War on Terror" and contrastingly BBC had a caption " Iraq Invasion" in their daily news bulletins. This observation is ironical for the reason that U.K. and the U.S are allies in this war. I believe that media reflects the true nature of the story but not in the case of American media. American media believes in self-censorship. Call it "Patriotism" or "double standards". It is hard to decipher. According to CNN, NBC , FOX NEWS etc, an Iraqi suicide bomber blowing up 4 U.S marines is an act of crime, whereas a American pilot who drops a 2000 lb laser guided missile in a Baghdadi suburb dismembering 60 innocent Iraqi people, is well within the war protocol.



STATUS QUO: U.S and its allies are still fighting their psuedo "War on Terror" with unknown enemies. These enemies are freedom fighters. Everyday in Iraq is marred by car bomb blasts, skirmishes and ambushes. These are manifestations of the Iraqi resistance against the U.S. occupation. The Iraqis were repressed under the Saddam's regime but being invaded by U.S. is far more sacrilegious to them. Bush has been elected again as the president of U.S. for the second term. I was shocked to hear this and so were scores of likeminded people. According to an article in the "Readers Digest", Bush was re elected due to the support from " conservative America". This is the America that goes to church every Sunday, supports war on Iraq and views U.N suspiciously. We, as foreigners knew of the" glamour America" but the "conservative America" is quite a revelation.

The world now can just wait and watch George .W. Bush extend his war on terrorism to newer destinations like Iran and North Korea. We wish him all the luck for his new "imperialistic misadventures" and watch the world become an unsafe place to live.

Sourav Bhuyan
SE (Mechanical)

Beware! All expansion is life, all contraction is death. All love is expansion, all selfishness is contraction. —Swami Vivekananda

Saving is sin, spending is virtue



The Japanese save a lot and do not spend much. Also Japan exports far more than it imports. It has an annual trade surplus of over 100 billion dollars. Yet the Japanese economy is considered weak, even collapsing.

Americans spend much and save little. Also, the US imports more than it exports and has an annual trade deficit of over 400 billion dollars. Yet the American economy is considered strong and trusted to get stronger. But from where do the Americans get money to spend ?

They borrow from Japan, China and even India. We, virtually, save for the US to spend. Global savings are mostly invested in the US, in dollars. India itself keeps its foreign currency assets of over 50 billion dollars in US securities.

China has sunk over 160 billion dollars in US securities but Japan's stakes in US securities are in trillions.

Result: The US has taken over five trillion dollars from the world. So as the world saves for the US, Americans spend freely. Today, to keep the US consumption going ie for the US economy to work, other countries have to remit 180 billion dollars every quarter or 2 billion dollars a day to the US! Otherwise the US economy will go for a six. So will the global economy. The result will be no different if US consumers begin consuming this.

A Chinese economist asked a neat question: Who has invested more, US in China or China in US? The US has invested in China less than half of what China has invested in US. The same is the case with India.

Why is the world after the US? The secret lies in the fact that Americans spend, in that they hardly save. In fact they use their credit cards to spend their future income. That the US spends is what makes it attractive to export to the US. So US imports more than what it exports year after year.

The result: the world is dependent on US consumption for its growth. By its deepening culture of consumption, the US has habituated the world to feed on US consumption but as the US needs money to finance its consumption, the world provides the money. It's like a shopkeeper providing the money to a customer so that the customer keeps buying from the shop. If the customer does not buy, the shop won't have any business unless the shopkeeper funds the customer.

The US is the lucky customer. And the world is the helpless shopkeeper-cu financier. Who is America's biggest shopkeeper financ

Japan of course.

Yet it is Japan , which is regarded as weak. Mod Economists complain that Japan does not spend. He it does not grow. To force the Japanese to spend Japanese government exerted itself - reduce the sav rate, even charge the savers (????!!!!) Even then Japanese do not spend (habits don't change even taxes, do they???). Their traditional postal savings a is over 1.2 trillion dollars: about three times the Ind GDP. Thus, savings, far from being the strength of Jap have become its weakness.

Hence what is the lesson?

The lesson is: A nation cannot grow unless the pe spend, not save - not just spend but borrow and spe

Dr. Jadish Bhagwati, the fa India-born economist in the told Manmohan Singh Indians wastefully save. Ask to spend on imported cars even on cosmetics! This wi India on a growth curve.

"Saving is sin, spending is vi Before you follow NeoEconomics, get some foo save so that you can borrow them and spend. This is wha US has successfully done i few decades.

Chirag Pa

TE (Compu



Society often forgives the criminal; it never forgives the dreamer. —Oscar Wilde

FATE & FATALITY



July 3rd, 2007, Wimbledon, U.K. – The crowds were wildly cheering him on. It had been 69 years since any Englishman reached Wimbledon Final and 71 years since Fred Perry won it in 1936. George Ridgeley was playing high-level of tennis against his American opponent, World No.1, to go two sets up. The Rolex scoreboard on centre-court read 6-2, 6-4, 3-1 in the favour of the British. It was a fantastic success story, coming from virtually nowhere to reach the Wimbledon finals. He readily fed the insatiable British tabloids and became a darling of the press. George was the latest sporting sensation in England since Wayne Rooney. He won the grass-court tournament at Queen's and gave hope to the country of a Wimbledon Title. But little did they know about his past. He came from the middle-class and due to funding and support by an generous American, he was able to pursue his dreams and make a career in tennis. The country didn't care where he came from, as long as he was British, and, was going to present them a Wimbledon Trophy.

July 3rd, 2007, Pennsylvania, US – William Tilden was driving down in his limousine to the city of Pittsburgh to meet his mother who had urgently summoned him. He could have flown there, but didn't; he was one of the 25 million people in US who suffered from Aviophobia, the fear of flying. One of the growing big names in Investment Banking, he became one of the youngest multi-millionaires in the country. He relaxed in his seat, sipped cola, and watched the Wimbledon finals on the television. The scoreboard read 6-2, 6-4, 5-4 with the British serving for the Championship. A mysterious smile spread across his face.

September 2nd, 1985, Boston, Massachusetts – Little activity was going on in the wards, except one, of Purander Maternity Hospital. The news was just broken to Elizabeth that her baby was born dead. She didn't have any tears left for him. They were all used up for her previous two babies who had met similar fate. And she knew this was her last chance to have a baby. She sat there cursing God with her husband beside her. The woman in the opposite bed, who had delivered a baby boy two hours back, couldn't bear Elizabeth's pain. She didn't know why but she felt an attachment towards her. Driven by her inner voice, without consulting her family, she moved towards Elizabeth's bed and reluctantly handed over the baby. Both the women looked in each-other's eyes. And no words were exchanged. There wasn't any need. Words would have only besmirched this pristine moment. She, holding the hand of her 6-year old son Bill, left the room with her husband.

Sometime in 1992, New York, US – On repeated requests from Bill to his mother, she explained to him the events of that fateful day. Unable to break off the bond with her baby boy, she had tracked down the name and address of Elizabeth from the hospital. Over these years, she had learned that Elizabeth's first husband had divorced her and she was now happily married to a British gentleman. From her close friends in England, she was kept informed of the boy she had renounced.

18:33, July 3rd, 2007, Pennsylvania, US – The driver of the limousine could feel the tautness in his body. The radio commentator's voice was frantic at worst. From two sets to love and three match-points down, Ken came roaring back to win the third and took the fourth set into a tie-breaker. George squandered many chances in the tie-breaker and Ken fought back like a lion saving every match-point. Another unforced error from George gave Ken his first set-point. The tension on the driver's face increased. Incongruously, his eyes were fixed on the radio set. The radio blurted the news of Ken winning the fourth set after a wonderful lob from the backline. In his excitement, the driver lost control of his wheel and crossed the lane to suddenly realise a truck coming towards him.

19:41, July 3rd, 2007, Wimbledon, U.K. – An ace down the tee. History was rewritten. The scoreboard read 6-2, 6-4, 5-7, 6-7, 10-8. The uproarious British were screaming and shouting celebrating the victory.

An eerie silence surrounded a particular highway in Pennsylvania.

Harshival Shah
BE (Computers)- Batch of 2002

The only tyrant I accept in this world is the still small voice within me. — Mahatma Gandhi

The Relevance of the Mahatma

Criticizing Mahatma Gandhi seems to be the 'in' thing nowadays. "Gandhi(ji) was a pop star" declared one of my friends. The other day, I heard a group of people discussing that Gandhi(ji) was the only person on whom money was spent to give an image makeover and make him look 'poorer' than he was. In many cinema halls when a film on a certain national leader was screened, the arrival of Gandhiji on screen was greeted with catcalls and an immense repertoire of abuses, most of them unprintable. It pains me to see this collective mauling of Gandhiji and his ideals. I do not say that he was the most perfect man that ever lived. Nor will I say that he served freedom on a platter to his fellow countrymen. His philosophy of truth and non-violence was far from original – as he himself stated. In his early life he committed many mistakes – he used to steal money to buy cigarettes. He was very westernized even as a lawyer in South Africa. His greatness lies in the transformation that he had undergone upon seeing the injustice meted out to the Indians in South Africa. That proved to be the launch pad for a lifelong journey of truth and non-violence. I wince when I hear people say that non-violence is a refuge of the weak. Far from it. It is a potent weapon of the strong. It implies that you will not give in to your oppressor, no matter what the provocation. You can simply dust him off, like a mosquito. You will not allow him to affect you. At the same time, you will never give in. Gandhiji always maintained that "Tolerating injustice is a bigger crime than inflicting it". He opposed the British rule, and was unequivocal in his opposition. Why else would he have dared to pick up a pinch of salt on the shores of Dandi on that fateful day in 1930? Why else did he give us the slogan of 'Do or Die' leading to the initiation of the 'Quit India' movement? To say that he was pusillanimous in his dealings with the British is the typical rhetoric of the people who have no knowledge of Gandhiji's life. Violence always begets violence, leading to a never ending cycle of misery and fear. If initially the freedom struggle was not as successful as it should have been, it is because not all Indians were true to their motherland. Otherwise there is no way in which 105,000 people can rule over a nation of 35 crore people – violence or no violence. Making Gandhiji a scapegoat is surely little more than nonsense.

It may happen that people will soon begin to doubt the existence of a man such as Gandhiji. He may end up turning into a figure of legend, about which little is known but much is assumed. However, people with an open, logical and rational mind will always find his teachings to be relevant and will cherish his ideals till the end of their lives. It seems appropriate for me to end this article with the words spoken by Albert Einstein on Gandhiji's 70th Birthday:



"A leader of his people, unsupported by any outward authority: a politician whose success rests not upon craft nor the mastery of technical devices, but simply on the convincing power of his personality ; a victorious fighter who has always scorned the use of force ; a man of wisdom and humility, armed with resolve and inflexible consistency, who has devoted all his strength to the uplifting of his people and the betterment of their lot ; a man who has confronted the brutality of Europe with the dignity of the simple human being and thus at all times risen superior.

Generations to come, it may be, will scarce believe that such a man as this ever in flesh and blood walked upon this earth."

Akshat Kuma
TE

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Money brings some happiness. But after a certain point, it just brings more money.
— Neil Simon

Captaincy of Saurav Ganguly

Ganguly's record as captain is outstanding. Numerically, he has more Test wins to his credit than any other Indian captain. He is the only Indian Captain to win both the One Day and Test Series on Pakistani soil. More importantly, he has been credited with transforming the Indian players into a vibrant team with an excellent team spirit. On the other hand, he is a temperamental player and has often attracted controversy. He is religious and superstitious.

The highly disappointing loss to Australia in the third test at Nagpur(November 2004) sparked off one of the fiercest debates in the recent history of Indian cricket as to whether the team should continue to move forward with Saurav Ganguly as its captain.

How much ever disgusting this huge loss may be to the fans, they must not forget that it was Saurav Ganguly who led the Indian team to whatever heights it has achieved. It must be remembered that when he took over the mantle of captaincy from Sachin in 1999 the Indian team was going through a very rough time. India used to lose more matches than it won.

He led India to the finals of the World Cup, a feat no captain had managed to acheive after the World Cup win in 1983.Then came the historic series Down Under when Saurav himself set the tempo for the series with a blistering 144 at Brisbane. In the following three Tests India performed beyond expectations and as a result retained the Border-Gavaskar trophy it had already won in 2001, following the miracle at Kolkata and the great bowling at Chennai. After the success Down Under came the historic tour of Pakistan in which India handled the pressure and hype better than any one expected them to as a result of which the team won both the One Day and the Test series 3-2 and 2-1 respectively. And how can anyone forget the historic run chase and eventual victory in the Natwest trophy in 2002? The above cited instances are proof enough to show that Saurav Ganguly has been an excellent captain who has raised the standard of Indian cricket both in India and abroad.

There are quite a few reasons which suggest Saurav Ganguly is the best man to lead India on the cricket field.

- Aggression
- Ready to take the blame
- Backs those who have potential
- Good Communicator
- Passion for the team



Lastly, Indian cricket at the moment is facing the There-Is-No-Alternative (TINA) factor as far as captaincy is concerned. Like him or not, Ganguly remains the best man for the job. It's time he gets the necessary backing.

While the win record in ODIs has been a lot better, India has made considerable improvement in the Test matches. Having said that, there is still a long way to go before we become one of the top teams in Test matches but relative to our Test match performances in the last decade and a half, there has been a marked improvement. We are winning Test matches abroad now after fifteen years although we still lose the series. It's universally agreed that winning abroad is more difficult, yet Ganguly and his team never got even a fraction of the credit and praise that England and Australia get from their media for winning in their home countries.

A lot of negative remarks have been made and written about Ganguly's own batting, a lot of which is owing to this inexplicable "Ganguly bashing" attitude of our media.. His batting averages and strike rates haven't dropped at all after becoming the captain and yet every few weeks his ODI batting form is criticized. His test match form had undoubtedly dipped a bit but that has happened with most Indian captains including Tendulkar, Azhar and Gavaskar. Foreign captains like Border, Taylor, Waugh, Vaughan, Artherton and Nasser Hussain have all gone through extended bad patches but they were backed by their media because their teams were winning matches. Our media should also give Ganguly encouragement and backing for the home record and the rare overseas victories that we got despite his below par batting form.

I would request the cricket lovers and media to back this man who has brought a refreshing fighting and professional approach to this Indian team, which is improving with time. Criticize him for his mistakes occasionally but give him his due credit for his achievements. Think and analyze for yourself and in the light of what's good for Indian cricket and not merely because a BBC commentator or a Tony Greig, Steve Waugh or Nasser Hussain dislike Ganguly.

Kunal Krishna
TE (Computers)

Handsome is As Handsome Does

Once a child got lost in the woods while it was playing with its mother. The child went on crying and

reached a small hamlet nearby. The passersby stared at the child and then went on to ask what the matter was. The child said that she couldn't find her mother. The villagers asked her to describe the mother. The child said that her mother was the most beautiful woman in the world. The villagers started searching for such a person. Just then the child ran and hugged a woman who had come in search of her. The villagers were very surprised to see the child's mother for she was a fat dark lady.

The story tells us that a person having good looks need not be handsome always. For a child, its mother is the one who cares for it, looks for its difficulties, plays with it, hence the child considers her beautiful. It is the general tendency of every person to judge a book by its cover.

Lovers most of the time do not look like an attractive couple. The girl is beautiful but the boy is not handsome or vice-versa. Might be that the girl was not impressed by the looks but by his handsome nature or his talent. The very example of our cricketers of our nation proves that a handsome is as handsome does. There may be lakhs of girls dying for Sachin or Sourav and this number surely increases by a lakh again whenever Sachin hits a century or plays handsomely leading India towards victory.



People become famous or lose the limelight only because of their deeds. A person can be moulded by his work.

Mother Teresa would never have been selected for a beauty contest. Mahatma Gandhi would never have figured in Mr.Grasim. What counted more was the inner beauty that radiance which is imperishable.

Karuna Naik
TE (IT

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If you would not be forgotten as soon as you are dead, either write things worth reading or do things worth writing. — *Benjamin Franklin*

Lemon and Lemonade

If you have a lemon, make lemonade. That is what a great educator does; fools do the opposite and indulge in an orgy of self pity. A wise man learns from his misfortune and turns a lemon into lemonade. How about this story-

"I lost both my legs twenty-four years back. I have never taken a single step since then", he said. When asked whether he repented for this, he replied, "No I am glad it happened." He developed an intense interest in reading books. As a result he became interested in politics, read public questions and gave speeches from a wheelchair! He got to know people, people got to know him. And – still on his wheelchair – he got to be secretary of state for the State of Georgia!! He is Ben Forston. You might have heard of him.

Great men have overcome their drawbacks and lead their fields in history. Milton wrote better poetry because he was blind. Beethoven composed better music because he was deaf.



Here is how one can sum up the attitude of great men who overcame their drawbacks. Once when ole Bull, the world famous violinist was giving a concert, a string on his violin suddenly snapped. Ole Bull simple completed his melody on three strings. "That is life", says Harry Fosdick, "to have you're A string snap and finish on three strings."

That is not only life. It is more than life. It is life triumphant! Remember when fate hands us a lemon, let's try to make lemonade.

Ameya Patil
FE (Computers)

To lead or not to lead ..... the choice is yours

To 'be' a leader is a quality of an individual; so also being a follower is a quality of an individual. At times we are leaders or followers or both. For example there are two students A or B. 'A' studies because he has to score,pass in examination secure a good grade,get the approval of parents/ teachers ,bring pride to the family, community. He studies to understand or else mug, to reproduce in the examination. At the end of the evaluation he has already forgotten.

'B' studies because he is curious. He wants to learn, understand and absorb. He is driven with interest. He studies beyond the curriculum. His focus is on knowledge. He enjoys his studies. He is in here and now. Guess the follower and leader in the above cases, you are right, 'A' is a follower who dictates outside him, his family expectation, society acceptance. He studies because he has to not because he wants to . 'B' is a leader, who leads himself because he wants to.

'B' wants to utilize his capabilities and potential and put to test for himself. He is experiencing sheer joy of learning and later sharing with the world. His fulfillment is in challenges and not contentment. He accepts his limitations and goes beyond them, while a follower limits his limitation and stays within these.

This example applies to each one of us in any day to day situation of life.Take a moment and recollect or better write down the situation where you were a leader and how you felt. Alternately remember the situation where you were a follower, how you felt and what you could have done to feel good about yourself. A leader uses all his facilities to the best of his ability to be constructive for a positive outcome. He is INSIDE ->OUT. He is a contributor.



A follower follows the set rules of game gives only as much as required and stops for the next command. He is OUTSIDE -> IN. There is no yesterday or tomorrow for a leader for he is in the NOW. While a follower in NOW thinks about yesterday and tomorrow which are of no consequence. The leader sees the world as a part of him while a follower sees himself as a part of the world.

At every stage we have a choice. Make a choice where you feel good by giving all you have rather than wait for what you will get. Leaders sees mirages as oasis follows sees oasis also as mirages. Ironically there are also leaders who follows and follower who are leaders in their own way.

Dr. Ambrish Bhatt
Mobile: 9820323060,
E-mail: drakbhatt@yahoo.co.in
Student Counsellor, SPCE

First, they ignore you. Then they laugh at you. Then they fight you. Then you win.
— *Mahatma Gandhi*

Questionnaire on "Lead or not to lead"

Gauge your ability to lead effectively by responding to the following statements and mark options closest to your experience. Be honest as you can. The options are: -

1. Never 2. Occasionally 3. Frequently 4. Always

Add your scores together and refer to analysis to see how you have scored.

1. I ignore small mistakes, errors and focus on more important matters ___.
2. I am able to accept criticism and always react to do well ___.
3. I am relaxed while working and keep calm while dealing with others___.
4. I am extremely secure and confident in what I undertake ___.
5. I keep professional and personal relationships separate ___.
6. I give credit to the individual/group as whole when high levels of performance are achieved.
7. I am seen as a fair and a just person who does not take sides.
8. I convey my feelings of security and tranquility to them ___.
9. I convey a sense of friendliness and concern for others ___.
10. I treat people in lower portions with respect ___.
11. I avoid being a boss and treat them as equals ___.
12. I treat my sub-ordinates in exactly the same way as my superiors ___.
13. I show that I am an excellent communicator and can motivate others ___.
14. I admit my mistakes ___.
15. I respect myself and hold my self in good opinion ___.
16. I am aware of my strengths, weakness and limitations ___.
17. I show impartiality in respect of caste, community, religion or gender ___.
18. I accept the opinions of others even when they differ from mine ___.
19. I am just and impartial in acknowledging of others ___.
20. I choose between speed and perfection, depending upon the situation ___.
21. I involve myself in situations only when my intervention is required ___.
22. I generate a high level of TRUST ___.
23. I cleverly distinguish between urgent and important ___.
24. I concentrate less on small details and give more attention to important matters ___.
25. I know that I am creative person who is always change-oriented ___.
26. I promote creativity and innovation so that people feel free to suggest ideas ___.
27. I believe in unity in diversity ___.
28. I make excellent use of available resources at my disposal ___.
29. I believe that every person has his or her own individual articles and potential ___.
30. I do not procrastinate ___.
31. I continuously upgrade my skills and knowledge ___.
32. I am more HERE and NOW oriented ___.

Analysis: -

Add up your score and check your performance by reading the corresponding evaluation.

Whatever level of success you have achieved in leading people, it is important to remember that there is room for improvement.

32-64: You will be losing the authority to lead. More of a follower.

65-95: Your leadership skills are generally sound.

96 –128 : You are a fine leader. Lead others to become a leader.

The faster you travel, the slower you age! — *Albert Einstein*

Real Success in Life

One in five children admit to stress related emotional disorders. 40% children admit to severe anxiety. The teenage suicide rate has trebled over a period of 25 years.No my friends, these statistics are not taken from any western magazine, but from a report that was recently published in an Indian news magazine.

Let us analyze why this has happened. Today 'SUCCESS' is measured in terms of how well one performs at workplace. One works very hard day and night to enhance his skills; Monday to Saturday he toils. And, perhaps, Sunday he may sleep nicely so as to prepare himself for the next week's work. This situation is summed up beautifully in this quote –

"First I was dying to finish high school and start college

And then I was dying to finish college and start working

And then I was dying to marry and have children

And then I was dying for my children to grow old enough for school

And then I was dying to retire .....And now

I am dying – and suddenly I realize I forgot to live."

Even 25 years ago life was more peaceful. There were no cell phones. The sudden growth of BPO and IT companies has increased interaction of native Indians with the people from other cultures. While interacting with them, one naturally comes into close contact with their culture, lifestyle, habits etc. Views diverse on the economical, philosophical, political fronts clash against each other. This eventually leads to an identity crisis. On one hand we have our culture, the culture which has been the basis of our own personality. And on the other hand our newly adapted work culture conflicts with our home culture. And, what is this new culture all about? One of the top agendas for 2004 US Presidential Elections was ensuring employment for the American youth. Things are mimicked in India; if one has a good 'satisfying' job, he has got ultimate success in life. On the personal front, today it's considered a taboo, if one claims to agree for marriage as per the arrangement of his parents or seniors. The young 'independent man' chooses his life partner on his own. And we can see that the divorce rate has increased in a proportionate way. Why so? Because, this is the age of liberalization. And, why so? Because, the Western civilization is going that way. However, the youth today is not aware of the details. In America one's marriage is considered to be a huge success if it lasts barely three years. According to recent statistics, 75% of American couples head for a divorce within the first 3 years of marriage.



Ultimately everyone wants happiness in life. All of one's activities are directed to the one single thing – happiness. For this purpose, one has to make a choice between 'enjoyment' and 'enlightenment'. And, if he makes a wrong choice here then all his activities are just a waste of time. He is simply chewing what is already chewed. A short story will further explain this truth. This is the story of a man who was told by his father when he was on his death bed that he actually had a lot of wealth hidden underground. But, before he could tell him the location, the old man died. This son searched everywhere, all over the village, but wasn't successful in getting his father's wealth. And, later he died. But, his relatives discovered the huge amount of wealth! Guess where? In the backyard of his house!! They were digging the ground for burying his body.

This should give us some hope. HAPPINESS is not something we have to search the entire world for, but it's something we have to search within us. You just have to delve deep within you. My friends, it's not that to do this one has to undergo physical austerities and emaciate your body. We only have to understand that we are not this body, but the soul within and work with respect to that reality. Understanding of that we are the soul is very simple. We refer to any thing possessed by us, say a pen or watch as "My pen or my watch." We can go on ahead by referring to our hand as, "My hand", and the body as "My body." So, even the language has the provision through which we can understand that I am different from the body. If someone still argues over this reality then explain what is the difference between a living body and a dead one. They say that he's gone. Who has gone? The body is still there. The person has gone – soul. What is the symptom of the soul? Consciousness is. Man may have very high end computers working as humans, but what is the difference between robots and humans? That is consciousness. We are much more than a bundle of chemicals as some scientists proclaim. We ourselves rebel at the thought that we are just a bundle of

LOVE is life in its fulness like the cup with its wine. — *Rabindranath Tagore*

chemicals. We have emotions, we think, we feel, we will.

If we know that we are not the body, but the soul then what next? We should act based on that reality. Otherwise, what is the use of this understanding? An analogy here would make things clearer. There was a king who had 4 wives. He would interact with each of his wives in a different way. He gave everything that his first wife demanded. He used to take the second wife with him wherever he went. With the third wife he spoke confidentially. And, his fourth wife he completely neglected. This was his disposition towards his queens throughout his life. When the king was in his death bed he called out for the first queen informing her of his condition and asked her to accompany him. The first queen replied, "There is no question of me coming, rather I am snapping away whatever relation I had with you." The King was broken hearted to see this response. He called out for the second queen. She said, "As soon as you die I will run away with someone else." The King was devastated to hear this. He then thought that may be his third queen will be merciful towards him. He called out for her. She came and she was sad to know the condition of the king. She said, "I could accompany you dear king, but how far can I come with you. I can come only up to the funeral." The king was morose, and since he neglected his fourth queen he thought how she will help him. But, then the fourth queen came to him. She spoke, "My dear King even though you never took care of me, I really love you. All your life you had been engaged in serving these three queens, but they really have no affection to you. I will come along with you. I've been with you in all your past lives and will continue to be with you in future too." Now, who is the king in this analogy? You are the king. The first queen is the body that we take so much care of. The second wife your wealth, property that immediately becomes property of your relatives after your death. The third wife represents friends and relatives. Who is the fourth wife in this analogy. God Himself . The Lord is with us at every moment. But, we do not even look in His direction. That is what we only have to do in our lives.

We just have to purify our consciousness. We don't have to change much. We will continue working, but now in remembrance of the Lord. Sometimes it may appear that the are similar to any ordinary materialist. But, the difference is inside. The devotee is working in purified consciousness. In purified consciousness one works as a service to the Lord. The Lord is the centre of all his activities. We only have to dovetail our propensities in the loving service of the Lord. An analogy may help one understand this. When a policeman kills a criminal he is rewarded by the government for his sincere service. That's because he did that as a service to the government. But, if any other person kills someone he'll get a noose around his neck. Why? Because his activity was not a service to the government. Though the activity is the same – killing – but since there is a difference in consciousness one is rewarded whereas the other is punished. In this world the word "service" mostly brings to our minds an idea of exploitation. That is characteristic of this world. The Supreme Lord loves us, and he actually wants to serve us. And, the devotee seeks pleasure in serving Him. That is the reciprocation between the Lord and His devotees.

All these things when you take the first step of sincerely and seriously trying to know God. If there is God then have to see Him – that should be the spirit. The Lord is in our heart and He will guide us when He sees the sincere desire of the soul. If you desire for anything stupid he'll give you that too, for love is not forced upon us by God. Love is when you have the choice NOT to love. It's never forced on us by Him. But, He's deeply longing for your soul to come to him.

Mr. Sujesh Menon
Lecturer, Dept. of Computer Engg.

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GREEK MYTHOLOGY

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'Hope Floats'

'So why should we hire you, Amit?' asked Gautam. 'Sir, when I first saw the job description, I asked the same question to myself. Why should they hire me? Err..'. Both Gautam and Rajeev pounced on me and said, 'Amit, you forgot again. Don't do this at the interview'.

This was no normal interview. I was one of the thirteen people short listed from my college for a chance to go to Athens Olympics 2004, Greece as a representative of an European based IT services company, Atos Origin. To be honest, when I saw the job description, I didn't ask myself anything. I didn't have time. I had already entered my illusionary world of dreams. A feeling of sheer confidence had taken over my mind and soul. Even though my practice interview sessions were not going on as planned, I was sure that this internship was meant for me and only me. We practised day in and day out. From MacDonald's to our college canteen, we passed our time talking about the workplace, the environment, the learning experience and on the whole, Greece.

As third year engineering students from Sardar Patel College of Engineering, Andheri, our plans about our future were set and we were ready to fly. The internship at Atos Origin as a help desk supervisor did not intrigue me. It was the thought of the kind of experience that I would share with people from all over the world that captivated my attention. Gautam, the tsar of technology, was surrounded by the thoughts of the high-end applications which would be used in this world-class event. As for Rajeev, the job description was too overwhelming for his imagination.



The sun towered from the east. The thick dark smog covered the skyline of Mumbai. The people, as usual, hastily moved in all directions. It was like any other typical day, except for the butterflies that fluttered in my gut. The curiosity built inside me since the interview call was finally beginning to appear on my face. I was anxious and at the same time wondered how my first interview would be. Our inquisitiveness was evident when we decided to show up for the interview at least an hour before time. Greeted by one of the interviewees at the reception, we were asked to wait until our names were finally announced. Gautam was called first. I was next. Approximately seven minutes later, I came out of the meeting room. The interview was excellent. The interviewees liked me a lot and offered me the internship at that very moment.

God knows that I am lying. The interview was satisfactory. I don't believe in comparisons. Therefore I did not make

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BE (Electrical)

'Hope Floats'

'So why should we hire you, Amit?' asked Gautam. 'Sir, when I first saw the job description, I asked the same question to myself. Why should they hire me? Err..'. Both Gautam and Rajeev pounced on me and said, 'Amit, you forgot again. Don't do this at the interview'.

This was no normal interview. I was one of the thirteen people short listed from my college for a chance to go to Athens Olympics 2004, Greece as a representative of an European based IT services company, Atos Origin. To be honest, when I saw the job description, I didn't ask myself anything. I didn't have time. I had already entered my illusionary world of dreams. A feeling of sheer confidence had taken over my mind and soul. Even though my practice interview sessions were not going on as planned, I was sure that this internship was meant for me and only me. We practised day in and day out. From MacDonald's to our college canteen, we passed our time talking about the workplace, the environment, the learning experience and on the whole, Greece.

As third year engineering students from Sardar Patel College of Engineering, Andheri, our plans about our future were set and we were ready to fly. The internship at Atos Origin as a help desk supervisor did not intrigue me. It was the thought of the kind of experience that I would share with people from all over the world that captivated my attention. Gautam, the tsar of technology, was surrounded by the thoughts of the high-end applications which would be used in this world-class event. As for Rajeev, the job description was too overwhelming for his imagination.



The sun towered from the east. The thick dark smog covered the skyline of Mumbai. The people, as usual, hastily moved in all directions. It was like any other typical day, except for the butterflies that fluttered in my gut. The curiosity built inside me since the interview call was finally beginning to appear on my face. I was anxious and at the same time wondered how my first interview would be. Our inquisitiveness was evident when we decided to show up for the interview at least an hour before time. Greeted by one of the interviewees at the reception, we were asked to wait until our names were finally announced. Gautam was called first. I was next. Approximately seven minutes later, I came out of the meeting room. The interview was excellent. The interviewees liked me a lot and offered me the internship at that very moment.

God knows that I am lying. The interview was satisfactory. I don't believe in comparisons. Therefore I did not make

any. It was Rajeev's turn to face the music. An interview is no less than an examination of our mental toughness and it checks our ability to handle real-time pressure. We were exhausted.

The talks about the interview continued throughout the week and Greece seemed to be an active part of our lives until the momentous day finally appeared across my calendar. I received a call from Gautam. The numbness of the moment was hard to surpass. He was the only one selected. Dreams are lies or are they hope for us to carry on, to achieve something, to achieve the impossible? That moment of self-denial was completely unnecessary but since it was my first interview, my first rejection, it hurt.

Winners tend to stay winners even if they lose. A year has passed. Everyday is still a typical day. I am just waiting for my butterflies to return.

The world was in a haze; the stars surrounded him...and my hope floats.

Amit Bhan
BE (IT)

"Would you like to be at the Olympics this summer?"

"Sure, why not!" that's what I thought to myself when I read a poster by Atos Origin outside the TPO's office. But I wondered if such a rare opportunity really existed and some lucky student would actually get to go there. It somehow sounded like the Maths and Physics Olympiads that I always shied away from.

I immediately enquired about the details and hit the website as soon as I reached home. It was true and they actually wanted to send student interns to Athens 2004. The Olympics were returning home and this had to be the biggest Olympics ever. I couldn't control my excitement and later that evening at a family get together I was busy explaining to everyone how I was going to give this a shot and then who knows.

"You can go if they pay for your air tickets!" exclaimed my mother, she is always hesitant about the usual advertisements in newspapers and had a feeling that this was one of those. I tried explaining it to her, in vain. I knew the reason for her resentment as I was always up with new 'get-big' ideas every now and then, but this time I had a good feeling about this.

"Rags, what do you think about this?" and she tactfully answered this question, by neither giving or taking away too much hope from me, as she had seen this excited side of me far too often. Soon I was busy working on the finer details on "How to give interviews" at my Uncle's residence with my partners-in-crime, Amit and Rajeev. About 15-odd students from our college and 500-odd from all over India tried their hands at this and we were told that only 1 or 2 will get through. But I still had hope...

I managed to get through this one and now was in line with 2 others for a telephonic interview with Mr.Paul from Greece. For many nights I was on the phone with my sis and jeejs, working on the "Art of telephonic interviews". The day arrived and went rather calmly and I think I must have done pretty well as I was selected!



It came more like a shock and I remember dancing outside Rags class trying to explain it to her that I actually got selected (she happened to be in a lecture while I was on cloud number 9).

The sixth semester exams were soon over and I was days away from flying to the land of Zeus and Hermes. Some last minute confusion due to a heavy rush for visas to Greece added to the spice but I was unperturbed as I was sure that if I had come so far, God was really on my side this time! And after being heavily overweight at the luggage check-in and no one to receive at the Athens airport, I had started enjoying this adrenalin rush.

In total 11 students were selected for this 2-month internship and about 10 other senior students for the 3-month period. The team was as international as the United Nations and once when we went for some pizzas and sight-seeing, the over friendly waiter referred to us as delegates of the Security Council!

We were placed at different venues in a random fashion and I got Peristeri Boxing Stadium, which was a 20-minute train and 10-minute bus ride away from the hotel.

Without education, we are in a horrible and deadly danger of taking educated people seriously. - *G. K. Chesterton*

I was stationed as the Technology Helpdesk Supervisor and worked closely with even the non-technology divisions of the venue. I christened myself as 'Gotham-The City of Batman", as it was an unusual name compared to the common Greek names like Adamopoulous, Konstantinos and Dimitrios.

Working with a Romanian Venue IT Manager (VITM), a Dutch Assistant VITM, a Greek Venue Manager and an even more complex cocktail of other staff gave a new zeal of life to each day.

"Work hard and Party harder" seemed to be the daily motto, which included venue parties at beaches and clubs. Work was challenging and interaction with some of the best students from the world over made every dinner, a meal to remember!

The preparations were spot on and before you could say parakalo the games were knocking the gates of Athens. We shifted hotels and the big intern group split into half but the excitement more than doubled each day. We got invites to dress-rehearsal of the Opening ceremony, front seat tickets to basketball, hockey, volleyball and we even fixed an opportunity to be at the International Broadcast Center (IBC) for the closing ceremony.

The games brought with them many moments where I had to sit with my team of 30-plus excited and overjoyed volunteers and dictate the more serious 'policies and procedures' and they worked efficiently as we all knew that we were there for a reason. I learnt a lot about teamwork and dedication required for hosting mankind's biggest sporting experience.

The games ended with a big venue party and even bigger party hosted by the CEO of Atos Origin and a bitter truth stood before us all, it was time to leave. I had never thought that within just 2 months, these students from such diverse parts of the world would come together as such a united team.

With these tears of departure mixed with joy of success and achievement and even heavier bags (we had to shop of course!), we left the land of Souvlaki and Tzatziki.

More than 4 months have passed but memories as fresh as yesterday and MSN Messenger and Hotmail have still kept us all together. These 2 months have changed many facets of my thought and work, and from within I feel much mature.

So the next time you see such a poster, read it with a little more care as within the lines, it might hold dreams, those dreams which will come true!

Gautam Arora
BE (IT)

National Cadet Corps



Today I take this opportunity to very happily announce that Sardar Patel College of Engineering has got 30 vacancies for recruiting girls as NCC cadets with 5 Mah. Girls Bn. NCC Maharashtra.

NCC, National Cadet Corps is an organization devoted to the building of character, personality and inculcating in the young minds the importance of unity and discipline. Discipline and good character can be inculcated only if the young minds are shaped by proper training. NCC training helps the cadets to lead a disciplined life, on and off the field. A well-disciplined cadet trained by NCC thus becomes a well groomed, dedicated member of society. Thus it helps to build a strong nation.

In today's highly competitive world an individual who wants to succeed needs to be the best in all respects. An individual is filled up with tremendous potential and the most important thing is to channelise it in a proper way. NCC helps in creating human resource of organized, trained and motivated youth to provide leadership in all walks of life. NCC channelises the energy of the youth in a proper direction and thus churns out great citizens for the country. The reason for the success of cadets is the impressive training and the camps that they undergo: to name a few Annual training camp, Republic day camp, National integration camp, youth exchange programs, expeditions and lots of other adventure and social training camps. Primary training consists of drill and weapon training through trained Army staff.

Spirit of adventure and sportsmanship plays a vital role in one's life. The NCC develops this by providing activities like mountaineering, Rock climbing, para sailing, para jumping, courses which are not only tough but also enjoyable. Adventure camps are organized to render an

adventure spirit experience to participants. Various aspects of training camps and courses inculcate a number of fine qualities among the cadets. Whether it is trekking, gliding, expedition, camps, regular parades of NCC or any other national movement such as pulse polio, Adult education or Aids, it enhances the spirit-de-corps among the cadets to work together in harmony with the other agencies of the State govt./ NGO's.

Expeditions promote brotherhood and spirit of adventure and community living among cadets. Social service activities carried out inculcate a sense of responsibility and attachment to the society. Working on these grounds makes them confident and bold enough to face any sort of situation in their normal walks of life. To cultivate pride for the nation and patriotism, NCC training camps form the initial sequence through which the spirit of duty should ignite in their minds.

Lt. Shyamlee Solanki
Associated NCC
5 Mah. Girls BN NCC
Lecturer(Communication Skills)

Cognitive Theories:

1 Introduction

Intelligence theory influences the way we identify, teach, train, orient and assess students, the models upon which we base our programs and interventions and many other aspects of Educational and training process. Computer programming has a high intrinsic load and it is therefore necessary to reduce the extraneous load as much as possible by using techniques such as the study of programming exercises. Germane cognitive load can then be applied by removing certain parts of the solutions to the examples and then requiring students to complete these parts -complete solutions thereby encouraging schemata creation in long-term memory.

In education, certain subjects require problem solving skills and are considered by many students to be inherently difficult. An example of such a subject is software development and this requires students to be able to analyze problems and then design and implement solutions in a computer programming language. It has been observed that a large number of students achieve only low grades and become disillusioned with the subject, for example Perkins, Schwartz, & Simmons (1988) state that: *Students with a semester or more of instruction often display remarkable inability to comprehend about the language that they have been studying and often prove unable to manage dismayingly simple programming problems.* Also, King (1994) states: *Even after two years of study, many students had only a rudimentary understanding of programming.* One of the reasons for the above is that students experience a very high cognitive load during their learning and we propose that cognitive load theory needs to be carefully taken into account in the design of learning materials and tools for such problem solving domains.

Sternberg suggests that we view intelligence theories in terms of the metaphors on which they are based: geographic, computational, biological, epistemological, anthropological, sociological, and systems. Gardner et al. take the more traditional approach to classify these theories based on their dominant perspective: psychometric, developmental, biological, cognitive, and recent.



Several "new" approaches to intelligence theory have become rather widespread in their acceptance and application. Foremost among these theories are the Theory of Multiple Intelligences (Gardner, 1983) and the Triarchic Theory of Intelligence (Sternberg, 1985). MI Theory has enjoyed widespread application since its inception, but the popularity of the theory in educational circles has peaked. Triarchic Theory, which has received much less attention from educators primarily due to its complexity, is well-known and may be gaining momentum — the work of Sternberg and his colleagues applying the theory in educational settings (in conjunction with Sternberg's theories of successful intelligence and mental self-government) has produced promising results. Many educators are exploring the potential applications of emotional intelligence (Mayer, Perkins, Caruso, & Salovey, 2001; Pfeiffer, 2001), implicit theories of intelligence (1987), and similarly alternative perspectives (Rea, 2001;Richard, 2001). As Sternberg and Lubart (1995) note in their investment theory of creativity, when considering the value of ideas, "buying low" and "selling high" has considerable value. Educators and psychologists have begun to "buy" the value of PASS Theory, emotional intelligence, and implicit theories.

The process of 'accommodating those with cognitive limitations' does not constitute 'dumbing down' and is

Most people are willing to pay more to be amused than to be educated

Activation will occur as a direct result of our working memory querying long term memory for specific factual information (through our consciousness). Once a query has been made activation (and the 'answer') is effectively instantaneous.

Knowledge and skills that are activated with extremely high regularity, such as walking and talking, may be activated 'automatically' without the need for high levels of conscious attention, even though the task itself may be a complex one.

1.6 Working memory

Working memory is the part of our mind that provides our consciousness. It is the vehicle which enables us to think (both logically and creatively), to solve problems and to be expressive. Working memory is intimately related to where and how we direct our attention to "think about something", or to process information. The biggest limitation of working memory is its capacity to deal with no more than about seven elements of information simultaneously (Miller, 1956).

Working memory capacity may be expanded slightly by mixing the senses used to present information. That is, it is easier to attend to a body of information when some of the information is presented visually and the remainder of the information is presented auditory than it is when all of the information is presented through a single sense (either all visually or all auditory).If the capacity of working memory is exceeded while processing a body of information then some, if not all, of that information will be lost.

1.7 Learning

Definition of learning :Learning may be defined as the encoding (storage) of knowledge and/or skills into long term memory in such a way that the knowledge and skills may be recalled and applied at a later time on demand.

All the tasks which require learning, the role, capacity and qualities of sensory memory and working memory remain effectively unchanged. The driving force behind all skilled performance is the knowledge base that has been acquired within long term memory.

The capacity of our long term memory to acquire knowledge appears to be unlimited. No-one ever "runs out of space", although with age there may be an overall deterioration in the performance of our memory system.

Sufficient time and training enables people to acquire the necessary knowledge and skills. The knowledge base is held in a well structured information network which is itself connected to other networks. Networks such as those for 'transport' or 'modern society' are higher order concepts and knowledge about procedures is also holding true. These hierarchical information networks are referred to as "schemas". Schemas build in detail and complexity as more extensive knowledge is acquired in a content area. Individual differences exist in the nature and details of schemas. Schemas that are well learnt may be recalled and applied with relative ease.

1.8 Process of learning

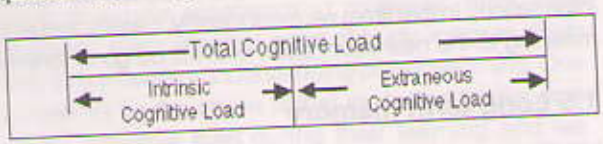
When we say that "something has been learnt", we mean that is has been successfully encoded into long term memory and can later be recalled on demand.

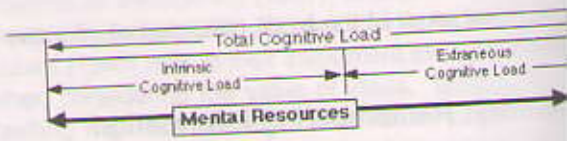
To be encoded, information must first be attended to, and processed by, working memory. If for any reason, working memory is unable to attend to a body of to-be-learned information, then learning will be ineffective. This has important implications for instructional design because limitations of working memory may impede the learning process. This forms the basis of cognitive load theory.

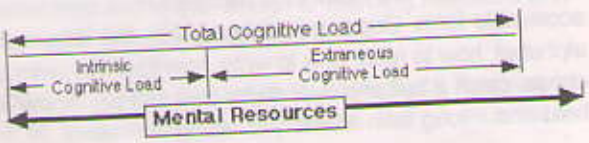
1.9 What a novice needs to learn to become an expert?

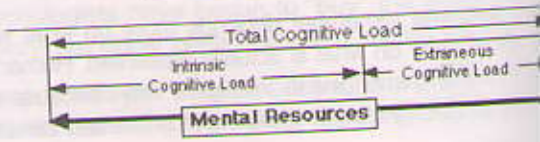
For any given cognitive domain (algebra, crosswords, computer algorithms, chess, electronics) we think of novices in that area as not knowing much and for their performance to be slow and error prone.

Contrary to popular belief, expertise does not appear to be due to anything as robust as "intelligence". Nor does it appear that experts are more "thoughtful" than novices. The only two distinguishing features of expertise are









2. 4 Principles of cognitive load theory

Cognitive load theory focuses on the role of working memory in the learning process. The fundamental principles of cognitive load theory rest upon the argument:

Working memory is extremely limited. Long term memory is essentially unlimited. The process of learning requires working memory to be actively engaged in the comprehension (and processing) of instructional material to encode to-be-learned information into long term memory. If the resources of working memory are exceeded then learning will be ineffective.

2.5 Applying cognitive load theory to instructional design

The fundamental principles of applying cognitive load theory to instructional design rest upon the following argument. Excessively high levels of cognitive load may result directly from the instructional materials presented to students. Redesigning instructional materials to reduce the levels of extraneous cognitive load may enhance learning. Content areas that are most likely to demonstrate beneficial results from improved instructional design are those that deal with "complex" information where the elements of to-be-learned information interact with one another (therefore imposing a high level of intrinsic cognitive load).Cognitive load theory states that learning will be maximized by ensuring that as much of a learners' working memory as possible is free to attend solely to encoding to-be-learned information.

1. Conclusions

People concerned should use the findings of cognitive science to inform the construction of effective learning environments this is a hard problem! More research is needed on the learning of the teacher and how we can facilitate learning using these understandings from cognitive science. As the cognitive load theories percolates down to educational practitioners, it shakes up the educational establishment, especially at professional education and corporate levels. Precisely because of this success, though, assessing potential at midstream can be a challenge. At times like these, instructional designers and providers can benefit enormously by stepping back, reviewing broad trends and forecasting likely scenarios based on those trends. A number of current trends in cognitive load theory are outlined and their likely impact on education is considered. Then some brief pointers toward the future are presented. Observers of instructional design process can point to a number of discernible trends affecting practice over the past several years. Trends do not determine the future, but they can provide a basis for present action and an understanding of possible futures. The trends in adapting to the new findings in cognitive load theory are pulling in different directions some fostering change, others reinforcing the status quo some uses technology in a controlling way, others using technology to empower individuals, but it remains to be seen how cognitive load theories can be more effective in capturing the many aspects of teaching and learning that are often too ephemeral, too subjective and too fleeting to represent productively in print.

Mr. G K Thampi
Dept Of Mechanical Engg

The IEEE Students Awareness Programme 2004

Our participation in this event started with a small notice from IEEE that mentioned its intentions in organizing such an event on the state and national levels. The fact that it would give us an opportunity to interact with students, the children of the e-age itself gave us the zeal to take up this challenge. The fact that it was to be organized by IEEE and that too at a national level, made things only more challenging for us. We knew we couldn't manage with a mediocre performance.



This event brought together four like-minded people, four youthful people who cherished a common sense of responsibility towards society. This event came as an opportunity to give something back to society!

The four people were,

1 Sreeja Nair, *The Mastermind!*



She was the person who initiated this idea, and brought together the rest. She proved to be the person who is referred to as the "sutradhar" in Indian art, the person who managed things and put everything that went haywire into order.

2 Sumeet Kumar Mitra, *The Genius!!*



He was the person who actually had the content, the knowledge. The person who translated any technical gibberish for the rest. A person with immense intellect and an effective sense of humour.

3 Farha Mukri, *The Optimist!!!*



She was the person who knew what went where and what happens next. The planner, the strategist. She has a mastery over human emotions and constraints, and that was a must while dealing with adolescents who were our subjects throughout the programme.

4 Surujit Medda, The Spiritlifter



The person who knew that "all work and no play made all of the rest a dull team". He possessed tremendous confidence and a solid sense of humour which went a long way in raising downtrodden and tired spirits all throughout the 2 month-long programme.

We chose "INTERNET – A Digital Revolution" as our topic of concern, as we thought that this topic would be relevant to the young student community, something that they would find intriguing and would be eager to learn more. As we have mentioned earlier, this age has indeed manifested itself as the 'e –age'. Let's have a brief idea about how it all happened:

All of us were very enthusiastic about the presentation right from the start. The entire prospect of interacting with the school students, telling them about the Internet and what they could gain out of it was very exciting, but also challenging all the same. We started off by jotting down the ideas and making a brief sketch of the various subtopics that we would speak on. We started browsing through books for information but the major part of the information came from the topic itself i.e. the INTERNET. Ironically, we used the Internet to speak about the Internet.

There was plenty of information available but we knew that if we speak to students using technical jargon, we wouldn't be heard, leave alone understood. We had to come down to their level and explain even the complex things in the simplest possible manner so that they would understand it.

We began with the history of the Internet giving them a background of its origin. Then we went to the concept explaining even the smallest technical term that we used. We divided the uses into various subtopics concentrating on those that were relevant to them (like search engine).Then we prepared the misuses of the Internet, which included computer infection and cyber crimes and gave them rules for online safety. Last but not the least; we formulated the future of the Internet and the impact of it in the fields of education, research and medicine

After all the written data was complete, we decided to use an L.C.D. and L.C.D. projector as our teaching aid and prepared slides using OfficeXP PowerPoint, which enabled us to use enhanced features like motion paths and graphics. Using this technology, we could make the entire presentation more interesting and effective.

In our endeavour to give relevant information to students, we also ended up learning many new facts along the way. With all our written subject matter and our presentation in place, we were ready to explore the exciting new world of the Internet with the kids.

We covered the following schools,

Bombay Cambridge (Andheri)
St. Anthony's School (Nalasopara)
Infant Jesus (Vasant Nagri)
St. Aloysius High School (Nalasopara)
St. Blaise High School (Amboli)

Impact On the students

This entire initiative was taken keeping the interests and benefits of the student community in mind, especially the students who lacked exposure to the concept of the Internet. The schools and the students addressed were selected accordingly. Our aim was being served well. The students realized that as the world was advancing so

Truth is eternal, knowledge is changeable. It is disaster to confuse them.
-Madeleine L'Engle

rapidly, they could not afford to be left behind. We were fortunate enough to be their torchbearers.

Impact On us, the presenters

The biggest achievement was that we grew as individuals, personally as well as spiritually. In our endeavour to teach, we learnt much more. We realized that on one hand, there was so much knowledge, so much information to convey and on the other, a restless student community which is always craving for more and more. But the means, resources and time were limited.

Our aim was not to give our best, but to give what was best for them.

This initiative gave us a platform to voice and express ourselves, to develop our personalities and it added a new feather to our caps, that of satisfaction, achievement and fulfillment of our social responsibilities.

After our school presentations, we needed to go to Pune and give a complete detailed presentation about our activities in the various schools over the period of the entire programme. Unlike the schools, this time the jury consisted of eminent panelists, all learned and experienced.

26 of the 75 teams that had participated statewide had turned up. The effort had reached out to more than 300 schools and that is a mid-boggling figure. The presentations of the teams from other colleges were great learning experiences for us. They were not only informative but also gave an insight into the culmination of diverse techniques and presentation aids that could be used for putting across a convergent topic.

The fact that we bagged the third prize among 26 teams didn't seem to be important any more. What was more important was that we had achieved something so valuable - the title of "responsible students" - and we are proud to be just that. An experience of this magnitude comes as a blessing and comes once in a while! We were touched, we were relieved, we were happy, we were contented!

ACKNOWLEDGEMENTS:

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(IEEE Vice President, Mumbai)

Mrs. Prachi Gharpure

(Branch Counselor, IEEE-Sardar Patel College of Engineering)

The principals of the schools and all the professors in our college for their guidance.

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Recovering from failure is often easier than building from success.
-Michael Eisner

Rebellious Angels



The beginning of this era saw
The true advance of human kind
When the god almighty himself blessed
The humans with an angelic mind

These petty angels then set to work
To create a more heavenly earth
Using their extreme power of thought
They have, by now, civilized each spot

They invented, researched, but went berserk
And nobody could calm their unsteady jerk
As a result they lost their path
And heavenly minds unleashed their wrath

Inventing small things became the past
As man's desires stretched out vast
A race for arms, thus made its start
Setting the foundations of a holocaust

Blind in the pursuit of conquering divine
The angels are rebelling with all their might
They're ravaging the world and the human kind
Thus alighting their angelic mind

Even though we angels have cursed
The very existence of life on earth
A ray of hope is still confined
Deep in the darkness of our god-gifted mind
Which when surfaces can reshape lives
To such an extent that our angels revive

Siddhartha Chandra
FE (IT)

Sufferings Are There, But Service Will Heal



Deep down the ocean mother earth heaved
The waters above soon bellowed and rose
In flicker of a moment, the tsunami shaped
The juggernaut moved with destruction enroute.

Islands were gone and buildings all tumbled
Things were all battered and lives too shattered
With fears stood watchers of the fury of waves
Tears flowed down with the holocaust gone.

The brunt of the fury was felt on east coast
It rounded the south coast and went on to west
Thousands were gobbled by the monster and gone
Some bodies were spewed afloat or ashore.

Aghast by the carnage and the havoc it wrought
Thousands lost all and their loved ones too
Children were orphaned with parents all dead.

Shocked by the destruction tsunami wrought
The helpless and the hopeless stood on the shore
When arms of compassion, sympathy and love
Embraced them all and extended help.

With food, clothing, shelter, water and medicines
The Samaritans swarmed in from all over the globe
Service to the suffering was their service to God
To wipe out their tears and bring out a smile.

The dead were all buried and the living were cared
Houses were built and boats refurbished
To console and comfort with solace and succor
To restart those lives with hopes for the future.

Compassion is watchword of Swami Vivekananda
Sympathy and love are ever lasting beacons
Gods always punish all those who err
But they do shower blessings on those who suffer.

Technology and science might have made strides
But many are the mysteries still to be solved
Unforeseen calamities always cause miseries
But undaunted courage and service will win.

Dr. R. S. Ayy
(Structural Depa

दर्पण



जीवन के विभिन्न पहलू

संपादक के विचार

आ नो भद्रा : क्रतवे यन्तु विश्वत : वेद



हमारे वेदों का आह्वान है कि उत्तम विचार हर दिशाओं से हमें मिलें।
विचार ही मनुष्य की पहचान है। अन्याय के खिलाफ अहिंसक तरीके से लड़ने का एक विचार मोहन दास को महात्मा गांधी बना सकता है।

आज दुनिया की नज़रें हम पर टीकी है। विश्व को सही **दिशा** दिखलाने वाले विचार हमारी संस्कृति की धरोहर है। ये धरोहर आज हमें उठानी है और भारत को विश्व का मार्गदर्शक बनाना है।



हमें खुशी है कि अपने सहपाठियों के कुछ विचार इस **दिशा** पत्रिका के माध्यम से आप तक प्रस्तुत कर रहे हैं। इस पत्रिका के संपादन का श्रेय **श्री.कुनाल कृष्ण** के साथ हम बाँटना चाहते हैं, जिनका सहयोग हमें मिला। और हम खास तौर पर आभारी हैं अध्यापिका **श्रीमती श्यामली सोलंकीजी** का जिन्होंने हमें इस पत्रिका संपादन में मार्गदर्शन दिया। और आभारी हैं उन सहपाठियों का जिन्होंने इस पत्रिका के लिए अपने विचार दिये।

न केवल उत्तम विचार आपको मिले, अपितु जिसे जीवन में उतारकर जिपका जीवन उन्नत बने, ऐसी शुभेच्छा।

आचारी सब जग मिला,
मिला विचारी न कोय
कोटि आचारी बारिये,
एक विचारि जो होय - कबीर



माधव वर्मा
कौस्तुभ जोशी
तृतीय - इलेक्ट्रोनिक्स

मनुष्य का जीवन वही है जो उसके विचार बनाते हैं - *मार्कस*

सकारात्मक नजरिया



सफलता हासिल करने का अर्थ सिर्फ सुविधाओं को हासिल करना नहीं है, बल्कि इसके लिए जरूरी है कि आप सकारात्मक विचारों का स्त्रोत बनें । अपने विचारों पर नज़र रखें, क्योंकि आपके आज के विचार कल आपके शब्द बनेगें। अपने शब्दों पर नज़र रखें क्योंकि यही आपके कर्मों का रूप धारण करेंगे और कर्मों से ही आपकी आदतें तय होंगी । मार्क्स आरिलियस ने कहा है - "हमारा जीवन वही होता है, जैसा हमारे विचार उसे बनाते हैं।"

अपने समस्त विचारों को सकारात्मक फ्लेवर दें । आवेदन से पहले यह न सोचें कि मेरा चयन नहीं होगा । आपका ही चयन होगा, यदि नहीं होता है तो यह मानकर चलिये कि इससे बेहतर भविष्य कहीं आपकी प्रतीक्षा कर रहा है । जहाँ तक संभव हो, हाथ में लिए गए कार्य को तुरंत करने का प्रयास करें, इससे दिमाग में बिना वजह तनाव नहीं बढ़ेगा। कार्य टालते रहने से दिमाग में तनाव बना रहता है और आपकी कार्यक्षमता पर विपरीत प्रभाव पड़ता है ।

कुछ लोग टालने की आदत को इस खूबसूरत अंदाज में बताते हैं कि वे अभी सोच रहे हैं या अभी विश्लेषण कर रहे हैं । इस आदत को शिवखेडा, बारीकी से सोचने का लकवा (पैरालेसिस ऑफ ॲनालिसिस) कहते हैं । ऐसे लोग सदैव विश्लेषण में ही जूझते हैं, कुछ कर नहीं पाते । इसलिए मेरा मत है कि अधूरा काम एक चिंगारी के समान है, जो दिमाग की कार्यक्षमता, ऊर्जा का निरंत हास करता रहता है और लोग सदैव समस्याग्रस्त बने रहते हैं। अतः इस प्रवृत्ति से बचें।

ऐसे लोगों से दूर रहिये, जो हर बात में नुक्स निकालते रहते हैं। केवल नकारात्मक बातें करते हैं । ऐसे लोग आपको मायकल एंजिलो के चित्र में, प्रेमचंद के साहित्य में, पेले और ब्रेडमेन के खेल में भी कमी हैं , यह गलती बताते नज़र आएंगे । बहुत आसान है गलती बताना पर बहुत मुश्किल है वैसा कार्य करना । अतः सकारात्मक सोच के अंतर्गत निम्न मुद्दे अवश्यक ध्यान में रखने चाहिए ।

१) सकारात्मक विचार रखें, टालने की आदत खत्म करें ।
२) दूसरों के प्रति सकारात्मक, कृतज्ञता का भाव रखें ।
३) दूसरों को दोष देना बंद करें ।
४) छोटी बातों को नजरअंदाज करें ।
५) अपनी कमजोरियों पर नहीं, विशेषताओं पर ध्यान दें ।

अभिनव गुप्ता
तृतीय - सिविल

कुछ दिल के अल्फाज़

- हँसना ही जिंदगी है,
  हँसके गुजरों यारों,
  इतनी सी बात अपने दिल में उतारो यारो ।
  रोते रहे हो अब तक,
  रोते रहोगे कब तक,
  सदियों पुरानी गलती अब तो सुधारो यारों ।

- बहुत से लोग बस अपने दुःखों के गीत गाते हैं,
  दिवाली हो या होली हो ,
  सदा मातम मनाते हैं ।
  मगर दुनिया तो उनकी रागीणी पर झुमती हर दम,
  जो जलती चिता पर बैठकर वीणा बजाते हैं ।

महान विचार जब कार्यरूप में परिणत हो जाते हैं, तब महान कृतियाँ बन जाती हैं - *हैजलिट*

भगवान जेल में है

भगवान तुम कहाँ हो ।

मैंने मंदिर, मस्जिद और गुरूद्वारे पर ढेरो पत्र लिखे ।

पर डाकिये ने लौटाते हुए मुझसे यह ही कहा, कि "तुम्हारे भगवान तो मुझे कहीं नहीं दिखे।"

लौटाते वक्त उसने मुझसे यह भी पूछा कि "तुम्हारे भगवान का कहीं पता है ?"

मैंने कहा "शायद लापता है ।"

तभी एक वय वृद्ध श्वेत केशधारी बात काटते हुए हमारी महाभारत के अंदाज में बोले "मैं समय हूँ । तुम्हारी पिड़ा पहचानता हूँ और भगवान का पता मैं जानता हूँ ।"

"वैसे तो भगवान अंतरआत्मा के अंतरतले हैं लेकिन आजकल भगवान जेल में हैं।"

"क्या!! भगवान जेल में ? क्या कोई अपराध करते हैं भगवान भी ?"

हाँ भगवान का अपराध है आदमी, आदमी और सिर्फ आदमी!

तर्क के दाने मत बुनो और जो मैं कहता हूँ वो ध्यान से सुनो।

आज से कई साल पहले, न्याय के देते हुए दुहाई, जानवरों की टोली अदालत में यह कहती हुई आई, "मी लोर्ड हमारा सब कुछ लूट गया है । इन आदमियों ने हमारे सबकुछ लूट लिया है । ये धर्म, जाती, संस्कार यह इतनी बातों से इन्हें मिलवाइए और जानवर होना हमारा अधिकार हैं हमें दिलवाईए। इन लोगों ने हमारा सब कुछ लूट लिया ।"

प्रमाण के रूप में कुछ गवाँ हैं । सबसे पहले कठहरे में नजर आया एक कुत्ता बोला "हुजुर मैं कुत्ता हूँ । गर्व से कहता हूँ कि मैं कुत्ता हूँ लेकिन दुर्भाग्य से इन आदमियों की बस्ती में रहता हूँ। ये लोग हमें मोटरों और बंगलो में पालते हैं ।

भूख लगने पर रोटियों के चंद टुकडे भी डालते हैं, पर एक वे हैं जो देश का खाकर, देश से ही गद्दारी करते हैं और एक हम हैं जो रोटीयों के चन्द तुकडों की वजह से जिंदगी भर इनसे वफादारी करते हैं ।

वह लोग फिर भी हमें धुतकारते हैं, हमारा नाम लेकर आपस में पुकारते हैं । हम फिर भी मौन हैं । अब आप ही बताईए कि कुत्ता कौन है !!"

इसके बाद कठहरे में आया नजर एक तोता, बोला "हुजुर मैं तोता हूँ। यह कहते हुए मैं रोता हूँ कि मैं तोता हूँ । हे भगवान यह आदमी किस किस्म का प्राणी है कि मेरी समज में नहीं आया। खुद तो कभी राम नाम लेता नहीं पर हमें सिखाता है। भगवान ! तुमने तो बनाया था हमें मुक्त गगन में उड़ने के लिए पर यह आदमी कहाँ से आ टपका जिसने कैद किया हमें पिंजरों में। पर भगवान मुझे इसका कोई दुःख नहीं ! कोई गम नहीं।" आश्चर्य से भगवान ने पूछाँ "अरे !! तोताराम इतना अन्याय होने के बाद भी कहते हो कि तुम्हें कोई दुःख नहीं! कोई गम नहीं। जवाब में तोता सिर्फ इतना ही बोल पाया "हे! भगवान आदमी अपने सगे बाप को अपने सगी माँ को अगर बूढ़े घर में डाल सकता है तो मैं तो एक तोता हूँ ।"

इसके बाद कठहरे में नजर आया एक साँप बोला "हुजुर मैं साँप हूँ । हर चंद बूँद जहर के कारण हम जहरीले कहलाते हैं, तो यह आदमी कौन है जो समाज में सांप्रादायिकता का जहर फैलाते हैं, युवाओं को चरस गांजा और अफीम खिलाते हैं । फर्क तो सिर्फ इतना ही है कि हम बांबी में रहते है और यह बंगलो में बसता है वरना इतहास में झाँक कर देखिए इतहास गवाह है साँप से ज्यादा आदमी ही आदमी को डँसता है, आदमी ही आदमी को डँसता है। आज यह फैसला किजीए आप कि कौन है सच्चा साँप आज भी हम ही हैं साँप ।"

इस तरह हर एक ने अपने अपनी-अपनी व्यथा सुनाई और जब अंतिम फैसले की घड़ी आई तो भगवान ने सर झुका कर कहा कि - "सचमुच आज आदमी भरोसे के काबिल नहीं रहा । इसलिए इतिहास में नहीं हुआ होगा ऐसा फैसला मैं आज सुनाने जा रहा हूँ इस आदमी को बनाने के जुर्म में, मैं खुद जेल जा रहा हूँ , इस आदमी को बनाने के जुर्म में, मैं खुद जेल जा रहा हूँ ।"

तब से भगवान जेल में है, मगर दुनिया मगन अपने खेल में है । इसलिए दोस्तो, मत कोसों भगवान को, पहले जीवित करो अपने अंदर के इन्सान को । जिस दिन इन्सान पर लगे हर अपराध हर दाग धुल जाएंगे, उस दिन भगवान की जेल के ताले अपने आप खुल जाएंगे। वह फिर से धरती पर उतरेगा, समुद्र पे सेतु बनायेगा, उंगली पे गोवरधन उठाएगा, इसामसीहा और गुरूनानक बनकर हमारा दुःख उतारेगा, धर्म फिर जीतेगा अधर्म फिर हारेगा ।

अज्ञात

प्रसन्नता परमात्मा की दी हुई औषधि है । - *स्वेट मार्डन*

इन्सान



पहले जब इंसान इंसान था,
तब बड़ा किमती था यह इंसान
लेकिन आज हर चीज महंगी है,
केवल सस्ता है यह इंसान ।

पहले चांदी और सोना,
खरीदा करता था यह इंसान ।
लेकिन आज सोने, चांदी के सिक्कों से
खरीदा जाता है यह इंसान ।

पहले वक्त का गुलाम
हरगिज नहीं था यह इंसान,
लेकिन आज वक्त के साथ-साथ
बदला हुआ लगता है इंसान ।

पहले अंदर और बाहर से
इंसान लगता था वह, इंसान
लेकिन आज भीतर से है कुछ,
सिर्फ बाहर से नजर आता है यह इंसान ।

पहले वस्त्र नहीं थे फिर भी
नंगा नहीं था यह इंसान
लेकिन आज अच्छे वस्त्रों में भी
नंगा नजर आता यह इंसान ।

पहले घर नहीं थे फिर भी
ठिकाने पर था यह इन्सान,
लेकिन आज जब रहने को घर है,
फिर भी भटका हुआ नजर आता है यह इंसान ।

पहले मिलजुलकर प्रेम की,
राह पर चलता था यह इंसान,
लेकिन आज नफरत का जाल बिछाकर
इंसान को फँसाता है यह इंसान ।

पहले भूख मिटाने के लिए,
पशुओं को खाता था यह इंसान
लेकिन आज खुद जीने के लिए,
इंसानो को खाता है यह इंसान ।

विनीत
तृतीय - इ

संटा और बंटा

संटा और बंटा में गहरी दुश्मनी थी । संटा एक ही इमारत के पहले मंजिल पर रहत
बंटा सातवे मंजिल पर रहता था । एक दिन लिफ्ट के खराब होने पर बंटा ने शरारत
की सोची और संटा को शाम साढे सात बजे खाने पे बुलाया । बहुत मेहनत से जब
बंटा के घर पहुँचा तो उसे दरवाजे पर एक बड़ा ताला दिखाई पड़ा और साथ ही एक
मिला जिसमें लिखा था - हा, हा ! ! उल्लू बना दिया !!!
इसपर संटा क्रोधित हुआ और बहुत सोचने पर उसने वहाँ एक खत छोड़ा जिसमें लि
- मैं तो यहाँ आया ही नहीं था !!!

स्पर्श की परीभाषा



स्पर्श, यूँ देखा जाए तो, शायद ही हमारे जीवन में कभी विचार का कारण बना होगा। परंतु कभी आपने सोचा है, कि किस प्रकार मात्र एक स्पर्श कितना कुछ समझा जाता है। मेरे अनुसार स्पर्श ये सभी भावनाओं को व्यक्त करने का एक सरल माध्यम है, परंतु बदलती है उसकी परिभाषा, उसकी महत्ता और उसका अर्थ। थोड़ा विचार करने पर मैं, संबंधों के साथ बदलने वाले इस स्पर्श के मतलब को समझने में एक सीमा तक यशस्वी हुआ हूँ। और इस लेख के माध्यम से मैं आपको इसी विषय में बताने का इच्छूक हूँ।

सर्वोच्च और महानतम स्पर्श होता है एक माँ का स्पर्श। एक ऐसा स्पर्श जो सर्व व्यापी होता है। कौन है जिसने अपनी माता के स्पर्श से आनंद और संतोष की अनुभूति ना की हो? जब संतान की देह पर कोई चोट लग जाती है, तो उसपर, लगाये जानेवाले औषधि से अधिक असर करता है, माँ का स्पर्श जिसमें और कुछ नहीं, सिर्फ ममता होती है। अभागे है वे लोग जिन्होंने माँ के स्पर्श के अर्थ को ना समझा। माँ के स्पर्श में होती है शुद्धता, प्रेम और संतान की कुशलता की कामना। माँ के स्पर्श से बड़ी पदवी क्या किसी की हो सकती है ? चाहे वो एक थप्पड़ की शकल में ही क्यों ना प्राप्त हो। उसमें भी अनुशासन का ध्येय होता है। और इंसान की प्रगती तभी हो सकती है, जब वो अनुशासित हो।

पिता का स्पर्श भी संतान के लिए बहुत महत्व रखता है। पिता के स्पर्श में होता है प्रेम, परंतु उससे ज्यादा होता है अपने संतान के लिए जीवनमूल्यों की सीख। एक पिता ही अपनी संतानों को जीवन की बहुमुल्य सीख दे सकता है। याद है आपको, जब जीवन के किसी मोड़ पर, आपने किसी मुश्किल से हार मान ली थी और आपके पिता ने अपने हाथों से सहलाकर आपको धैर्य रखने की सीख दी थी ? मानो संपूर्ण जीवन का सारांश सिमट कर उस स्पर्श में उमड़ आया हो। यही तो होती है पिता के स्पर्श की गहराई जिसमें अनुशासन और प्रेम की कोई कमी नहीं होती।

एक मित्र का स्पर्श भी बड़ा विचित्र होता है। एक मित्र अपने स्पर्श से अपनी मित्रता को तभी व्यक्त कर सकता है जब उसे मित्र कहलाने का अर्थ पता हो। ईश्वर की कृपा से मुझे ऐसे कई मित्रों का लाभ हुआ है। जीवन के हर उतार-चढ़ाव में कोई साथ हो ना हो, मित्र हमेशा रहेंगे।

मित्र के स्पर्श में होता है विश्वास, प्रेम और यह आश्वासन कि वो अपनी मित्रता पूरी निष्ठा से निभाएगा। जीवन के कुछ कठिन क्षणों में, ऐसे क्षण जिसके विषय में कभी कभी किसी को बताना मुश्किल हो जाता है, एक मित्र ही है, जिसको हम अपने दिल की बात बता सकते हैं और वो आपको छूकर आपके प्रति अपने सद्भाव और प्रेम को प्रकट करता है।

कभी आपने सोचा है कि कनिष्ठ भाई या बहन का स्पर्श आपको क्या समझाता है? वो अपने स्पर्श से ये बताते हैं कि वे आपपर निर्भर हैं और आपके प्रेम और निर्मलता की लालसा रखते हैं। अपने मासूम स्पर्श से वे ये व्यक्त करते हैं कि वे आपसे बहुत प्यार करते हैं और आप उनके लिए बहुत महत्व रखते हैं।

एक गुरू का स्पर्श आपको आपकी जीवन की सबसे बड़ी उपलब्धि देता है। एक गुरू अपने शिष्य में आत्मसम्मान, आत्मविश्वास और आत्मनिर्भरता जागृत करने का ध्येय रखता है और यही मुण भावी जीवन में शिष्य को उँचे से उँचे शिखर तक पहुँचाता है।

जिस प्रकार एक संतान के लिए अपने माता पिता का स्पर्श अहम होता है, उसी प्रकार एक माता या पिता के जीवन में अपनी संतान का स्पर्श अविस्मर्णीय होता है। जरा कल्पना करके देखिए, एक माता को कितने हर्ष का अनुभव होता होगा, जब उसका शिशु उसको प्रेम से छूता होगा। वह

प्रेम से ही सृष्टि का जन्म होता है, प्रेम से ही उसकी व्याख्या होती है और अंत में वह प्रेम में ही विलीन हो जाता है। - *रविन्द्रनाथ ठाकुर*

स्पर्श, किसी भी स्त्री की मातृत्व को जागृत करने की क्षमता रखता है। एक संतान के छुअन से, माता-पिता को उनके प्रति कर्तव्य का ज्ञान होता है।

अपने जीवनसाथी के स्पर्श में भी अजीब सी कशिश होती है। प्रेम, आत्मीयता, विश्वास और एक दूसरे के लिए आदर इस स्पर्श की संपूर्णता का प्रमाण देता है। एक ऐसा साथी, जिसके पास होने से और किसी चीज़ की आवश्यकता या किसी के साथ की ज़रूरत नहीं महसूस होती। हर स्पर्श में एक अलग कहानी होती है, एक अलग आभास होता है।

स्पर्श केवल जिस्मानी नहीं होता, बल्कि रूहानी भी होता है। कभी-कभी, किसी राह चलते हुए इंसान की हँसी कुछ इस तरह से दिल को छू जाती है, कि मानो हमारा सारा दिन ही सँवर गया हो। कभी-कभी किसी की बातें, कुछ ऐसे दिल को मोह लेती है कि जैसे उसने हमारे हृदय को ही स्पर्श कर लिया हो।

यह सब तो एक माध्यम है। इन्हीं माध्यमों से तो इश्वर स्पर्श करता है। ईश्वर सब जगह तो नहीं हो सकते, इस लिए वे विभिन्न रूपों से आपके शरीर और मन को स्पर्श कर जाते हैं। वे जीवन और मृत्यु के माध्यम से मनुष्य को स्पर्श करते हैं और उसे अवगत कराते हैं, कि हम परमात्मा के ही अंश हैं और उसी में विलीन हो जाएंगे। ईश्वर ही सर्वशक्तिमान है।

क्या आपने यह समझा, कि सभी स्पर्शों में एक तत्व समान है वह है "प्रेम"। प्रेम ही जीवन की सर्वोत्तम परिभाषा है और इस परिभाषा को व्यक्त करने का सबसे सरल साधन है... स्पर्श। तो अगली बार कोई आपको प्रेम से स्पर्श कर जाए तो उसे उसका मोल चुकाना ना भूलीएगा... एक स्पर्श से, प्यार भरे स्पर्श से। कदाचित, अब के पश्चात, हमारे जीवन में, कभी ना कभी विचार का कारण अवश्य बनेगा - स्पर्श। ज़रा सोचिए...

- सुरजित मेद्दा
द्वितीय - इलेक्ट्रोनिक्स

हँसना मना है

• ख़त लिख रहा हूँ ख़ून से
सिहाई मत समझना (२)
किसी मरीज का सेम्पल लिया था
मेरे मत समझना

• शादी से पहले : तकदीर है मगर किस्मत नहीं खुलती
ताजमहल बनाना चाहता हूँ
लेकिन मुमताज नहीं मिलती

शादी के बाद: तकदीर है मगर किस्मत नहीं खुलती
ताजमहल बनाना चाहता हूँ
लेकिन मुमताज नहीं मरती।



हृदय की कोई भाषा नहीं होती है, हृदय हृदय से बातचीत करता है - *महात्मा गांधी*

समय का मोल पहचाने



हमने लोगों को अक्सर कहते सुना कि समय मूल्यवान है। जो समय का मूल्य पहचानता है वह कभी धोखा नहीं खाता है। समय के पीछे चलने वाले पीछे ही रह जाते हैं और समय के साथ चलने वाले हमेशा बुलंदियों को छूते हैं। इसके विपरीत समय से तेज चलने वाले अक्सर मुँह के बल गिर भी पड़ते हैं। बीता समय कभी वापस नहीं आता है। प्रत्येक दिन की शुरूआत में आपके पास २४ घंटे होते हैं अर्थात १४४० मिनट अथवा ८६,४०० सेकेन्ड। भोर का सूर्य, पक्षियों का कलरव और जीवन की एक और नई शुरूआत, प्रत्येक सेकेन्ड कीमती है। आज के समय का सदुपयोग नहीं किया तो फिर यही कहेंगे -

अब पछाताए, होत क्या, जब चिड़ीया चुग गई खेत।

प्रत्येक विद्यार्थी अपनी कॉलेज की सफलता एवं असफलता हेतु जिम्मेदार रहता है। जिम्मेदारी त्रिआयामी होती है। व्यक्तिगत, विभागीय एवं संस्थागत। प्रबंधन हेतु यह द्वि-मार्गी होती है। अर्थात एकहाथ देना एवं दूसरे हाथ से लेना। जिम्मेदारी की भावना हमारे अंदर स्वयं पनपती है एवं इसका निर्वहन हमें स्वयं ही करना होता है। कॉलेज जब किसी कार्य हेतु विद्यार्थी का चुनाव करती है तो विद्यार्थी को कार्यों के चुनाव का विकल्प नहीं रहता है, उन्हें बस पूर्ण जिम्मेदारी से कार्यों का निपटान करना होता है, और इसका अहसास उनके भीतर से ही होता है। इन्ही कार्यों के क्रियान्वयन में किसी कार्य के लिए मना कर देना सबसे आसान होता है, लेकिन उतना ही मुश्किल होता है कार्य को कुशलता पूर्वक निपटना। कॉलेज में पढ़ने वाले सभी विद्यार्थी चक्र की तीलियों के समान होते हैं, जिसकी धुरी प्रबंधक के हाथ में होती है और सभी विद्यार्थी की अपनी भूमिका महत्वपूर्ण होती है। लक्ष्यों की ओर अग्रसर होते हुए विद्यार्थी को दृढ़तापूर्व इस बात को ध्यान में रखना चाहिए कि लक्ष्यों को प्राप्त करने हेतु मुख्य घटक क्या है। यदि विद्यार्थी दूसरे से एक कदम आगे बढ़ेंगे तो संस्था के लक्ष्य आसानी से प्राप्त होंगे।



प्रबंधन में मानवीय मूल्यों की भूमिका अहम होती है। इस तथ्य को झुठलाया नहीं जा सकता है। बावजूद इसके कि सूचना तकनिक की नवीनतम अवधारणाओं ने मनुष्यों का स्थान लिया है। इस तथ्य के रहते हुए भी हम यह सोचने लगे है कि क्या जीवन की प्रत्येक गतिविधि में मनुष्य की भूमिका संकीर्ण होती जा रही है। लेकिन ऐसा हो ही नहीं सकता है, क्योंकि प्रत्येक मशीन के पीछे मानवशक्ति की उपस्थिती रहती है। दूसरे शब्दों में प्रबंधन का तात्पर्य मानव से है और प्रबंधन की प्रक्रिया को सुगम बनाने हेतु मशीने मानव के मस्तिष्क समान है। प्रबंधन की प्रक्रिया में मानव तत्व की उपस्थिती की उत्पत्ति मानवीय गुणों से प्रभावित होती है। मानवीय मूल्यों, आदर्शों की उपस्थित एवं हठधर्मिता की अनुपस्थिती से प्रबंधक अपना अलग अस्तित्व बनाते हैं एवं सदस्यों के हृदय में विशेष स्थान बनाते हैं।

स्वपनील मुन्दड़ा
तृतीय - आय.टी.अ.

कबीर वाणी

श्रम ही ते सब होत है
जो मन राखे धीर।
श्रम ते खोद ते कूप ज्यों
थल में प्रकटे नीर॥

धीरे धीरे रे मना
धीरे सबकुछ होय।
माली सींचे सौ घड़ा
रीतु आए फल होय॥

जो दूसरों को जानता है, वह विद्वान है। जो स्वयं को जानता है वह बुद्धिमान है। - *लाओत्से*

त्राहिमाम



मानव :

हे ईश्वर तुझसे एक ही प्रार्थना,

एक बार और जमीन पर आ ना ।

देख तेरे मानव ने इस आशियाने पर क्या क्या कांड रचाए हैं,

जहाँ देखो वही आलीशान इमारत और धूँए के बादल बनाएँ हैं ।

प्यार का यहाँ नामो-निशान तक नहीं, मानवीय मूल्यों का यहाँ कोई मान भी नहीं ।

जहाँ देखो वहीं वैमनस्य की मिसाल बनाएँ हैं ।

देख तेरे मानव ने क्या रंग दिखाए हैं ।

यहाँ कोई बच्चा अपने माँ की गोद में न सो सका,

कोई भाई अपना वचन न निभा सका ।

यहाँ भाई भाई के खून का प्यासा हो गया,

इंसान एक निमिष चैन की नींद न सो सका ।

इंसानी संबंधो का यहाँ कोई मोल नहीं,

लोगों के लहू का रंग भी लाल नहीं ।

मानव ने तो बस रकत-सरिताएँ बहाई हैं,

देख ईश्वर, तेरे इंसान ने कैसे दिन दिखलाए हैं ।

यहाँ वहाँ बस रक्तरंजित दीवारें ही नजर आती हैं ।

लाशों के ढेर पर आतंक तांडव मचाती है ।

लोगों ने अपने स्वार्थ को अपना ध्येय बनाया है ।

देशद्रोह के दम पर, उन्होंने बहुत धन कमाया है ।

इस दृश्य को देखकर तू अपने आंसूओं को पाएगा ना रोक ।

हर घर में मातम है, हर चौराहे पर शोक !

यह धरती अब प्रलय की ओर कदम बढ़ाए है,

देख तेरे इंसान ने कैसे शूल बिछाए हैं।



क्रोध मूर्खता से शुरू होता है और पश्चाताप पर खत्म होता है । - *पैथागोरस*

ईश्वर :



बस ! बस ! मुझसे और नही सहा जाता
ऐ मानव तुझसे भी तो और नहीं कहा जाता ।
इस निरंकुश विभीषिका से मैं भी तो अहर्षित हूँ ।
ऐ मानव, अनभिज्ञ न बन, तेरे कुकर्मो से मैं भी तो लज्जित हूँ ।
पर मैं कर भी क्या सकता हूँ ।
ये तो मानव के कुकर्मों को ही फल है ।
ये अंचल तुम्हारा, विहान तुम्हारा, तुम्हारा ही जल है ।
काम, स्वार्थ, लोभ, मोह ने तुझको ऐसा घेरा,
तेरी आँखों के सामने बस अंधेरा ही अंधेरा ।
मेरे घर को तूने मस्जिदों और शिवालों में बाँटा
तुमने मेरी पृथ्वी को अगणित भागों में छाँटा ।
मेरे पूजन को ही तुमने धरती के विनाश का कारण बनाया है ।
मेरे ह्रदय पर तुमने असंख्य शूल चढाएँ हैं,
मैंने देखा कि मानव ने पृथ्वी पर कितने जुल्म ढाँए हैं ।
तुमने ही विज्ञान के दुरूपयोग से इस वसुंदरा को कुरूप बनाया है,
तुमने ही स्वयं को मेरे कोप का भागीदार बनाया है ।
केवल एक कुटील व्यक्ति निखिल कौणवकुल के समान बन गया है,
सच का परिधान लिए झूठ भी महान बन गया है ।
प्रकृत्ति के कपोल पर सबल तमाचा लगाया है,
मानव के विध्वंसक अन्वेषण ने चारू निशा को भयानक बनाया है ।
ये ग्रह नक्षत्र शाश्वत साक्ष देंगे कि किस प्रकार
मैंने अपना रौद्र रूप दिखाया है ।
दिग-दिगंत कराहते कि मानव ने ब्रह्मांड को नर्क के सम बनाया है ।
हे मानव, क्यों रोते हो, तुमने तो अपने ही कर्मों के फल पाए हैं ।
तुझे दंड अवश्य मिलेगा, कारण तूने स्वयं अपने पापों के पर्वत बनाएँ हैं ।
हे मानव, मानवता का परित्राण कर, मैंने तुम्हारे भविष्य के सुदंर स्वप्न सजाएँ है।

सुरजीत मेद्दा
द्वितीय - इलेक्ट्रोनिक्स

परमेश्वर सत्य है, यह कहने की बजाय सत्य ही परमेश्वर है यह कहना अधिक उपयुक्त है
- महात्मा गांधी ।

साँप तुम सभ्य तो हुए नहीं
नगर में बसना भी नहीं आया
एक बात पूछुँ उत्तर दोगे ?
ये डसना कहाँ से सीखा?
ये विष कहाँ पाया ?

- श्री अज्ञेय

श्री अज्ञेयजी की इन पंक्तियों में इस विषय का सार छुपा है। सभ्यता और नागरिकता अभी विकसित हो ही रही थी, कि अत्याधिक लालसा, आक्रोश और असंतुष्टि ने इंसानियत को डसना शुरू कर दिया । और इस विष का ऐसा प्रभाव पड़ा कि देश-मेरा देश बन गया, शहर-मेरा शहर बन गया, मुहल्ला, घर-परिवार मेरी व्यक्तिगत संपत्ति से ही । ईश्वर की हर एक सरंचना अपने आप में अद्‌भुत और सलक्ष्य है - देश, परिवार, घर ये सब तो मनुष्य के सामाजिक जीवन के आधार हैं, जो कभी एक से नहीं बल्कि अनेकों से बनते हैं। प्रेम और इंसानियत भी शक्तियाँ है जो सारा संसार स्वर्ग या नरक में परिवर्तित कर सकती हैं। लेकिन शायद ईश्वर ने भी नही सोचा होगा कि बँटवारे के इस अनन्त फेर में पड़कर हम इतनी जल्दी अपने सर्वनाश को आमंत्रण दे देंगे । जब भी हम किसी को अपना कहकर उसपर हक जताने की कोशिश करते हैं या किसी को पराया बनाकर उसके प्रति अपनी जिम्मेदारीयों से मुक्त होने की कोशिश करते, एक आपसी द्वंद का जन्म होता है जिसके परिणामों से हम अनभिज्ञ नहीं है । मनुष्य आज समय के साथ कदम से कदम मिलाकर चलने की कोशिश कर रहा है । वह एक एक पल जीकर अपने सपनों को पूरा कर लेना चाहता है। लेकिन स्वप्न और वास्तविक्ता के बीच की खाई में फंसे न जाने कितने स्वधर्म तो निभा नहीं पा रहे हैं, देश, शहर, समाज तक कहाँ से पहुँचेंगे । पाश्चात्य प्रभाव में हमारे सोच विचार, आचार-व्यवहार, पहनावा, शिक्षा, अभिलाषा और जरूरत, इन सबका रूप परिवर्तित हो गया है । आज मानव चाँद पर तो पहुँच गया परंतु, इन्सान के दिल तक भी नहीं पहुँचा। मानव मानव से बिछड़ता जा रहा है और वह अपने अकेलेपन को अपनी सफलता का मापदंड बनाने की भूल कर रहा है । ऐसे सामाजिक परिवेश में यदि कोई व्यक्ति विशेष इंसानियत की कसौटी पर खरा न उतरे, तो यह दोष किसका है?



आज इंसानियत कोई नीति या परंपरा नहीं रह गई प्रत्येक व्यक्ति ने अपनी सहुलियत के हिसाब इसकी एक परिभाषा बना रखी है । किसी के लिये ये जानवरों की मदद करना है, तो किसी के लिए सफाई तो किसी के लि सादगी । कुछ लोगों के लिए ये एक बड़ा शब्द है, जिसके कभी कबार प्रयोग से भाषा बड़ी लच्छेदार हो जाती है लेकिन इन सबके अलावा इंसानियत का अर्थ मानवीय रिश्तों की मिठास भी है । ज्ञान का सदुपयोग करना भी है यह हमें संपूर्ण इंसान बनना सिखाती है । वैसा ही इंसान जिसकी रचना उपरवाले ने की थी और जो मेरे तुम्हारा शब्दों के बजाए हमारा शब्द का प्रयोग करता था। किन्तु जहाँ इंसानियत में कमी है - वहाँ खुद के अलावा किसी का सुख-दुःख इच्छा जरूरत हमारे लिए कोई मायने नहीं रखती । बढ़ती हुई हिंसा हमारे आत्मकेंद्रित होने का दहला देनेवाला प्रमाण है ।

आज भी बीच बीच में इंसानियत की झलकियाँ दिखती है । जरूरत है तो सिर्फ उसे आवरण से हटाने की इसे एक नये रूप में प्रस्तुत करना होगा, किसी भावना या नीति की तरह नहीं, जीवन को जीने के तरीके की तरह हम सब को उस दिन का इंतजार होगा जब हमारी आने वाली नस्ले कहेंगी कि हमारा देश, हमारा प्रदेश, हमारा शहर, हमारा मुहल्ला, घर किसी स्वर्ग से कम नहीं ।

मेघना
तृतीय

जिसमें बुद्धि नहीं है उसको शास्त्र से क्या लाभ ? जैसे नेत्रहीन मुनष्य के लिए दर्पण बेकार है

- चाणक्य

अनुभव एक उत्तम शिक्षक

करत-करत अभ्यास के जड़मति होत सुजान,
आवत जात रसरी के सील पर पड़त निशान ।

इस सूक्ति का साधारण अर्थ है कि मूर्ख भी निरन्तर परिश्रम करता है और अनुभव प्राप्त करके वह भी चतुर, विद्वान और पराक्रमी बन सकता है

जिनके निरंतर असफलताओं ने यद्यपि बाबर के सारे स्वप्नों को धूल धुसरित कर दिया था तथापि उसका निश्चय अटल था कि हर दिन की पराजय प्रयास से विजय में बदल सकती है। इस निश्चय और गहन अनुभव से ही अंत में उसे मुगल साम्राजय की स्थापना का श्रेय मिला ।

अनुभवविहीन व्यक्ति को समाज में उचित स्थान नहीं मिल पाता है । माना कि बिना अनुभव के भविष्य का रास्ता तय करना मुश्किल हो जाता है, लेकिन सतत अभ्यास और संघर्ष करने की आदत हमें अनुभव तो देता ही है, साथ ही साथ हमारी झोली में खुशियाँ और सफलताओं का पुष्प भर देती है। मेवाड़ का महाराणा प्रताप ने अपनी जिद्द मेहनत और कटुअनुभवों के कारण ही अकबर बादशाह को शिकस्त देकर अपना राज्य स्थापित किया था । किसी ने शायद सही कहा है कि -

करता गुरू, न करता चेला ।

अनुभव ही मनुष्य को प्रगति पथ पर ले जाता है । वह न केवल अपनी उन्नति का मार्ग खोज लेता है, बल्कि अन्य लोगों का मार्गदर्शन भी करता है । जो व्यक्ति दुख के दलदल से सुख की मंजिल तक पहुँचता है वह समाज के सामने एक आदर्श उदाहरण बन जाता है और वह अपने विभिन्न अनुभवों के द्वारा समाज कल्याण कार्य कर सकता है जिससे समाज के अन्य लोग अवश्य ही लाभान्वित हो सकते हैं ।

कदम चूम लेती है, खुद आ के मंजिल
मुसाफिर अगर आप, हिम्मत न हारे ।

विद्यार्थी जीवन या हमारा बालपन तो दूसरों के अनुभवों का खिलौना मात्र है। माता-पिता अपने-अपने अनुभवों से हमें ढालते हैं तो पाठशाला में गुरूजनवृंद अपने अनुभवों से हमारे चरित्र और जीवन को निखारने में लगा देते हैं। हमारे वंदनीय गुरूजन नदी के समान अपने अनुभवों को हमारे सामने लाकर रख देते हैं और हमारी उन्नति में सहायक बनते हैं। ये तो हमारा कर्तव्य है कि उन अनुभवों से आगे बढ़ने की राह खोजे, नहीं तो हमें यह कहना पड़ेगा ।



जिनके आँगन है नदी,
सो कब मरत पियास ।

आँगन में नदी, बह रही हो और आदमी प्यासा मरे? है न अफसोस की बात!

कालीदास के संबंध में कहा गया है कि वे मूर्ख थे लेकिन जब उन्हें अपमानित होना पड़ा तब निरंतर साधना के अनुभव से वे विश्व के महान साहित्यकार और विद्यवान बन गए। एकलव्य ने तीर चलाने की शिक्षा किससे ग्रहण की थी? द्रोणाचार्य ने तो उसे स्वीकार भी नहीं किया था लेकिन निरंतर प्रयास और अनुभवों के कारण ही वह तीर चलाने में निपुण हो गया था ।

किसी भी राष्ट्र में, महत्वपूर्ण पद पर आसीन होने वाला एक परिपक्व और अनुभवों से लदा व्यक्ति होता है । ताकि उनके अनुभवों को देश और समाज के हित में प्रयोग किया जा सके । उँचे पदों पर आसीत शक्स अपने-अपने अनुभवों से देश को तरक्की की ओर ले जाने का प्रयास करता है । अनुभव एक शिक्षक की भाँति ही हमें जिंदगी के मुश्किल सफर में बहादुरी से चलने की प्रेरणा देता रहता है।

इसलिए यह कहना शत प्रतिशत ठीक रहेगा कि **अनुभव एक उत्तम शिक्षक** है।

अर्जुन के. जयस्वाल
द्वितीय - आइ.टी - अ.

यदि मानव सीखना चाहे तो उसकी हरेक भूल उसे कुछ न कुछ शिक्षा दे सकती है - *डिकेन्स*

आई लव बॉम्बे



वह एल्को की पानीपूरी
वह चौपाटी की चाट
वह नैचरल्स की आईस क्रीम
वह उसमें थी कुछ बात
वह तिवारी की मिठाई
वह शिवसागर की पाव भाजी
और गुरु कृपा का समोसा
वह लोकल ट्रेन का सफर
वह जुहू बीच की हवा
वह चौपाटी के टांगे
और जोगर्स पार्क का समा
वह दिसम्बर की जरा सी सर्दी
वह बारीशों के महीने
वह गर्मी की छुट्टियाँ
वह छुटे थे पसीने
वह होली की मस्ती
वह नवरात्री का गरबा
वह दिवाली के पटाखे
और गणपती का शोर व शराबा
वह पीक हार्स की ट्रफिक
वह वेस्ट का रश
वह तड़पती गर्मी में
स्नोमानस का एक काला खट्टा शल्स
वह जुहू बीच का माहौल
वह समुन्दर की लहरें
वह डूबते सुरज का नज़ारा
वाह उसका क्या कहना
वह स्टरलींग का पापकार्न और कॉटन वर्ल्ड में शॉपिंग
वह फॅशन स्ट्रीट का नज़ारा
और नरीमन पॉईंट की बिल्डींग
वह सिनेमा के क्यू
वह ब्लॅक की टिकट
वह शिवाजी पार्क का मैदान
जहाँ प्रेक्टीस करते थे क्रिकेट
इतनी चींजे कहने के बाद
और कितनी करू मैं बढ़ाई
यह शहर है मेरा अपना
जिसका नाम है मुंम्बई

आर. इंदिरा
हेड क्लर्क

लक्ष्य को ही अपना जीवन कार्य समझो । हर क्षण उसी का चिन्तन करो, उसी का स्वप्न देखो । उसी के सहारे जीवित रहो । - *विवेकानंद*

इक्कीसवीं सदी का नेतृत्व



जिस तरह एक कक्षा में अध्यापक की उपस्थिती जरूरी है, बगीचे में माली का होना, वाहन में चालक का होना, गृहस्थ आश्रम में गृहिणी का होना आवश्यक है, उसी तरह किसी भी समाज, संस्था, देश या जनसमुदाय की उन्नति के लिए एक उपयुक्त नेतृत्व का होना अति आवश्यक है। आज हम सब इक्कीसवीं सदी की दहलीज पर खड़े हैं, हमारे मन में भविष्य का एक बेहद रंगीला चित्रांकन है, आशा भरी निगाहों से हमने न जाने कितने सपने देख रखे हैं। कल तो अत्याधुनिक तकनीकिकरण और मशीनिकरण होगा। शिक्षा पद्धती बदल जाएगी, निरंतर भूमि सुधार, सहकारिक और वैज्ञानिक कृषि और कुटीर उद्योगों पर आधारित गावों की अर्थव्यवस्था होगी। अच्छाई की पगडंडियों पर विकास की नींव पड़ी होगी। परंतु जिस तरह बिना कारीगर के नक्काशी नहीं हो सकती उसी तरह उन नवीनता को संभालकर उन्नति के पथ पर अग्रसर करने के लिए हमें एक ऐसे नेतृत्व की जरूरत होगी जो हमें अंतराष्ट्रीय स्तर पर एक नई पहचान दे सके, वर्ना बिना नमक के पकवानों की तरह हर उपलब्धि के होते हुए भी हम खुद अपनी ही अवनति या विनाश का कारण बन सकते हैं। मैं जब नेतृत्व की बात करता हूँ तो मेरा आशय सिर्फ किसी एक व्यक्ति से नहीं होता है, मैं आप लोगों का ध्यान पूरे ढाँचे, पूरे संविधान, और जनता नेता की साझीदारी के तरफ ले जाना चाहता हूँ। अगली सदी में यह आवश्यक हो जाएगा कि यदि कोई हाथ मंजिल की तरफ इशारा करे, तो उस तरफ देखने वाली आँखें भी हों, उस तरफ चलने वाले पैर भी हों। उस नेतृत्व की आभा सच्चाई, ईमानदारी, करूणा और निःस्वार्थ जैसे रत्नों से जड़ी होनी चाहिए। भ्रष्टाचार, अस्थिरता और आपसी मतभेद जैसी गंदगियों से उसे बहुत दूर होना चाहिए। हमें एक ऐसा नेतृत्व चाहिए जो हमें पाताल की गहराइयों से उठाकर आकाश की उँचाइयों में उड़ना सिखाए। जो इस देश के प्रति हम देशवासियों के ही नजरिए को बदलकर, इसकी एक पूजनीय छवि की रचना करे। जो लगातार हमें प्रगति और विकास की ओर अग्रसर करे ऐसा नेतृत्व चाहिए होगा हमें। उसे एक ही पेड़ पर आध्यात्मिकता, नैतिकता और भौतिकता के फल उगाने होंगे। कठिन परिस्थितीयों में भी हमें सुनहरे सपने दिखाकर उन्हें साकार करने होगें। भारत का इतिहास तो शिवाजी, गाँधी, बोस, पटेल सावरकर जैसे न जाने कितने नामों से भरा पड़ा है जिनके नेतृत्व में हम बड़ी-बड़ी अडचनों को भी पैरों तले रौंदते हुए निकल गए। अगली सदी में हमें इनसे भी ज्यादा जोशीला और जोरदार नारा चाहिए होगा, उनके सूत्र से भी ज्यादा मजबूत एकता की रस्सी चाहिए होगी। जैसा की मैंने पहले भी कहा नेतृत्व की बात करते समय हमें अपनी जिम्मेदारीयों का एहसास होना आवश्यक है। दोस्तों जब इस भूमि पर जन्म लिया है तो इसके प्रति अपने कर्तव्य को भी निभाना होगा। अपनी इच्छाओं का दमन करके, अपने स्वार्थ की हत्या करके भी हमें एक परिपक्व नेतृत्व की संरचना करनी होगी ताकि हम विकास और उन्नति की उस उँचाई को छू लें जिसकी अभी तक मानव ने परिकल्पना भी नहीं की है। तभी शायद कविवर रामधारी सिंह दिनकर के ये शब्द सार्थक हो सकते हैं।

मनु नहीं मनुपुत्र है यह सामने जिसकी कल्पना की जीभ को भी धार होती है,बाण ही होते विचार के नहीं केवल, स्वप्न के भी हाथ में तलवार होती है।

स्वर्ग के सम्राट को जाकर खबर कर दे, रोज ही आकाश चढ़ते आ रहे हैं ये, रोकिये, जैसे बने इन स्वप्नवालों को, स्वर्ग की ओर बढ़ते आ रहे हैं ये।

ओंकार बिलोलीकर
तृतीय - इलेक्ट्रीकल

शिक्षा का महान उद्देश ज्ञान नहीं, कर्म है। - *हर्बर्ट स्पेन्सर*

सुख के अंकुर



इस पृथ्वी पर जन्म लेनेवाला हर मनुष्य अपने साथ अपना प्रारब्ध लिखा लाता है। हम में से हर एक के जीवन में सुख-दुःखों का आना जाना लगा ही रहता है । एक क्षण किसी उपलब्धि का आनंद तो दूसरे ही निमिष, कुछ खो जाने का शोक । इस चक्रव्युह से मुक्ति पाना हमारे वश में नहीं होता ।

परंतु हम अपने जीवन की दिनचर्या में इतने व्यस्त होते हैं, अपने बड़े बड़े सुख-दुःखों का हिसाब लगाने में इतने उलझे हुए होते हैं, कि जीवन की छोटी छोटी खुशियों को अनदेखा कर जाते हैं, उनका लाभ नहीं उठा पाते । हमारे दुःखों और समस्याओं का परिमाण प्रायः इतना अधिक होता है कि ये छोटी खुशियाँ उनके सामने दम तोड़ देती हैं । सच्चा मनुष्य वो ही है जो दुविधा की घड़ी में भी हर उस खुशी का आनंद ले और मुस्कुराकर कहे कि आनेवाला दिन इससे बहतर होगा। यही तो होते हैं, बंजर जीवन पर सुख के अंकुर।

प्रकृति कुछ भी अधिक या कम नहीं देती । सुख-दुःख भी वो सही मात्रा में ही देती हैं। एक विराट संकट के एवज में वो कई छोटी खुशियाँ भी देती हैं । बस अश्रुमय आँखों से इन खुशियों को देखने की आवश्यकता है ।

हमारे आसपास की सुंदरता, चाहे वो किसी वस्तु की हो, या किसी व्यक्ति की, मन को हर्षमय बनाने के लिए पर्याप्त होती है । किसी की मधुर वाणी या मोहक मुसकान दिन को सँवारने के लिए काफी होती है । दुखों के रेले में, किसी अपने का साथ, किसी मित्र का सहारा, केवल दुःख को कम ही नहीं करता, बल्कि, संतोष देता है, आश्वासन देता है, सुख देता है ।

हम जीवन में अंधकार से डरते हैं, कारण अगले पल पर क्या होगा, इसका बोध हमें नहीं होता । परंतु सुर्योदय के पश्चात, सुर्य कि ओर मुख रखके चलने से, हर काली छाया हमारे पीछे छूट जाती है । इसलिए हमें अगले पल का ही नहीं, बल्कि लक्ष्य का भी ज्ञान हो जाता है। सुख और दुख का निर्णय करना हमारे नियंत्रण में नहीं, परंतु उनका चुनाव करना और सुखी या दु यह हमारे वश में अवश्य है।

स्वामी विवेकानंद के शब्दों में कहा जाए

दुःख कुछ नहीं होता, सुख की अप्रस्तुति नाम दिया दुःख । सुख और दुःख के इस अंतर को समझ पाँए तो दुख का अस्तित्व ही समाप्त हो ज

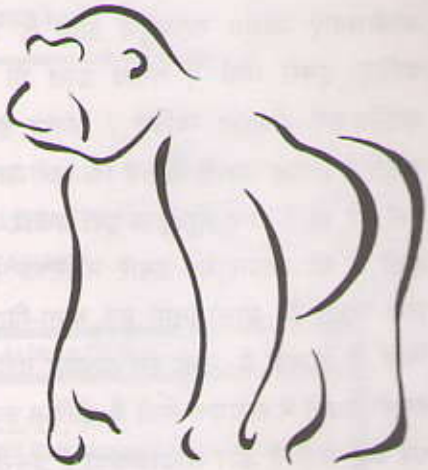
तो अब जीवन के हर क्षण में, स्मरण रखें का पर्वत भले ही इस क्षण हमारे मर्यादा में ना हो, के अंकुर सदा हमारी सीमा में होते हैं ।

सुरभित
द्वितीय - इले

औरों को हँसते देखो मनु ,
हँसो और सुख पाओ,
अपने सुख को विस्तृत कर लो
सबको सुखी बनाओ ।

वह व्यक्ति बुद्धिमान है, जो उन वस्तुओं के लिए दुःखी नहीं होता जो उसके पास नहीं हैं, बल्कि प्रसन्न रहता है, जो उसके पास है । - *एपिक्टेट्स*

क्या हमारे पूर्वज बंदर थे



घर में पाते ही अेकांत, मैं रटने लगा डार्विन का सिद्धांत
"हमारे पूर्वज बंदर थे, हमारे पूर्वज बंदर थे"....
जब मैं रट रहा था, तब पिताजी अंदर थे ।
वे आए और चिल्लाए - "ये क्या बकता है,
हमारे पूर्वज को बंदर कहता है ।
मैंने सोचा, पढ़ेगा, लिखेगा बाप, दादा का नाम रोशन करेगा,
अरे, नाम रोशन करना तो दूर, उल्टा, उन्हें ही कह रहा है लंगूर !!"
पिताजी ने खींच कर हाथ दिया, मैंने डार्विन साहब को याद किया,
"आप तो मर गए, मेरी जान को मुसीबत कर गए ।"
बंदर को पूर्वज मानो तो घर में पिटाई और न मानो तो स्कूल में धुलाई ??

मैंने सोचा सबसे पूछा जाए, फिर किसी नतीजे पर पहुँचा जाए ।
सबसे पहले मैंने अपने पड़ोसी से पूछा "क्या हमारे पूर्वज बंदर थे ?"
वे बोले, "तुम्हारे होंगे हमारे तो क्षत्रिय थे ।"
बाद में मैंने एक मदारी से पूछा - क्या हमारे पूर्वज बंदर थे ?
वह बोला - "देख भैया, हम आदमियों को बंदर
से मुकाबला नहीं करना चाहिए । कहाँ आदमी
और कहाँ बंदर !! आज आदमी की क्या है कदर ।
मैं अपनी बात बता रहा हूँ, मेरा एक बंदर जैसा बेटा है और एक बेटे जैसा बंदर !!
मैंने बंदर नचाकर उसे पढ़ाया लिखाया ।
मगर तीन साल हो गए, आज भी वह नौकरी के लिए मारा मारा फिरता है, वैसे मैं यह बंदर सारे परिवार का पेट भरता है ।"

अब एक रूपक लिजिए मेरे दादाजी आम के भयंकर शौकीन ।

अपने मित्र रामदुलारे के संग बाजार को गए । राम दुलारे आम का दाम सुनकर राम को प्यारे हो गए । मेरे दादाजी घर को मुँह लटकाते हुए आए । मैंने दादाजी से पूँछा - "क्या हमारे पूर्वज बंदर थे?" वे बोले - "काश !! आज भी होते, तो राम दुलारे यु न मरता, किसी पेड़ पर चढ़ता, जी भरके आम चुसता, न बाजार जाता, न भाव पूछता ।"

अंत में मैंने एक दार्शनिक (Philospher) से पूछा "क्या हमारे पूर्वज बंदर थे?" वे बोले -" प्रश्न सामाइक है, मजेदार है पर बंदर से पूछकर देखो - क्या उसे भी मनुष्य का पूर्वज होना स्वीकार है ? वह इनकार कर देगा शर्म से डूब मरेगा, अगर आदमी जैसा चालाक रहा तो अदालत में मान हानी का दावा करेगा । कहेगा हुजुर - "हम बंदरों की प्रतिष्ठा को मिट्टी में मिलाया जा रहा है और भ्रष्ट मनुष्य को हमारे वंशज बताया जा रहा है ।"

आदमी होना एक दुर्लभ घटना है, इसलिए मैं अब यह नहीं पूछता कि - "क्या हमारे पूर्वज बंदर थे..? वह प्रश्न खड़ा है वहीं का वहीं । आज मैं यह पूछता हूँ कि आदमी भी आदमी है या नहीं, **कि आदमी भी आदमी है या नहीं?**"

अज्ञात

ज्ञान का अंतिम लक्ष्य चरित्र-निर्माण होना चाहिए - *महात्मा गांधी*

आलोचना से न घबराएं



आलोचनाएं अत्यंत महत्वपुर्ण होती है, इनसे घबराना नहीं चाहिए, इनसे व्यर्थ में तनाव ग्रस्त भी नहीं होना चाहिए. आलोचनाएं संबंधित व्यक्ति / संस्था हेतु दर्पण का कार्य करती है। यह जरूरी नहीं है कि सभी प्रकार की आलोचनाएं सही ही हों। फिर भी कुछ इस प्रकार की आलोचनाएं भी होती हैं जो जीवन भर हमारे मस्तिष्क में अपनी कटु छाप छोड़ जाती हैं। आलोचनाएं हमें माता-पिता, भाई-बहन गुरू, मित्रों से मिलती है, उन्हें हम अन्यथा नहीं लेते हैं। क्योंकि वे हमारी उन्नति में सहायक होती हैं, लेकिन कटाक्षपूर्ण आलोचनाएं घर कर लेती हैं और आवश्यकता हैं इनसे दूर रहने की और इन्हें अपने दिल से न लगाने की। आप अपने जीवन में आलोचनाओं से भाग नहीं सकते हैं।

इस संसार में ऐसे बहुत से व्यक्ति हैं जो मात्र आलोचना करने हेतु ही आलोचना करते हैं, वे इससे सस्ती लोकप्रियता भी हासिल कर लेते हैं। इन पर किसी भावनात्मक प्रतिक्रिया व्यक्त करने की आवश्यकता नहीं है। इन्हें हंसकर टाल देना ही बेहतर है।

यदि आलोचना वास्तव में नुकसान पहुँचाने वाली है तो यह चरित्र हनन के समान ही है तथा इसका दृढ़ता से सामना करना चाहिए और आलोचना करने वाले से ऐसी आलोचनाओं का आधार मां ही चाहिए। रचनात्मक आलोचनाएं शुभचिंतकों के ही की जाती हैं। अतः यह कहा जा सकता है कि आप त आलोचना करें जबकि आपको यह महसूस हो कि आल स्वस्थ है एवं इससे संबंधित व्यक्ति को लाभ होगा। ऐसा नहीं है तो आलोचना न करें।

राजदीप
तृतीय - आय



मेरा भारत महान



१) **हीरो सायकल** कम्पनी विश्व की सायकल बनाने वाली कम्पनीयों में सबसे आगे हैं। वह एक दिन में औसत १६,५०० सायकलों का उत्पादन करती है।

२) **भारतीय डाक सेवा** दुनिया की सबसे बडी डाक सेवा है। इस डाक सेवा के १,५४,१४९ डाकघर और ५,६४,७०१ डाकपेटी है।

३) ५००० मीटर की ऊँचाई पर **कांचनजंगा** की वादियों में स्थित जिमखाना **गाल्फ कोर्स** खेल जगत में एक नमूना है।

४) विश्व के सम्पूर्ण सोना उत्पादन का २० प्रतिशत भारत में होता है। इसलिए भारत को सोने चीड़िया कहा जाता है।

जिसे हारने का डर है, उसकी हार निश्चित है। - *नेपोलियन*

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(SPACE Ex-officio) & Students' Council



Dr. M.M. Kulkarni, Mrs. Vidya Joshi
(Magazine Committee Ex-officio)
& Magazine Team



Prof.Prachi Gharpure with
Nirmaan Core Committee



Space Core Committee

SPACE 2005 TEAMS



Event Co-ordinators &
Pronite Incharges



Executive Committee



Security and STF



Reception, Refreshment &
Logistics team



Finance and Tech tear





nd Admin Team



Our Principal - leading from darkness to lightness



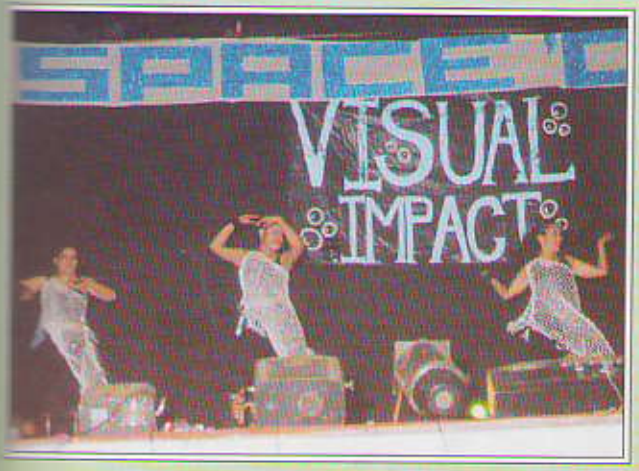
The Poseidons adventure everyone is afloat



The DJ Nite HUNGAMA



Keep Safe Distance - BALLROOM DANCE



FINALLY - for your Eyes only



Gun Guna Rahein hai Bhawrain
Where is the kali ?



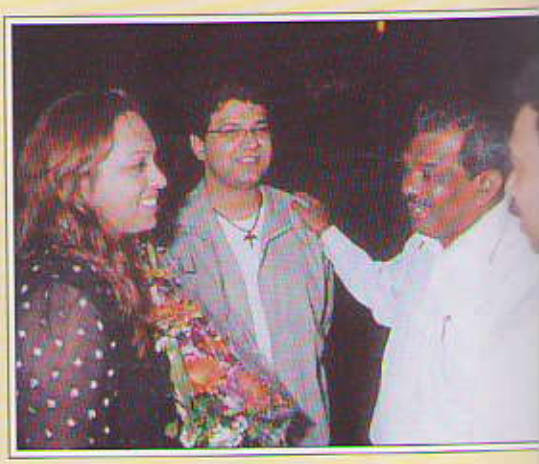
DJ Ryan Beck



Which hand will take the cre



I am the Best !



Aaika 'Jai SPCE'



The stage is at my feet



Entrance to your own SPACE

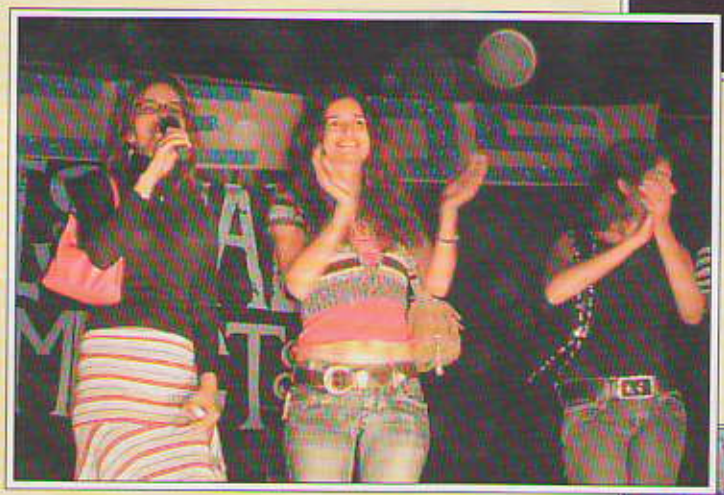
SPACE 2005

Fair Judges OR Fare Judgement??



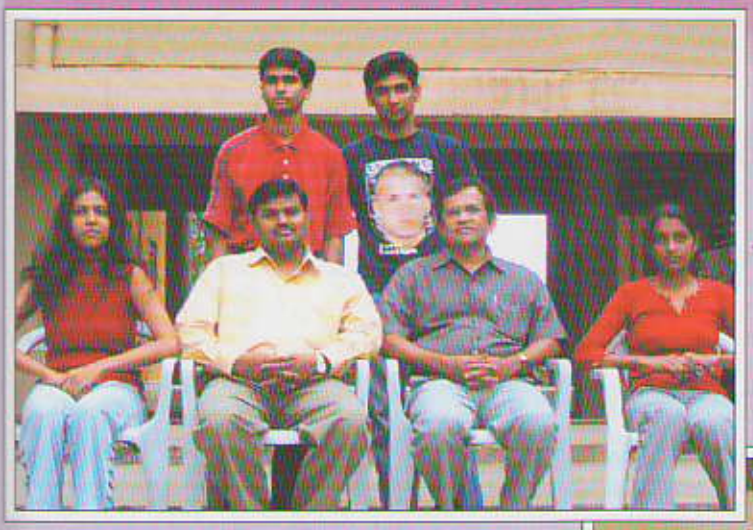








Sports



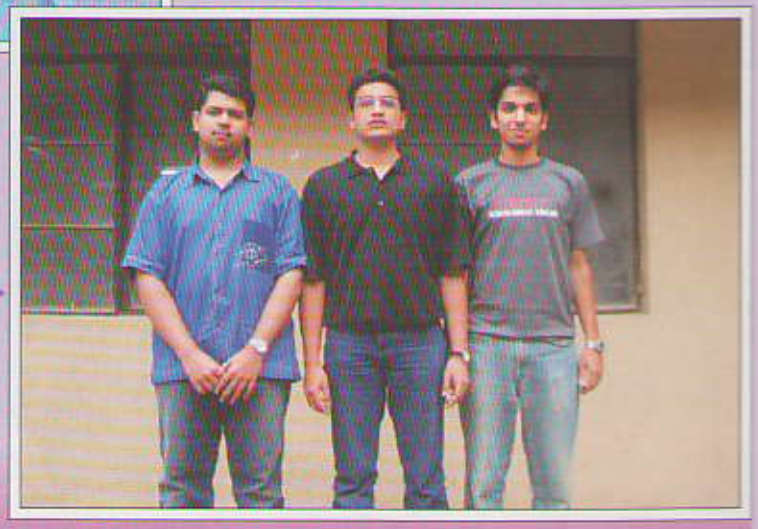
Dr. M.M. Kulkarni, Prof. B.B. Pimpale with Sports Committee



Athletics Events Winners
Muthu Kumar - TE, ETRX
Nidhi Shah - BE, IT



Basket Ball Team



Badminton Team

Sport



Cricket Team



Football Team



Chess Team

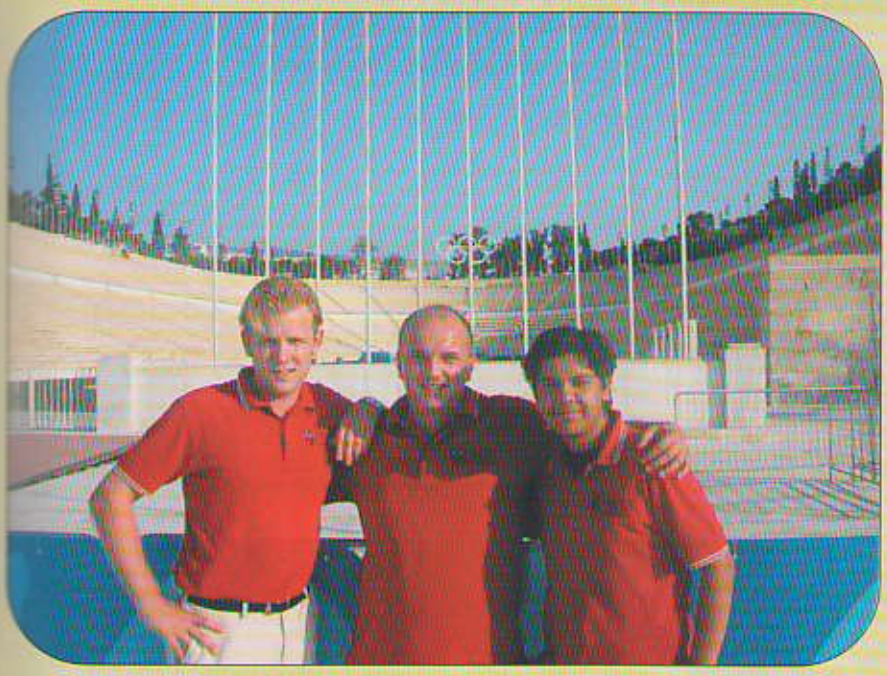


Carrom Team





ACHIEVEMENTS



Gautam Arora (BE-IT) was selected by ATOS Origin as a member of the technical support team for the 2004 Athens Olympic games



Bhavna Sharma, SE Civil

2 Golds, 1 Silver
In SAF Games held in
Islamabad, Pakistan in 2004
2 Golds, 1 Silver, 1 Bronze
in senior Nationals held in New
Delhi in October 2004.



Durga Yashwant Jamghare

Gold Medal in

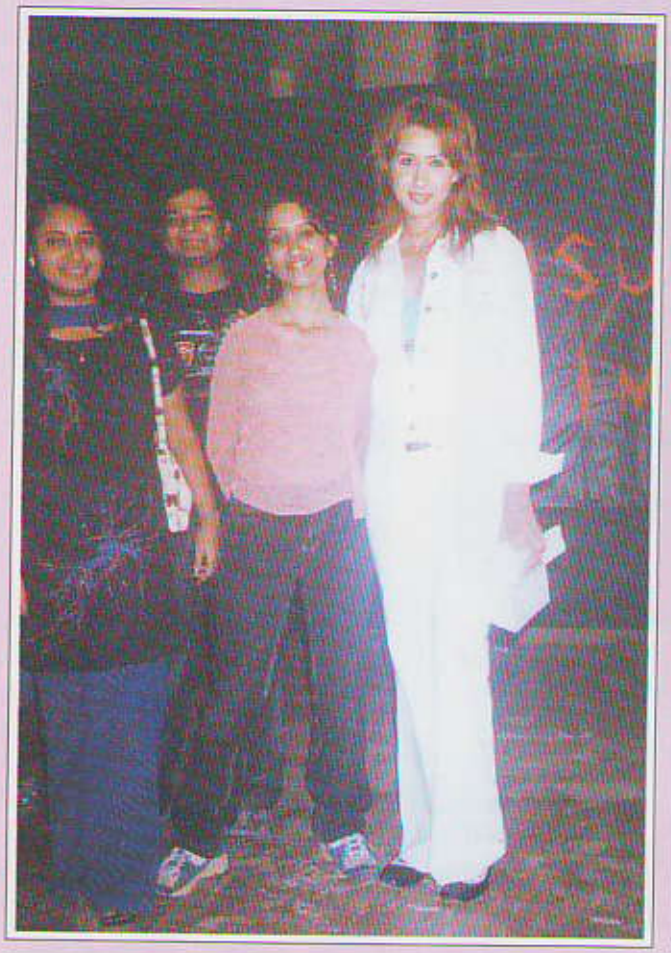
'National Level Karate Tournament'

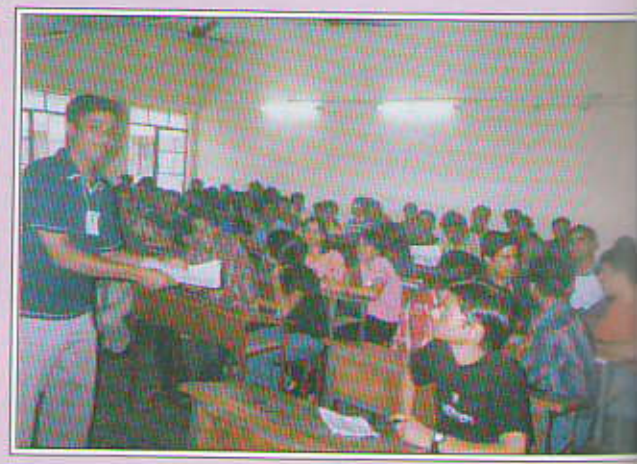
held in Mumbai in
February 2005



Siddharth Likhate (BE-Electrical) presented a paper on Application of web services in power industry at the IEE(UK) conference in Kolkata on 28th & 29th January 2005

TECHNO BREAK 2005







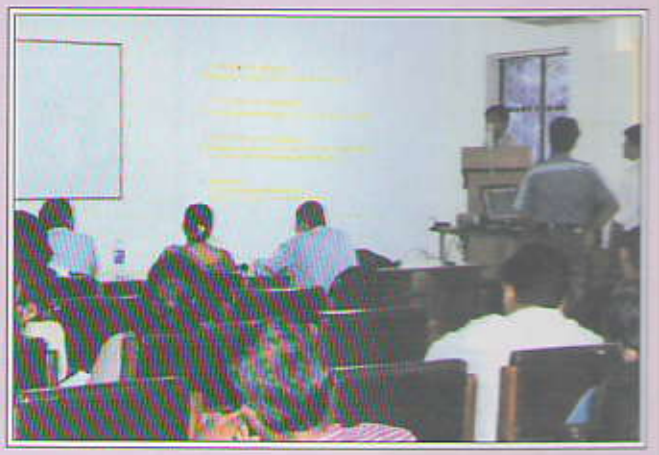
NIRMITI 2005





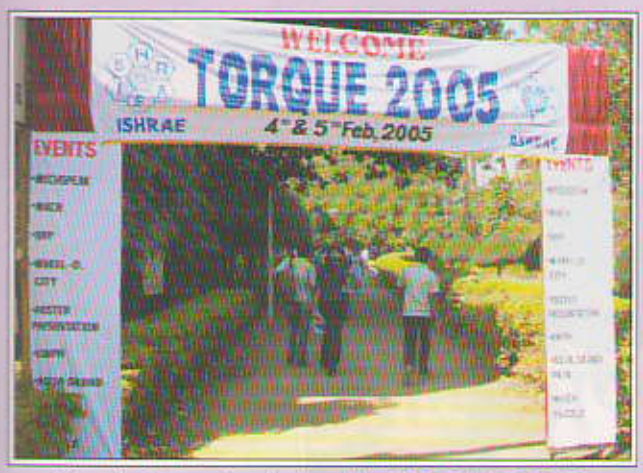
NIRMAAN 2004







Winners - Don Bosco Institute of Technology



Mech Speak rotated to TORQUE 2005



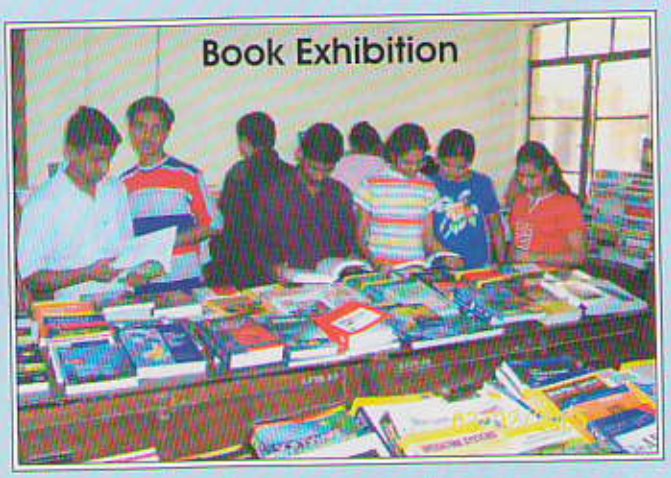
FACE Event

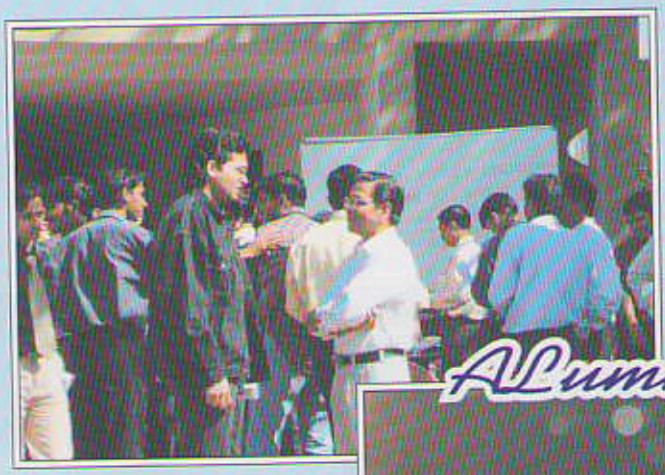
Bhavaspandan 2005





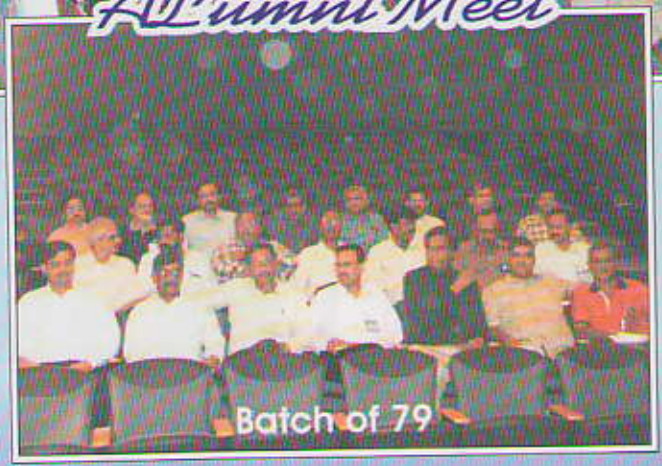
Book Exhibition



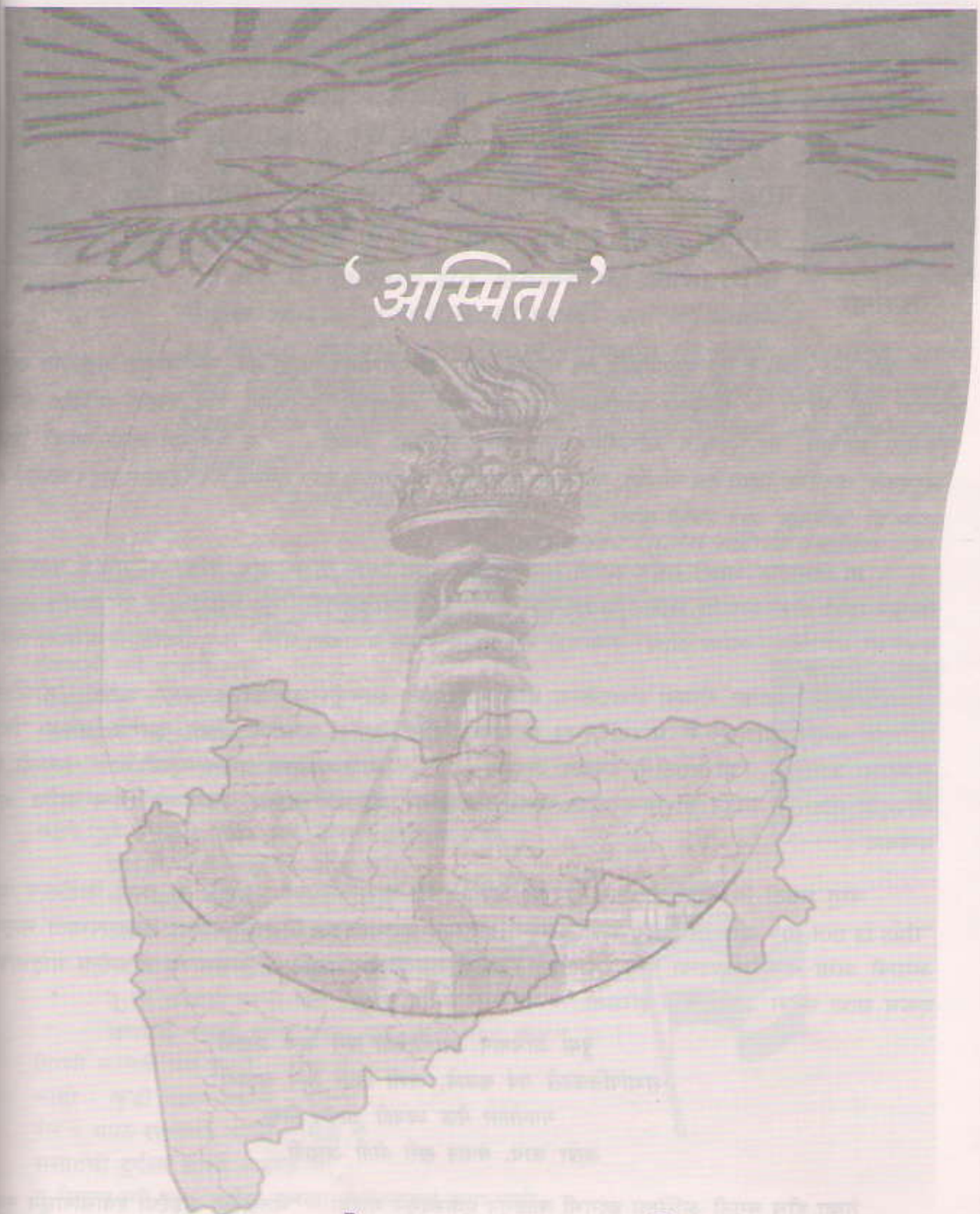




Alumni Meet



Batch of 79



गरूडझेप..... मनाची

संपादकीय



चंद्रशेखर

शके १९२६ अर्थात् इसवी सन २००५ सालची मराठी 'अस्मिता' आपल्या सर्वांसमोर सादर करतांना आम्हांस अतीव आनंद होतोय व अभिमान देखील!



ओंका

सन २००४-०५ हे जर घडामोडींचे वर्ष म्हणता येईल, तर त्यापासून मराठी मन, जन व राष्ट्र अस्पर्शित शकणार नाही. वि.दां. वर झालेल्या वक्तव्यांमुळे पडलेले पीळ, 'श्वास'ची गरुडभरारी, प्रिय 'लक्ष्या'चा सदैव मुकलेला सहवास, तर नुकताच अभिजीत सावंत मुळे चढलेला दिमाख..... हे सर्व-सर्व तुम्ही-आम्ही अनुभवले. कदाचित विषय हेच नसावेत, पण त्याच भावनांच्या स्पर्शरंगाची छटा तुमच्या मन:पटलावर राहून जावी प्रयत्न ही 'अस्मिता' मात्र नक्की करेल.

या विभागात आम्ही सर्वच रसांचा समावेश करण्यांचा प्रयत्न केला आहे. परंतु नवमनाचे हे नवसा त्यामुळे तऱ्हा थोडी निराळी. अक्षत कुमार या विद्यार्थ्याची मराठी भाषिक नसून मराठीवरील प्रेम व्यक्त क तऱ्हा तर आगळीच. त्यावर आम्ही कसलाही संपादकीय हक्क बजावला नाही. ते तुमच्यासाठी जसेच्या त

अखेरी, आम्हा दोघाही संपादकांना एका मुद्द्याचा आवर्जून उल्लेख करावासा वाटतो. 'हॉस्टे रंगलेल्या वादविवादापासून ते भावस्पंदनच्या वाऱ्यामुळे हवेत आलेले मराठीची चिंता करणारे अनेक " आम्हाला आढळले. "ही मराठीची दयनीय अवस्था.....", "आज कुठल्या थराला मराठी....." इत्यादी आपसूक तोंडातून काढून ही विचारशील माणसं मराठीला 'सोनियाचे दिवस' आणायचे प्रयत्न करीत धन्यवाद !

परंतु मराठी विभागात हातभार लावावा अशी इच्छा दाखविल्यावर, "नाही, मी कधी लिहीलंच "this is not my cup of tea" असा उत्स्फूर्त प्रतिसाद ह्यांच्याकडनं मिळाला. तेव्हा शिक्षणपध्दती मा असावी असा दावा करणाऱ्या परंतु स्वभावना स्वभाषी उतरवितांना काठिण्य असणाऱ्या यांकरीता मातृभ एकच साधा संदेश आम्ही देऊ इच्छितो.

वृथा अभिमान असण्यापेक्षा खरी जाण असावी
शब्दांपलिकडले सर्व कळावे, अशी तिची शान असावी
गगनोत्तर नेऊ ध्वजही आपण तिचा,
अखेर काय, मनात खरी प्रीती असावी.

तेव्हा हीच मराठी अस्मिता हृद्‌गर्भी बाळगून एकस्वराने गर्जूया - "घेतलेल्या पहिल्या श्वासापासून शेवटच्या किरणांपर्यंत हे माय मराठे, तूच मनी होतीस, आहेस...असशील!"

सुख हा सुगंध आहे. तो दुसऱ्यावर शिंपडला असता स्वत:वरही शिंपडला जातो

महाराष्ट्र माझा !



मी महाराष्ट्र मध्ये जन्मलो. तर माझी जन्मभूमी म्हणजे महाराष्ट्र. माझी मातृभाषा मराठी नाही, तरी पण मी स्वतःला मराठी समजतो. कशाला ? याचे कारण खूपच सरळ आहे. ज्या राज्यात मी जन्मलो आणि आपले पूर्ण जीवन केले, त्या राज्यावर माझे प्रेम कसे नाही होणार. सचिन तेंडूलकरांचे शॉट बद्दल मला utna hi khushi hoti hai jitni har *मराठी माणसाला होते. शेतकऱ्यांच्या आत्महत्येचा ऐकून* utna hi *दुःख होते. मी मराठी आहे की नाही, हा निर्णय करण्याचा अधिकार कोणाला ही नाही. हा माझा राज्य आहे. आणि याचा उद्धारासाठी माझ्याशी जे काही होणार ते मी करणार. विचारू द्या कोणाला 'मुंबई कोणाची, महाराष्ट्र कोणाचा', मी अभिमानाने* Chillaunga



'मुंबई माझी, महाराष्ट्र माझा !'

— *अक्षत कुमार (तृतीय माहिती तंत्रज्ञान - अ)*

पण, झेंडा वंदन करून जा!



शिकलो तरी नोकरी नाही - नसू दे,
नोकरीविना भाकरी नाही - असू दे,
भाकरीविना पोटात आग - भीक माग,
भीक कोणी देत नाही - चालू लाग,
वशिल्याचा शिकार हो - स्वतंत्र देशातला बेकार हो !
थडगे तुझे उभारून जा - पण, झेंडा वंदन करून जा !

झोपडी माझी तोडली - तोडू दे,
चूल माझी मोडली - मोडू दे,
आता मी जावू कुठे - वाट्टेल तिथे
घर बांधून राहू कुठे - तुला घराची गरज काय,
तू तर कसाया घरची गाय - तुला घराची गरज काय,
छप्परांची लढाई हरून जा - पण, झेंडा वंदन करून जा !



गिरणी आमची बंद झाली - होऊ दे,
भांडी - कुंडी गहाण पडली - पडू दे
पोरं - बाळं रस्त्यावर आली - येऊ दे,
संसाराची दुर्दशा झाली - होऊ दे,
तू मेलास तरी तमा नाही - कारण तू कशातच जमा नाही,
असाच टाचा घासत मरून जा - पण झेंडा वंदन करून जा !

— **हितेश एल. शेट्टी** (तृतीय विद्युतकण)

प्रेम





जितकं भोळं तितकं सुंदर
जितकं खोल तितकं निर्मळ
प्रेम जितकं वेडं तितकंच ते शहाणं
प्रेम म्हणजे एकमेकांच्या दृष्टीने पाहणं
जितक्या कमी भेटी तितकं प्रेम अमाप
जितकं मोकळेपण तितकंच ते निष्पाप
प्रेम म्हणजे कविता करणं, प्रेम म्हणजे वाट पाहणं
प्रेम म्हणजे आठवणी आठवून एकांतात हसत राहणं
प्रेम म्हणजे रडणं, प्रेम म्हणजे हसणं
प्रेम म्हणजे कारण नसताना उगाचच रूसणं
प्रेम म्हणजे स्वप्न बघणं, प्रेम म्हणजे गाणं
प्रेम म्हणजे एकमेकांच्या मनामध्ये राहणं.
तो जितका विसराळू तितकीच तिला आठवण
प्रेम म्हणजे छोट्यातल्या छोट्या गोष्टीची साठवण
जितकं प्रखर तितकंच हळूवार, जितकं हट्टी तितकंच समजूतदार
प्रेम म्हणजे शिकणं प्रेम म्हणजे शिकवणं, प्रेम म्हणजे प्रेमातलं वेगळेपण टिकवणं.

— अनुजा फळणीकर (तृतीय संगणक)

इंजिनियरिंगची चार वर्षे



इंजिनियरींगची चार वर्ष खूपच असतात मस्त
पहिल्याच वर्षी आम्ही घाबरतो जरा जास्त
नवीन ओळखी करता करता सिनियर्सची पडते धाड.
स्वत:ची ओळख करुन देताना तोंड दाबून बुक्क्यांचा मार.
दुसऱ्या वर्षी आम्ही जरा 'बोल्ड' मात्र होतो.
के.टी. च्या टेन्शनमध्ये स्वत:च स्वत:मध्ये हरवतो.
इव्हेन्टस आणि फंक्शनमध्ये खूप एन्जॉय करायचे ठरवतो.
असायनमेन्टस्च्या नादात रिझल्टवर परिणाम करुन घेतो.
तिसऱ्या वर्षी मात्र जरा सिरियसनेस येतो.
ॲव्हरेज वाढवण्यासाठी जीवाचा कस लावतो.
गेट आणि कॅटचा खेळ सुरु होतो.
काय करावे या संभ्रमात जोमाने अभ्यासाला लागतो.
चौथ्या वर्षी कॉलेजमध्ये राजाप्रमाणे वावरतो.
प्रोजेक्ट आणि कॅम्पस सिलेक्शनसाठी जंग जंग पछाडतो.
B.E. farewell च्या रुपानं कॉलेजला निरोप द्यायचं निमित्त घडतं.
इथे घालवलेल्या चार वर्षांसाठी मन आयुष्यभर झुरतं.

— नारायण पारकर (तृतीय विद्युत)

विद्यार्थीदशेतील काळ विद्यार्जनाच्या दृष्टीने फार महत्वाचा असतो.

मराठी - काल, आज आणि उद्या



माझ्या मराठीचे बोलु कौतुके ।
परि अमृतातेही पैजा जिंके ।
ऐसी अक्षरे रसिके मेळवीन ।

सुंदर शब्दांत संत ज्ञानेश्वर महाराजांनी आपल्या माय मराठीचे वर्णन केले आहे. ज्ञानेश्वरांनी ज्ञानेश्वरी लिहून मराठी साहित्याची मुहूर्तमेढ रोवली. तेव्हापासून एका अर्थाने आपली मायबोली मराठीचे सुगीचे आले. त्यानंतर संत तुकाराम, एकनाथ, जनाबाई यांसारख्या संतांच्या ओवी, भारुडे, वचने अशा विविध मराठीला समृद्ध केले. मोरोपंतांसारख्या विद्वानांनी तिला बलशाली बनवले. यानंतर काळ सुरु झाला बदलाचा. या काळात मराठीत कविता, कथांचा पाऊस पडू लागला. कवी, लेखक, विनोदी लेखक, यांनी नवनवीन पदे मराठीत तयार होऊ लागली. मराठी नाटके आणि चित्रपटांनी मराठीला अधिक सजीव केले. ग.दि.माडगुळकर, पु.ल.देशपांडे यांसारख्या असंख्य साहित्यिकांनी अजरामर साहित्य समृद्धीच्या योगदानमान केले.

काळपरत्वे काळ बदलला की काळपरत्वे 'टाईम' बदलला. सगळं काही एकदम 'फास्ट' झालं; सगळीच कामे करतांनासुद्धा 'टाईम' अपुरा पडू लागल्याने असल्या गोष्टींसाठी 'टाईम' कुठून मिळणार. कविता लिहिणे हे रिकामटेकड्यांचं काम समजलं जाऊ लागलं. मराठी बोलणे 'लो स्टेटस्' वाटू लागलं. आजच्या 'हाय कॉम्पिटिशनच्या' जीवनात मराठी शाळा मागे पडू लागल्या. माय मराठी बोलली. मातृभाषा ऐवजी 'मदरटंग' असे बोलण्यातच साऱ्यांना अभिमान वाटू लागला आहे. आपल्या मराठी भाषा म्हणजेच 'मदरटंग' असे बोलणेच आज साऱ्यांना आवडू लागले आहे.

मराठी भाषेची अधोगती होत आहे असे मानणारे बरेच जण आहेत, पण त्यासाठी आपण काहीतरी करा सांगणारे फार थोडेच आहेत, आणि त्यातसुद्धा स्वत:च्या फायद्यासाठी मराठीच्या बाजूने लढणारे असतो राजकीय फायदा असो किंवा स्वत:ची प्रसिध्दी असो. आज त्यासाठी शाळाशाळांमधून मराठी शाळा बंद केली जात आहे. पण अशा बंधनांनी खरोखरच मराठी-भाषेचा विकास होणार काय? आजतोवर अशा निर्माण झाल्या आणि लोप पावल्या. कोणताच कायदा किंवा बंधन त्यांचा ऱ्हास रोखू शकला नाही कारणीभूत होते अशा भाषा बोलणारे तुमच्या आमच्या सारखे लोक ! भाषा ही काही एखादी गोष्ट नाही जी आपण बराच काळ न वापरता व्यवस्थित जतन करू शकतो, तर आपण भाषेचा जितका जास्त वापर करू तितकी ती अधिक समृध्द बनेल. आजसुद्धा ह्या दृष्टीने विचार करुन त्याचा अवलंब करणारे लोक आपल्यात व्यापक चळवळीचे रुप यावयास हवे, तरच, आपली अमृताहून सरस माय मराठी आपल्याला जीवदान देत राहील.

— अमित वर्तक (अंतिम यांत्रिकी)

'काय' करता, यापेक्षा 'काही' करता हे जास्त महत्वाचे आहे - महात्मा गांधी

अस्तित्व



अस्तित्वाच्या शोधासाठी घराबाहेर पडल्यानंतर
समोर होतं - निळभोर आकाश,
सुसाट वारा आणि खुणावणारं क्षितिज
वाटेवर अनेक पुसटशी पावलं
माझ्यासारखीच क्षितिजाला
आव्हान देणारी
काही निराश होऊन पुन्हा
गर्दीत मिसळणारी
पण, आपल्याला गाठायचंय
ते, उंचच उंच शिखर
अस्तित्वाला आव्हान देणारं...
वाटेवर असतात, फक्त अडचणी
"मदत" हा शब्द जणू रूसलेला असतो
ठेचाळत, धडपडत आपण,
पायथ्याशी येतो
अजून फक्त काही क्षण
पण, त्या क्षणांतच सारं काही असतं
धैर्य, विश्वास, तडफड, माघार
आणि, उभारीची जिद्द
अगदी सारं ब्रम्हांड सामावतं या क्षणांत
आणि
आपण शिखर सर केलेलं असतं.
गर्वाने आणि अभिमानाने फुललेली
छाती आणि स्वर
अजूनही बरंच काही.....
पण, त्याच शिखरावर असतात
आपल्यासारखे इतर
परतण्यासाठी आतुर
कारण,
त्या गारव्यातही उष्मा असतो
एकांतातही घुसमट असते.
सुखालाही दु:खाची झालर असते.
इथे असतात ते फक्त सापळे
भावनांशी संबंध नसलेले
व्यवहारातच गुरफटणारे
आपली चूक कळलेली असते,
आपल्याला हवं असतं ते स्वातंत्र्य
पण हा तर "बेभानपणा"
खरा आनंद तर गर्दीतच असतो
तिच्या रंगातच
आपलं हरवलेलं अस्तित्व
खुणावत असतं, परतण्यासाठी.....

सारिका कोचरेकर
(तृतीय माहिती तंत्रज्ञान)

आयुष्य



ऋतू बदलला की दिवस बदलतात,
दु:ख संपताच सुखाचे क्षण उमलतात,
ग्रीष्माचे ऊन जेव्हा पावसात ढळते,
हळूहळू माणसाच्या आयुष्याचे अर्थ कळते,
फुलतात जेव्हा रात्री पावसाच्या कळ्या
थेंबांना झेलून ओल्या होतात नितळ पाकळ्या
जशी जशी रात्र सरते, सूर्य विसरून जातो उगवायचे
अरे, जागे व्हा कळ्यांनो, दिवस आले फुलायचे.

— मंगेश धकाते (अंतिम विद्यु

"मी करू शकत नाही" - या वाक्याने काहीएक झाले नाही
"मी प्रयत्न करीन" - या वाक्याने आश्चर्य घडवलीत - जॉर्ज बर्नहम

"श्वास"



द सध्या ऐकला की, आपणा समोर येतो सर्वांनाच श्वास रोखून पहायला लावणारा, उभा करणारा आणि आपल्यातील सुप्त करायला लावणारा तो "श्वास" चित्रपट.

"श्वास" बघतांना मनात विचार येतो की, जीवन अथवा मरण! त्याने सर्वांनाच भावुक रताच्या जनतेला विचार करायला लावले श्वास" ची सगळ्यात महत्वाची बाब ! ह्या चा विचार करूनच

सुवर्णकमळ" हा राष्ट्रपती पुरस्कार प्रदान वा. याच्याही पुढे जाऊन त्यास अंतरराष्ट्रीय च्य अशा ऑस्कर पुरस्कारासाठी देशाच्या क सिनेमा म्हणून प्रतिनिधित्व करण्याची होती. कदाचित तो सुवर्णक्षणही आपला शीबाचा खेळ.

मुळे मराठी चित्रपट सृष्टीवर टीका जासहजी उत्तर मिळाले आहे. याच ठी चित्रपट सृष्टीस भाग्याचे दिवस आले सृष्टी पूर्णपणे उजळून निघाली आहे. तून मराठी चित्रपट सृष्टीस प्रेरणा आहे.

ास" हा चित्रपट भरपूर जणांनी पाहिलाच "परश्या" हा आठच वर्षाचा मुलगा च्यात अगदी 'टिपीकल' सुखी जीवन तील कुटुंबातला एक लाडका ! एक र्वजण परस्परांशी एका भावनिक नात्याने एके दिवशी परश्या अस्पष्ट दिसण्याची ल्या एका डॉक्टरकडे तपासणी केल्यानंतर परश्याच्या डोळ्याला कर्करोग झालेला काढण्याशिवाय दुसरा कुठलाही उपाय र प्रसंग, ऑपरेशनसाठी सर्वांची तयार नसिक तयारी, त्यातून निर्माण होणाऱ्या त मांडलेले मनाला हेलावून टाकणारे ! चित्रपटाची सरळ पण हृदयस्पर्शी कथा, प्रेक्षकांना खिळवून ठेवणारे, हृदयाला भिडणारे दिग्दर्शन आणि त्यातील कलाकारांचा उत्कट अभिनय - श्वासमध्ये बघायला मिळतं. चित्रपटातील पार्श्वसंगीत, संवाद, चित्रीकरण हे इतकं उत्कृष्टपणे जुळले की त्याला तोड नाही. कोकणासारख्या पर्यटक स्थळांची निसर्ग दृश्ये, मुंबईतल्या दवाखान्यातले प्रसंग संवादाविनाच सर्व काही सांगून जातात.

ज्यांच्या अप्रतिम दिग्दर्शन कौशल्याची छाप संपूर्ण चित्रपटभर जाणवली तोच हा Captain on Ship जो की सर्वांना योग्य न्याय देतो. याच सर्व, मेहनतीचे चीज म्हणजे मिळालेला "सुवर्णकमळ".

चित्रपट पाहिल्यानंतर संवेदनशील माणूस मंत्रमुग्ध होऊन दोन मिनीटे विचार करतोच कारण आपण एका वेगळ्याच जगात जगून आल्यासारखं वाटतं.

जीवनात यशाच्या शिखरापर्यंत पोहोचण्यासाठी फक्त Intelligent questient(I.Q.)च महत्वाचा नसतो तर Emotional Questient (E.Q.) सुध्दा महत्वाचा असतो. जीवनात कठीण प्रसंगांना तोंड देतांना कधी बुध्दीने तर कधी भावनेने योग्य निर्णय घेतले जातात हे "श्वास" वरुन सिध्द होते.

सोनाली शिंपी (प्रथम वर्ष, स्थापत्य)



ळांना वळण लावतात, पण प्रसंगाना वळण लावणारा एखादाच.

मैत्री



खरचं मैत्री काय असते ?
सतत तेवणारी वात असते.....
कोकिळेचं गाणं असतं अन् गाईचं हंबरणं,
मोर पिसारा असतो, अन आकाशाचा रंगही असते
पक्ष्यांच्या थव्याचं एका असतं.....रांगेत उडणं
अन् क्षितिजाचं आकाशाशी टेकणं

प्रेरणेचे बळ असतं, भावासारखं कान धरून मला
माणूस बनवणं, माया असते बहिणीची
असतं आजीचं चेहऱ्यावरून हात फिरवणं.....
मैत्रीबद्दल लिहितांना किती लिहावं, नाही देता येणार टिंब.....
एवढं मात्र खरं, की मैत्री असते
तुमचे प्रतिबिंब.....

- प्रा. एस.आर. ढोले (संगणक विभाग)

चारोळ्या



१) सावरून उभं राहण्याआधीच,
कोसळणं अनुभवलंय मी,
म्हणूनच तुझ्या आठवणींनाही
मजपासून दूर ठेवलंय मी,

२) तुझी प्रत्येक आठवण मी,
पापण्यात अलगद जपली,
अश्रुतून ओघळण्याआधीच,
हृदयात हळूवार कोरली.

३) सगळ्यांनाच नाही जमत,
मनाच्या भावनांना आवरणं,
दुःखाच्या पहाडाला
हास्याच्या धुक्यात दडवणं.

जीवन चौधरी
(तृतीय यांत्रिकी)

अबोल प्रीत



अबोल तू, अबोल मी
न बोल हे कधी बोलले;
ना वाचेने न दृष्टीने
भाव हे न कधी खोलले.
गंध हा माझा कधी
गंध हा तुझ्या मनात;
रोवलेल्या या प्रीतीची
खुलती, उमलती फुले.
नाद हा माझा जसा
सादही तुझ्या स्वरात ;
प्रतिबिंब या प्रीतीचे
बंद लोचनी थरारले.
सदैव अशी जवळ तू
क्षणी न दूर लोटले;
हात तुझा हाती जरी
शब्द का तू रोखले.

- सुशिल बलवीर (तृतीय यांत्रिकी)

सुर्यप्रकाशाकडे बघा आणि तुम्हाला कधीही अंधार दिसणार नाही - हेलन केलर

बाप

(काव्यस्पंदन विजेती कविता)



काही तरी तो राबत राहतो,
ळ्यांमध्ये स्वप्न उद्याचे पाहतो,
न म्हणतो एकच मागणं देवा,
माझ्या नशिबी, लेकरांना सुखी ठेवा.

काही तरी तो होतो कर्जबाजारी
काळजावर लेकीस देतो चांगल्या घरी
प्रिय, लाडकीस जेव्हा सासरी पाठवतो
तांना स्वत:चे मात्र लपवितो.

काही तरी निभावतो कर्तव्य सारी
भविष्य घडवणे ही तर माझी जबाबदारी
न डॉक्टर नाही तर इंजीनीयर करेल
न स्वत:चा त्याची फी भरेल

काही तरी फक्त चिंता त्याच्या पदरी
न स्वत:चा बनवी मुलांची भविष्य शिदोरी
खून त्याचा नेहमीच रिकामा खिसा
सवायचा मुलांसाठी वाटणीतला हिस्सा

बोलले कोणी काही तरी ही गोष्ट आहे खरी
नेहमी वाटे आपणास बापापेक्षा आई बरी
साऱ्या जगास आहे ठाऊक असते महान आई
अहो पण बापाची भुमिकाही नसते लहान काही

बोलले कोणी काही तरी नाही जात भावनेच्या आहारी
प्रेम, माया त्याचीही आपल्यावर फक्त रीत न्यारी
चांगल्या कामासाठी असते नेहमी शाबासकीची थाप
कसाही असला तरी तो असतो एक कर्तव्यदक्ष बाप

- **रजनीकांत बापूलाल ठाकूर** (द्वितीय यांत्रिकी)

जीवनाची गाडी अशी चालवा



जिभेचा मीटर नेहमी कंट्रोलमध्ये ठेवा,
डोळ्यांच्या हेडलाईटस् मधून आनंद झळकू द्या,
नम्रतेची ट्यूब पंक्चर होऊ देऊ नका,
आपल्या मनाची डिकी नेहमी विशाल ठेवा.
वाईट संगतीचा रस्ता दिसताच रिव्हर्स गियर वापरा,
हृदयाच्या ॲक्सीलेटरवर ताबा ठेवा,
रागाचा हॉर्न कंट्रोलमध्ये ठेवा.
आनंदाच्या क्षणी टॉप गियरमध्ये रहा.
विचारांचा सायलेन्सर नेहमी स्वच्छ ठेवा.
सभ्यतेचे लायसन्स नेहमी जवळ ठेवा.

- **गणपत पा. जाधव** (कार्यशाळा कर्मचारी)

विरूध्द बाजू धरून चालावे म्हणजे अपयश सहन करण्याची ताकद येते.

मी आणि माझी "ती"

(खालील घटना सत्यघटनेवर आधारीत आहे.)



"तारुण्य हे काय असतं ?" हे मला 'ती' सहवासात आल्यावर जाणवलं. सुरवातीला स्वत:बरोबर तिला मिरवताना फारच उत्सुकता असायची, आधी तर फारच अवघडल्यासारखे वाटायचे तिच्याबरोबर, मग मात्र सवय झाल्यावर मी व ती अगदी एकमेकांसाठीच असल्यासारखं हिंडू फिरू लागलो. आणि हो नाही म्हणता हे प्रकरण माझ्या घरीही जगजाहीर झाले. बहिणीने मला तिच्यासोबत पाहिले आणि मग आईचा कान तिखट करून आपला स्त्री- हक्क बजावला. आईने मात्र "स्वत:च्या डोळ्यांनी बघून विश्वास ठेवीन" असे सांगून मुलावरील विश्वास दाखवला. मला व तिला पाहताच आई "बाबांवरच गेलंय कार्ट" असं म्हणाली. मग या प्रकरणात बाबांनीही डोकं घातलं. एकंदरीत घरून काहीच हरकत नव्हती. पण मित्रांनो हा शेवट वाटतो तेवढा सुखद नव्हता, खरी मजा पुढे आहे.

आम्हा दोघांची घट्ट मैत्री शाळा व ज्यु. कॉलेजचे विश्व फार नेटाने पार करून S.P.C.E. मध्ये दाखल झाली. मात्र येथेच आमच्या फास्ट ट्रॅक आयुष्यात जागोजागी स्पीडब्रेकर आलेत. त्याची सुरवात अशी झाली. - माझ्या ग्रुपमधे साऱ्याच मुलांकडे तिची अनुपस्थिती मला जाणवली. मात्र कोणीही मुलाने त्याबद्दल फार काही दखल घेतली नाही. मात्र मुलींना आमची मैत्री म्हणजे निव्वळ माझा हट्ट वाटला. आमच्या वर्गातील अल्प संख्यांक मुलींनी आमच्या नात्यात फारच ढवळाढवळ केली. कोणी म्हणाले, "काय, मग कधी उडवतोस तिला?" तर कोणी, "हिच्याबरोबर पक्का गावंढळ वाटतोस!" तर कोणी, "आजच्या जमान्यात हिचा चॉईस केलाच कसं ?" आणि शेवटी "आऊट ऑफ शेप" चा शिक्का मारला. उठबस कमेंटस् पास होऊ लागल्या आणि मग माझे स्थिर मन पण पुन्हा विचारू लागले, "खरंच ती व मी मेड फॉर इच अदर आहोत का?"

आधी म्हटलं, "नाही मी तिला धोका देऊन तिचा काटा काढणार नाही. आम्ही दोघं एकमेकांशिवाय अपूर्ण आहोत." मग म्हटले असे आचार, विचार फक्त पुस्तकांसाठीच असतात. शिवाय वर्गमैत्रिणी सोबत होणारी माझी शाब्दिक चकमक हळूहळू आंदोलनाचे रूप घेऊ लागली. मग प्रश्न होता "हिचा" आणि इतर वर्गमैत्रिणींचा. म्हटलं आयुष्यात फक्त हिचाच हिरो बनण्यापेक्षा इतर मुलींची मर्जी सां आपल्या ब्लॅक एण्ड ब्राईट जीवनात थोडे कलर टाकू. पण गोष्टीतला ट्विस्ट पुढे आहे.

जेवतानाच मी माझा तिच्याबाबतचा निर्णय केला. आणि मग मात्र माझ्या आईने कहरच केल सरळ म्हणाली. जर तिच्यावर पाणी सोडले तर कोणतीच मुलगी माझे तोंड पाहणार नाही. मात्र बहीण माझ्या मदतीला धावून आली; आणि म्ह "दादा, गो अहेड, नाहीतरी आईला ओल्ड फॅशन्ड जास्त आवडतात", असे म्हणताच बाबांना ठसका ल मात्र हे प्रकरण थंड होता होता घरी चार पाच कप आपला जीव दिला आणि कित्येक कढ्यांचे कान ढिले केले. मात्र मी माझ्या निर्णयावर ठाम होतो.

आणि तो निर्णायक दिवस उगवला. मी आणि इतर कामे आटपून आईची आंघोळीला जाय पाहू लागलो आई जाताच मी स्वत:ला आणि माझ्य आरशात शेवटचे पाहिले; जड हातांनी तिच्यावर थो शिंपडले आणि मग हळूवार पणे तिला माझ्या ओठांव केले. नवीन ब्लेडने आपले काम व्यवस्थित पार पाड मात्र ती अजूनही माझ्या अंगाखांद्यावर रेंगाळत हो तिला झटकून दूर केले आणि कॉलेज गाठलं. माझ्या वर्गमै चेहऱ्यावरील अमानुष आनंद अनुभवला. सारं संप मात्र अजूनही आठवड्यातून दोनदा तिच्या तुरळक आ माझ्या ओठांवर आपला हक्क गाजवतातच.

अशी होती ती माझी प्रिय मिशी.

- धनंजय पाटील (अंतिम वि

मैत्री....



जाते
सोबत घर करतात
सोबत नसल्याची जाणीव करून देतात.
उजाडतो...
प्रश्न घेऊन येतो..
मात्र ते कुणी सोबत नसल्याची..
देतो.
नाजूक नातं असतं मैत्रीचं
कमीच पडतं
वादळ येतं
फुललेली फुलं घेऊन जातं

लोकांना वाटतं -
ते झाड आता सुकलं
त्याचं आयुष्य आता संपलं
पण विसरतात ते -
त्याची मूळे हृदयात खोलवर रूतलेली असतात.
मैत्रीची नाजूक नाती अशी सहजच तुटत नसतात.
वर्षांचे जुळलेले संबंध - क्षणार्धात संपत नसतात.

- **सचिन शेळके** (तृतीय स्थापत्य)

देश तसा चांगला



ला,
भंगला
गला,
तसा चांगला,

मंत्री मंडळात तर नुसती
चालू असते कोंबाकोंबी
पण सरकार वापरत नाही
सुरक्षित तांबी.

नातू
टात
जाण असलेल्या उमेदवाराला
आपण मताचं दुध पाजतो
खुर्चीच्या बिळात जाऊन
तो मात्र भलताच माजतो.

त्यांनी आपल्याला भरडावं,
आपण फक्त ओरडावं,
त्यांना वर पाठवताना
एकमेकांना चिरडावं

तरीही देश तसा चांगला
राजकारणाने पांगळा
जातीने रंगला.

- **योगेश ठाकरे** (द्वितीय विद्युत)

- जो तुमच्यावर विश्वास ठेवतो जेव्हा तुमचा स्वतःवरचा विश्वास संपला असतो

तुझ्याशिवाय आई.....



असफल जरी मी
अपयश उदरात राही
तुझ्याशिवाय आई माझ्या
जीवनाला अर्थ नाही

चुका माझ्या घडतीलही
यशाची आस मलाही
तू नसशील माझ्याबरोबर
मलाही काही अर्थ नाही



तुझी प्रेमसावली
अंतरू नये कधीही,
अपयशी जरी मी आज
अंतरी आशावाद तरीही.

यशाबरोबर जग सारे
अपयशाबरोबर कुणी नाही,
तुजसारखे कोण दुसरे
मजकडे ममतेने पाही.

झालो कितीही यशस्वी
खरी काळजी वाही तूच,
खरोखर आई तुझ्याशिवाय
जीवनाला माझ्या अर्थ नाही

- **अविनाश शिंदे** (तृतीय यांत्रिकी)

सहवास





मी विसरून जाईन प्रत्येक गोष्ट,
पण तुझा सहवास कसा विसरू ?
कदाचित विसरून जाईन स्वत:ला,
पण तुझा स्पर्श कसा विसरु ?

क्षणार्धाची सोबत होती,
क्षणिक आपली मैत्री होती,
क्षणांच्याच या व्यवहारात
जुळली आपली नाती होती,
नाती उद्या तुटून जातील
पण या नात्यांचा गोडवा कसा विसरु

जीवनाच्या या वळणावर येऊन मिळणारे,
उद्या आपापल्या मार्गावर निघून जातील,
सखा-सोबती आज म्हणवणारे,
उद्या कदाचित सोडून जातील
राहीन पुन्हा मी एकच....मी !
पण सोबत तुझी लाभली मला
हे मी कसे विसरु ?

- **शैलेश पाटील** (अंतिम वर्ष

दुरून डोंगर साजरे आणि स्मितहास्य.....



शब्दाची व्याख्या त्सुनामी, ९/११, बॉम्बस्फोट यांमुळे अधिकाधिक दृढ बनत चालली भयानक वाटणाऱ्या गोष्टी प्रत्यक्षात उतरल्या आणि भविष्यात काळाकभिन्न अंधार हेवा वाटण्यासारखी गोष्ट एवढीच या प्रकोपानंतरही जीवन तूर्तास तरी सुरळीत चालू अशी की मानवाची स्वार्थी वृत्ती आणि त्याला विज्ञान तंत्रज्ञानाची मिळालेली जोडगोळी कारणीभूत आहे. या समीकरणाची अशी उकल निघते की, विध्वंस, विकोप आणि वृत्ती एकमेकांना Compensate करत आहेत, किंबहुना ते पूरकच आहेत; म्हणूनच विध्वंसांनंतरही जीवन सुरळीत चालू आहे.

कांत बेर्डे, अमरीश पुरी यांसारखे दिग्गज आज आपल्यांत नाहीत; पण त्याची खंत फारफार तर एक पुन्हा येरे माझ्या मागल्या. यालाच सध्याचे 'मॉडर्न' आणि 'फास्ट' जीवन म्हणतात. त्यामुळे कितीही मोठी तरी आपण ती सहज पेलू शकतो, अशी मानसिक व शारीरिक तयारी झालेली आहे. ही एका दृष्टीने आहे. पण दुरुन डोंगर साजरे करुन नुसते स्मितहास्य करण्यात अर्थ नाही; किंबहुना असेच बघे शेवटी शाला कारणीभूत ठरतात; काल आलेली त्सुनामीची लाट उद्या आपल्यावरही येऊ शकते; किंवा भूकंप, खी आपत्ती आपल्यावरही येऊ शकते. आपल्याकडे असे काही होणारच नाही असा आपण ग्रह करुन चीच सोपी Analogy म्हणजे; शाळेत शेवटच्या बाकावर बसणारा अबोल रवी आता रॉकी बनून स्टेज- म्हणतात ना पाण्यात पडल्यावर आपोआपच पोहता येते. अगदी आपल्या धाटणीतलेच उदाहरण म्हणजे; ला 'टॉपर' दृष्टीकोनात 'टॉपरच' राहतो. त्याच्याइतकी मजल मारण्यासाठी आपण धजावतो, आणि जरा चुकली तर सगळे मुसळ केरात; वर्गात प्रश्न विचारल्यावर एकमेकांची तोंडं बघत बसण्यापेक्षा स्वत:चे खा. 'हम किसीसे कम नही' हे अजय देवगण व ऐश्वर्याने म्हणण्यापेक्षा त्याचा मतितार्थ अंतर्मनात रुजू ीचे प्रबोधन स्वत:साठी कसे modify करता येईल हे पहा. एकमेकांच्या भरवशावर राहण्यापेक्षा स्वत: दाखवा. नाहीतर प्रॅक्टिकल्सना 'तुझे आता है क्या?' असे म्हणत पाल्हळ लागते आणि अर्ध्या तासाचा तीन तास झाले तरी फक्त connections वरच सुटतो. हा खेळखंडोबा असाच चालू राहतो. आणि एक पाऊल पुढे उचलणाराच शेवटी टॉपर म्हणून नावारुपाला येतो. ही गोष्ट 'टॉपर' ते 'ड्रॉपर' सर्वांनाच ट्त मात्र नाही.

गोष्ट म्हणजे या स्पर्धेच्या युगात आपणास योग्य त्या ठिकाणी स्पर्धा करता आली पाहिजे. नाहीतर क झळकविणारा फलंदाज आंतरराष्ट्रीय सामन्यात शून्यावर बाद होतो. म्हणजेच अल्पसंतुष्टी न राहता करत रहावे तेही 'कर्मण्येवाधिकारस्ते मा फलेषु कदाचन' याप्रमाणेच. गड किती उंच आहे यापेक्षा कोणती हे पाहणाऱ्या बाजीप्रभूंच्या या क्लृप्तीचा सार्थक अर्थ काढून अगदी किचकट वाटणारा विषयही नवता येतो. शेवटच्या षटकांत टोलेजंग फलंदाजी करुन अशक्यप्राय वाटणाऱ्या कितीतरी मॅचेस ल्या आहेत; आपण त्या प्रत्यक्ष पाहिल्याही आहेत. मग हाच विचार आपण आपल्या जीवनात लागू त्पर्य एवढेच की आपण जे काही शिकतो, पाहतो, ऐकतो हे सर्व आपल्या सर्वांगीण विकासासाठी Compile करता आले पाहिजे. त्यासाठी अमर्याद मेमरी बाइटस्चा मेंदू आपल्याजवळ आहे.

आता खडबडून जागे व्हा आणि दुरूनच साजरे डोंगरे पाहण्यापेक्षा प्रत्यक्ष तेथे जाऊनच त्याची फिदीफिदी हसणाऱ्या बघ्यांपेक्षा स्वत:च्या प्रगल्भतेकडे लक्ष्य द्या मग स्वत:च तुम्ही स्वकर्तृत्वामुळे स्मितहास्य कराल. नाहीतर 'क्रांतिवीर' चा नाना म्हणाला तेच खरे !

- **नारायण पारकर** (तृतीय विद्युत)

न व दृष्टी योग्य दिशेकडे असली की पावलांची चिंता करायची गरज नाही

लक्ष्या



अष्टपैलू विनोदी अभनेता, जबरदस्त 'टाईमसेन्स' असणारे व्यक्तिमत्व अशा ओळखीने ८०-९० च्या दशकात मराठी नाट्य व चित्रपट सृष्टीवर खऱ्या अर्थाने उपकार करणारे लक्ष्मीकांत बेर्डे 'लक्ष्या' याच नावाने परिचित. विनोदातही स्वत:ची अशी वेगळी शैली निर्माण करून मराठी रसिकांच्या मनावर अधिकार गाजविणारं 'लक्ष्या' हे एकच नाव.



लहानपणा पासूनच 'गोट्या' या नावाने परिचित असलेल्या लक्ष्याने आपले पाय पाळण्यातच दाखवले. अपरिचितांसमोर बेडरपणे नकला करणे जणू त्याचा छंदच. सुधा करमरकरांच्या 'लिट्ल थिएटर' मधून काम करतांना 'अबब विठोबा' म्हणजे लक्ष्याचे पहिले यशस्वी पाऊल. त्याचे हेच स्टेजडेअरीं त्याला पुढे एकांकिका स्पर्धांपर्यंत घेऊन गेले. पुरू बेर्डे यांच्या 'मंडळी सादर करूया' मधून व नंतर प्रायोगिक नाटकातून तो चमकू लागला. पुरू दिग्दर्शन करणार व लक्ष्या काम करणार हे समीकरणच बनले होते. त्याने इतर दिग्दर्शकांबरोबरही उत्तमोत्तम फार्स दिले.

बी. कॉम. मध्ये असतांनाच त्याने विविध एकांकिका स्पर्धांमध्ये हलकल्लोळ माजवला. रत्नाकर मतकरींनी त्यातील अभिनयाची जाण जाणली व 'टुरटुर' नाटकात प्रमुख भूमिका देऊन स्टार नट दिला. यानंतर लक्ष्याने मागे वळून पाहिलेच नाही मराठी नाट्य सृष्टीला 'कशात काय अन् खड्यात पाय', 'शांतेचे कोर्ट चालू आहे', 'बिघडले स्वर्गाचे द्वार', 'कार्टी प्रेमात पडली' इ. नाटकांनी त्याला प्रसिध्दीच्या शिखरावर बसवले. पुढे या हरहुन्नरी कलावंताने महेश कोठारे निर्मित 'धुमधडाका' द्वारे धडाक्यात चित्रपटसृष्टीत आगमन केले. 'दादा कोंडके' या एका नावावर मराठी चित्रपटव्यवसाय कितीसा चालणार, अशी अवस्था असताना लक्ष्या व अशोक सराफ या जोडीने मराठी चित्रपटनिर्मितीची संख्या वाढती ठेवून लागोपाठ विनोदी चित्रपट देण्यास सुरूवात केली. 'अशी ही बनवाबनवी' मधील स्त्री व्यक्तिरेखेत मनमुराद हसवून गेली तर 'एक होता विदुषक' मध्ये गंभीर भूमिका करून डोळ्यांची कड ओली केली आणि अशी किती...परंतु लक्ष्यास सर्व रसिक प्रेक्षकांनी एक विनोदी अभिनेता म्हणूनच स्वीकारले.

मराठीत प्रसिध्दीच्या शिखरावर असतांनाच राजश्री प्रॉडक्शनच्या 'मैने प्यार किया' व 'हम आपके है कौन' मध्ये काम करून मराठी माणूस कोठेच मागे नाही, हे सिध्द केले. हिंदी चित्रपटात मुख्य नायकाची म्हणून एकही भूमिका नसली, तरी सहाय्यक विनोदी भूमिकात त्याने स्वत:ला व्यवस्थित सामावून घेतले. सूर्य ज्याप्रमाणे सर्वांना रोजच दर्शन देतो त्याप्रमाणे रोजच कधी टीव्हीच्या छोट्या पडद्यावर, कधी रंगभूमीवर तर कधी मराठी-हिंदी चित्रपटात लक्ष्याचे हमखास दर्शन होत रहायचे व तो नेहमी प्रत्येकात वेगळा वाटायचा.

जीवनातील आजारपण व ताणतणावाचे प्रसंग यांचे परिणाम न जाणवू देता तो सर्वसामान्यजनांना हसवत राहिला. त्याच्या अचानक एक्झिटने सर्व चाहत्यांच्या चेहऱ्यावरचे हास्यही लोपणार आहे, कारण देवानेच स्वर्गाचे दार अचानक उघडून लक्ष्मीकांत बेर्डेला आत ओढून घेतले....

- श्रीकांत विसपुते (प्रथम विद्युत

कला ही निसर्गदत्त देणगी आहे, पण देणगीचा विकास करणे माणसाचे कर्तव्य आहे.

जीवनाचा चहा



...काम्या भांड्यात स्नेहाचे पाणी घाला. त्यांत मायेचा चहा, दयेचे वेलदोडे घालून ...ची साखर घाला. नंतर आदर्श वागणुकीची पावडर घालून त्यास ज्ञानसंवेदनांची ... हे उकळू द्या. त्यातील अहंकाराची वाफ निघून जाईल. राहील तो शुद्ध व ... ! तो मनाच्या गाळणीतून गाळा. त्यातील राग, मोह, मद, मत्सर, निराशा, ... गाळ काढून टाका. त्यात प्रेमाचे दूध घाला. हा चहा मग आदररूपी किटलीने ...तून सौजन्याच्या बशीत ओता. त्यावर शांतीची फुंकर घाला. मग या सुमधुर ... श्रध्देने अनुभवा. हा सात्त्विक चहा तुमच्या जीवनातील दु:खाचा थकवा नाहीसा करील. सुख ... उत्साहाची कारंजी उडवील.

- अमोलकुमार सु. वराडे (तृतीय विद्युत)

शब्द - चांदणे



...ावी आहे
... गाडी
...ला रहायला
...ोगी.

...ाही मागे आहे
...चे एक सत्र
... नाही त्याला
...स्येची रात्र.

...ताना
...न गेले
... कळले
...ते आपले

...ना मनात येई
... कठीण आहे,
...ना कळून चुकले
... कठीण होते.

...चे कुंपण
...ते
...पले
...चे असते.

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सागरा प्राण तळमळला !



मध्यंतरी आपल्या एका 'मंत्रिमहोदयांनी' अंदमानच्या सेल्युलर जेल मधून 'वीर सावरकरांनी' लिहिलेल्या वचनांची पाटी काढून टाकली. सावरकरांच्या 'जातियवादाचा' आणि देशद्रोहीपणाचा त्यांना अचानक साक्षात्कार झाला. आणि अचानक समाजाच्या सर्व स्तरांतून क्रिया-प्रतिक्रिया आणि आंदोलने उसळली.

पण निवडणूकांची रणधुमाळी संपताच जितक्या वेगाने प्रतिक्रिया उमटल्या तितक्याच वेगाने नाहिशा देखील झाल्या. निवडणूकीच्या ऐन तोंडावर मिळालेल्या ह्या मुद्दयाचा सत्ताधारी आणि विरोधी पक्षाने मनसोक्त समाचार घेतला.

आपल्या नावावरून चाललेल्या ह्या गदारोळाची नक्की काय गडबड आहे ? हे पहायला सावर मातृभूमीवर आले आणि इथे जे काय चाललयं ते पाहून अत्यंत व्यथित झाले. सातासमुद्रावर आपल्या म आठवणीत त्यांनीच लिहलेल्या ओळी पुन्हा आठवल्या पण वेगळ्या अर्थाने.....

ने मजसी ने, परत स्वर्गभूमीला
सागरा प्राण तळमळला ।
स्वातंत्र्याची मशाल पेटविली आम्ही,
देण्या प्रकाश तुमच्यासाठी ।
विझली ती ज्योत, जाहला धूर
देशाची दुर्दशा पाहून ।

कुठे युरिया - चारा तर कुठे स्टॅंप घोटाळा ।
सागरा प्राण तळमळला ।
शहरेच्या शहरे पेटविली ।
धर्माच्या नावाखाली ।

जळत्या गाड्या नि पडक्या मशिदी
का हीच शिकवण आम्ही दिधली ?
का हीच शिकवण आम्ही दिधली ?
अरे कुठे तो बंधुभाव हरवला ?

सागरा प्राण तळमळला ।
स्वातंत्र्यासाठी वेचिले प्राण आम्ही ।
याचे मोल ना तुम्हा जराही ।।

जिथे फुले वेचिली, तिथे वेचिल्या गोवऱ्या
हेचि फल काय मम तपाला ?
न मजसी ने परत स्वर्गभूमीला ।
सागरा प्राण तळमळला ।।

- **अभिजीत चोणकर** (अंति



"પ્રેમના તંતમાં સંત મહાલે..."

ગુજરાતી

05

TIME

TO CHANGES ...

તંત્રીની કલમે



સરદાર પટેલ એજીનીયરીંગ કોલજના વિધાર્થીઓને જણાવતાં હું ખુબ જ આનંદ અ
ગૌરવની લાગણી અનુભવું છું કે આપણી કોલેજના વાર્ષિક મેગેઝીન માં આવર્ષથી ગુજર
વિભાગ શરૂ કરવામાં આવ્યો છે. ગુજરાતી વિભાગના તંત્રી તરીકેની મહત્તવની અને ક
જવાબદારી નિભાવવાનું મારે શિરે આવ્યું છે. આ પદ સંભાળતાં મને ખુશી પણ થાય છે અ
સાથેજ મારા સુષુપ્ત મનમાં છાનો ભય પણ લાગે છે કે હું મારી આ જવાબદારી સારી રીતે
પાડી શકીશ કે નહિ ?

કોઈપણ કાર્ય નો પ્રારંભ જ તે કાર્યની સફળતા કે નીષ્ફળતાનો આપણને અંદ
આપી દે છે. મેં જે મહત્તવનું કાર્ય માથે લીધું છે તે કાર્યમાં પ્રો. સ્મિતા (સ્ટ્રકચરલ વિભા
તથા મારા સાથી વિધાર્થી મિત્રો એ જે ઉત્સાહપૂર્વક સહકાર આપ્યો છે તેને લીધે મારું ક
ઘણું સરળ થઈ ગયું છે. ગુજરાતી વિભાગ શરૂ થવાની ઉત્તેજનાવશ અનેક વિધાર્થીઓ
પોતાના વિચારો કવિતા કે લેખના રૂપમાં પ્રદર્શિત કર્યા છે. મારી સામે તો વિકટ પ્રશ્ન હ
કે, કોના ક યાલેખો સમાવુ અને કોના નહીં? પણ તંત્રી તરીકે પદભાર સંભાળવાથી મ
પણ કંઈક અંશે વિવેચક નું કાર્ય કરવુ પડયું.

અને સહુની સહિયારી મહેનતથી આ અંક તૈયાર થયો છે. આશા છે આપ સહુને
અંક પસંદ આવશે. ભવિષ્યમાં પણ આવો જ સહકાર આપ સહુ મને આપતાં રહેશો. મને
કાર્ય કરવાની તક મળી તેને હું મારું સૌભાગ્ય સમજુ છું. ભવિષ્યમાં વધુ ને વધુ સારી રીતે
અંકને વિકસિત કરવાનું હું આપ સહુને વચન આપું છું.

— આપનો આ
મિહિર મ
(ટી.ઈ. ઈલેક્ટ્રોનિક

ખેડૂત બીજુ બધુ જ કરે પણ ધરતીમાં બી ન વાવે તો ?
સાધક બીજું બધુંજ કરે પણ હૃદયમાં ભગવાન ન લાવે તો ?

મહાભારતમાં મોબાઈલ





આજનો યુગ મોબાઈલ, ઈન્ટરનેટ, વેબસાઈટ નો છે. પહેલાનાં જમાનામાં આવુ કાંઈજ ન હતું. હા, સંજય દ્રષ્ટિનો આપણને ખ્યાલ છે. દિવ્યદ્રષ્ટિથી સંજય વર્ણન કરતો અને ધૃતરાષ્ટ્ર સાંભળતા – આ સાથે બ્રહ્માસ્ત્ર, વરૂણાસ્ત્ર આવા શસ્ત્રો પણ તે યુગનો ચમત્કાર હોત તો, કેવું થાત? અથવા તો કેટલી સરળતા રહેત એની વાત કરીએ તો દ્રશ્ય કંઈક આવુ હોત.

ભીષ્મ મોબાઈલ લગાવે છે. અરે યાર અર્જુન પણ જુ ઓ તો ખરા યુદ્ધ છે અને મોબાઈલ સ્વીચ ઓફ રાખીને બેઠો છે. આ મીડીયાવાળા માણસોના ઈન્ટરવ્યુથી ડરતો હશે. કોને મેસેજ કેવીરીતે મોકલવા કે તમે બધાય મને પ્રાણથી પ્યારા છો. ભીષ્મ ખુશ થાય છે, ચપટી વગાડે છે. યાદ આવ્યું... યાદ આવ્યું, યુધિષ્ઠિરને S.M.S. કરીને મેસેજ આપું કે અર્જુન પોતાનાં મોબાઈલ ને સ્વિચ કરે... યુધિષ્ઠિર નો મોબાઈલ પણ કવરેજ વિસ્તારની બાહર છે. આ સત્યાવાદી પણ ક્યા કવરેજ એરીયાની હશે. ભીષ્મ પિતામહ સ્વિચો દબાવે છે. આમથી તેમ આંટા મારે છે. ત્યાં એમનો મોબાઈલ ગાજે છે.

પિતામહ, કેટલાય વખત થી ટ્રાય કરતો હતો! ક્યાં અને કોની સાથે તમારી વાતો ચાલતી હતી? મને લાગે છે કે અર્જુન સાથે વાતો કરતા હશો, પિતામહ હેલો.... હેલો.... આવાજ આપો.....! પિતામહ..... પિ.... તા.. મ... હ... કાંઈ સંભળતો નથી. હેલો.... હેલો.... કવરેજ સારો નથી હેલો.... પિતામહ... મારો સંભળાતો આવાજ હોય.... હચ (HUTCH) ના ફોન માથી મને મોબાઈલ કરો, હું મૈ ક્યાં..... મે અર્જુનને નથી કર્યો. બેટા તુ પણ મને ખોટુ... પિતામહા મોબાઈલ ફોન કટ કરી નાખે છે. દુર્યોધન ફોનવાળા પર બગડયો છે. સાલો, આ બી.એસ.એન.એલ. વાળો જ્યારે કામ હોય ત્યારે જ કવરેજ બગાડીને બેસી જાય! પિતામહ ને અગત્યની સુચનાઓ આપવી છે. ત્યાંજ અવાજ સંભળીતો નથી હવે જો કર્ણના ફોનમાંથી વાત કરે તો કહું કે હમણાં જ કાર્ડ બદલાવી નાખે અને ૩૩૧૦ લઈ લે પછી મજા, થાલું યુધ્ધામાં પણ કવરેજ તો ચકાજામ આવે, ચિંતાતો નહી!

પિતામહ ચિંતામાં છે, દુર્યોધનને મોબાઈલ કરે છે. આપકા ઈચ્છિત વ્યક્તી ઈસ વક્ત આપકા મોબાઈલ નહી લે શકતે. ખરાય છે. કેમ ના લઈશકે? મુર્ખ આવતી કાલે અહીયા ભીષણ યુધ્ધથશે, એની પણ તને ચિંતા નથી આપકા કવરેજ ક્ષેત્ર સે બાહર હૈ. મોબાઈલ ને પછાડે છે અને માથે હાથ દઈને ..... પિતામહ શું કરે છે? દાઢીને વાળ ને આંટા મારી રહ્યા છે. તો પિતામહને ફોન આપો મારે તેમની સાથે વાત કરવી છે. કર્ણ પિતામહનો મોબાઈલ લે છે. પિતામહ ગઈ કાલે આપને શરદી અની માથું ચડયું હતું, અત્યારે કેમ છે ? આંખો લાલ તો નથી રહતી કહે છે, અરે બેટા મને બધુંજ સારુ છે. મારે આમ તો તને મળવા આવવું છે. પિતામહ તમારું શરીર સાચવજો. વાત કર્યાવગર જે કહેવું હોય તે જલ્દી કહી દે બેટા. પિતાજી આપને બિલ ની ચિંતા હોય તો એની ચિંતા ના કર દસ પછી હચ ટુ હચ ઇન્કમીંગ, આઉટ ગોઇંગ ફ્રી છે. એટલે તો મે તમારી વિગતવાર ખબર પુછી. તૂ ચિંતા કાલની સંપૂર્ણ તૈયારી કરેલ છે. ઓ.કે. પિતામહ પણ સાંભળો અર્જુનનો મોબાઈલ આવે તો કટ કરી નાખવો. હી. આ સાંભળી આવેશ માં પિતામહ દુર્યોધન નો મોબાઈલ કટ કરે છે.

જુ ગાંધારીને કુંતી સાથે વાત કરવી છે. મોબાઈલ લગાવે છે. હેલો કુંતી.....ના.....ના મોટા મમ્મી, હું દ્રૌપદી ટા તારો નંબર લાગી ગયો? આંખે બેન્ડેજ બાંધ્યા છે. એટલે ખબર ના પડી, મારે કુંતીનું કામ હતું. વાંધો ઈ ફરીથી કરીશ, પણ અત્યારે તું સાંભળ તારા ટેણીયાને ડૉક્ટર ચરક ને ત્યાં લઈ જજે, અને પાછી આવે

ત્યારે મારા માટે સાશ્વતમ્ સ્ટોર માંથી એક પ્રિપેડ કાર્ડ લેતી આવજે. ઓ.કે. મમ્મી, નો પ્રોબ્લેમ ! બેટા આ લડાઈ ના જોઈએ. આપણું લેડીઝ નું સાંભળે છે કોણ ? ગઈ કાલે લક્ષ્મીજી અને બ્રહ્માણી એ એસ.એમ.એસ. કરીને કહ્યું હતું કે યુધ્ધ રોકાવું જોઈએ. મે તેમને એસ.એમ.એસ. માં કહ્યું અમારું કંઈજ ચાલે નહી, અમારા દુર્યોધન કરે એજ થાય. શુ ક બેટા, મને તો કાંઇ સમજાતુ નથી, પ્રિપેડ કાર્ડ હ્ય નું લાવજે વ્યથિત હૈયે ગાંધારી વાત પુરી કરે છે.

રાત્રે બધા સુઈ રહ્યા છે ત્યાં યુધિષ્ઠિર નો મોબાઈલ ગાજી ઉઠે છે. આ અડધી રાત્રે કોણ જાગતું હશે. લોકો પાસે કાંઇ કામ ધંધો હશે કે નહી? મોબાઈલ કટ કરી નાખે છે. ત્યાં ફરી આવે છે. ઉંઘમાં મોબાઈલ થી કરે છે. ભાનજે આપ લડવા તૈયાર થઈ જાઓ, કોણ બોલો છો – અડધી રાતે આદેશ આપતા શરમ નથી આ – ભાનજે તારો ઉર્ફે દુર્યોધન નો મામો શકુની બોલુ – આવતી કાલે યાદ રાખજે.

તમારા બધાના મોબાઈલ હશે, પણ ઉપડનારા એકેય નહી હોય, મામા... દુર્યોધનના પૈસે કાર્ડ રીચાર્જ કરાવે એમાં આટલો બધો પાવર શાને કરો છે ? ગમે તે હોય પણ તમારી જેમ સસ્તા મોબાઈલ અને સસ્તા કાર્ડ નથી વાપ આવીને જોઇ લે આમારી છાવણી માં બધાયની પાસે રીલાયન્સના મોબાઈલ છે. તમારા લોકોનો મને ખ્યાલ છે. તમે ખ S.M.S. મોકલીને આમારી સેનાને માનસિક દબાણમાં લાવવા માંગો છો, પણ યાદ રાખજો આવતી કાલે તમે સ્વર્ગમા પહોચી ગયા હશો. ત્યાં ઈન કમીંગ ચાર્જ લાગતો હોવાથી શકુની મામાનો મોબાઈલ બંધ થઈ જાય છે. યુધિ હેલો.... હેલો.. કરીને સુઈ જાય છે. ઉંઘમાં પણ પડખા ફરવતાં યુધિષ્ઠિર હેલો...હેલો.... કરે છે.

આવી ઘણી બધી વાતો મોબાઈલના માધ્યમથી મહાભરતમાં થએલી પણ એ આપણે ક્યારેક કરીશું. અત્યારે તો અટલુંજ.

— ચિંતન કમલેશ
(ટી.ઈ. સી.એમ.પી.

માતા પિતા ને પ્રાર્થના





માતા–પિતા બસ આપો એટલા આશિષ મુજને,
ન કરું કદી એવું જે આપે દુ : ખ તમને,
ખરી ઊતરુ હું તમારી આશા–અપેક્ષામાં
કરુ એવું કે જે દે ગર્વ તમને.

તમે આપ્યું છે એટલું કે પાછું વાળી ન શકું,
વાળવા બેસું તો આ ભવ પણ નાનો લાગે,
નિ:સ્વાર્થ પ્રેમની મૂર્તિ જેવા છો તમે,
બસ આપ્યુ છે તમે કદી કંઈ માંગ્યુ નથી.

એક ગુરુ રીતે દીધી શિક્ષા અમને
એકમિત્ર રીતે લીધી સંભાળ આમારી
એક સારથિ ની પેઠે બતાપ્યો માર્ગ અમને
એક કરૂણામૂર્તિ સમ આપ્યો પ્રેમ અમને.

આ જીવનના એક ને પ્રત્યેક તબક્કે
તમે આપ્યો છે સાથ મને એક કે બીજી રે
પ્રયત્ન કરીશ હું બનવા બાળક એવો,
જે હોય પ્રતિબિંબ તમારા સંસ્કારો તણો.

વિરાગ
(એસ.ઈ. સી.એમ.પી

આજના જમાનાની તાતી જરૂરીયાત હોય તો એ કે તમારી જરૂરીયાત ઘટાડતા જા

કવિતાઓ

ોણ ભલાને પૂછે છે
ન કોણ બુરાને પૂછે છે
ત્લબી છે આ દુનિયા
હી કોણ કોને પૂછે છે?

ત્તર નીચોવી અહી
ુકોને કોણ પૂછે છે
તો સંજોગો ઝકાવે છે
હીંતો પ્રભુને કોણ પૂછે છે?

ત્તર એ એક ફૂલ છે,
ફૂલ ન લેવું એ એક ભૂલ છે,
ભૂલમાં જે મશગુલ છે,
નું જીવતર ધૂળ છે?





(૩)

ઓળખ છે મારી પ્રભુને મંદિર માં,
મસ્જીદમાં ખુદાએ ઓળખે છે,
નથી છુટવું અસ્તિત્વ મારું,
તમારા પ્રતાપે મને બધાએ ઓળખે છે.

— માધવ વરમા
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)



— મિહિર મહેતા
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)

પરીક્ષા

રીક્ષા, પરીક્ષા,
પરીક્ષા,
ાંચો,
ને વાંચો,
વાંચો, વાંચો,
નું જ ન પતે.

ારે ત્યારે –
જાય,
પડીજાય,
ાર્ષિક પરીક્ષા હોય,
વાય,
જોવાય.



મમ્મી બૂમો પાડે,
કહે, 'વાંચવા બેસો'
તો મનમાં ગુસ્સો આવી જાય,
દિવસના તારા દખાઆઈ આવે,
પણ કહેવાય નહીં કાંઈ,
આવી ત્રાસદાયક છે આ પરીક્ષા



જો પરીક્ષા ન હોય –
તો મજા આવી જાય,
અમ વિદ્યાર્થીઓ માટે
'હાશ' નો અનુભવ થાય,
કોઈ બિમાર ન પડે,
અને પરીક્ષાનો ભાર ઉતરી જાય.

— કરિશ્મા મણિયાર
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)

ાયન્સ એમ કહે છે કે, જ્યારે પુરૂષ મરે ત્યારે છલ્લુ અટકે છે એનુ હૃદય,
અને જ્યારે સ્ત્રી મરે છે ત્યારે છલ્લી અટકે છે એની જીભ.

દિવસ રાત ની સુંદર વાત



ખુલી આંખો વહેલી સવારે
ઊંઘ મજાની આવી,
ઊઠી આગાસીમાં ગઈ,
પણ આંખો હતી ખૂબ ભારી



નીચે અમારા બાગમાં
સુંદર ફૂલો ખીલ્યાં,
અને આંબાના ઝાડ પર
કોયલ બહેન પણ ટહુક્યાં

ઊગ્યો સૂરજ કેસરી
જાણે કોઈ સમ્રાટ
અને આગાસીમાં ઉભી
હું જોતી તેની વાટ.

ઠંડો પવન એમ વહે
જાણે કરતો મીઠી વાત,
બસ હવે હું મંજન કરું
નહીં તો બાપુ લગાવશે લપડાક

આ વિચારી મને થયું
ભણી કરીને પાછો આવીશ,
પણ ત્યારે તો પડી જશે રાત
અને સે સમયે તારાઓ સહુ
જોતા હશે મારી વાટ.



આ છે મારા મને કહેલી
દિવસ – રાતની સુંદર વાત.

અક્ષર

જ્યારે શિક્ષણની વાતો કરીએ ત્યારે અક્ષર અગત્યનું અંગ છે. અલગ અલગ ભાષાના અલગ અલગ અક્ષરો દ્વારા લિપિની રચના થાય છે. આજ કાલ તો કેલિગ્રાફી એટલે હાથે લખાયેલું લખાણ છે. ગાંધીજીએ કહ્યું હતું કે 'ખરાબ અક્ષર અધૂરા શિક્ષણની નિશાની છે.' બાળપણમાં જ અક્ષરો સારા લખાવાની ટેવ પાડવી જોઈએ. મોટા થયા બાદ અક્ષર સુધારવા ખૂબજ મુશ્કેલ બની જાય છે. બાળપણમાં સારા અક્ષરનું મહત્વ સમજાતું નથી. અને જ્યારે સમજાય ત્યારે ખૂબજ મોડુ થઈ જાય છે. ખરાબ અક્ષરોને કારણે મોટા થયા બાદ આપણે શરમાવું પડે છે. ગાંધીજીને પણ પોતાના ખરાબ અક્ષરો અંગે અત્યંત દુઃખ થતું. હતું.

અભણ માણસો માટે કહેવત છે કે કાળા અક્ષર ભેંસ બરાબર. ફેડલાક વિદ્વાનો માણસના અક્ષર પરથી તેના ચારિત્ર્ય વિશે પણ અનુમાન કરતા હોય છે. અક્ષર માણસના ચારિત્ર્યના દર્પણ સમાન છે.



— મિહિર મહેતા
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)

ચંદ્ર બની કોકના જીવનના આકાશને નહીં અજવાળો તો ચાલશે
પણ રાહુ બનીને કોકની પ્રતિભાને ઢાંકી દેવાના પ્રયત્ન કદી કરશો નહીં.

વિનંતી

સ્વરૂપે જગતથી જુદા બનો,
નો, પ્રેમ બનો, કવિતા બનો.

ને પૂરાવાની જરૂર નથી,
ન બની શકો, બેવફા બનો.

રી કોઈ પણ રીતે ડૂબતી નથી,
વિનંતી આપને, નાખુદા બનો.

પ્રેમ છે કે નહીં તમારા હૃદયમાં,
ી તો કોઈ બીજાના, તો બનો.

શાયરી



મળે છે તો, 'કેમ છો ?' પણ પૂછી નથી શક્તો,
વિરહના જીવનની કથા કહી નથી શક્તો.
હવે તો ખુલ્લી આંખે સ્વપ્ન જોઉ છું,
નિહાળું છુ ને મનની વાત કહી નથી શક્તો.

જે મેળવ્યું છે તેનાં નિશાન છે મારા હાથમાં,
જે ગુમાવ્યું છે તેનાં જખ્મ છે મારા હાથમાં,
ભલે વાંકીચુકી ભાગ્યરેખા રૂપે પણ,
હજી આજે પણ તું વસે છે મારા હાથમાં.

એક જણ

રસ્તે ભટકતો એક જણ,
ીડે કણસતો એક જણ.

રૂઆતથી અંત લગી,
ટે વલખતો એક જણ.

ો પર કહી દે છે તરત,
ુને ખટકતો એક જણ

ડો કે ચીસો કંઈ નહી,
નું સળગતો એક જણ.

આંસુ

મહાસાગરમાં કેવળ એક બિંદુ બન્યાં મોતી,
પડ્યા જળમાં તે છતા નોખાં રહી શક્યાં આંસુ.

પડ્યાં ધરતી પર આંસુ તે બની ગયાં ફૂલો,
રડ્યું આકાશ તો એના સિતારા થઈ ગયાં આંસુ.

મીઠું છાંટ્યુ છે કોઈએ ઘાવો પર મારા,
કદાચ એટલેજ ખારાં થઈ ગયાં આંસુ.

શું કહું તમને કે એ વહેતા કેમ નથી,
બંધ મેં કરી આંખો તો વિવશ થઈ ગયાં આંસુ.

સફર

સહદેવની જેમ જે જુએ છે ભવિષ્ય મંઝિલનું,
એ મારી જેમ આખા સફરમાં ઉદાસ ચાલે છે.

મારી દીવાનગી પૂછ અહીં કોઈને પણ,
કે દીવો સ્થિર રહે છે પણ પ્રકાશ ચાલે છે.

આ દુનિયાથી છુટવાનો કોઈ રસ્તો નથી,
જ્યાં પણ જાઉ છું સઘળે ક્ષિતિજ દેખાય છે.



— સચિન ચોથાણી
(બી.ઈ. ઇલેક્ટ્રોનિક)

આબરૂ ની કિંમત 'કેટલા પૈસા ભેગા કર્યા' એ પરથી નહીં
પણ 'કેટલી પ્રામાણિકતા જાળવી' એ પરથી અંકાતી હોય છે.

પ્રકૃતિનો નાશ એટલે મનુષ્યનો વિનાશ



જેમ જેમ માનવી જીવનમાં પ્રગતિ સાધતો ગયો તેમ તેમ તે ઈશ્વરે સર્જેલી આ દુનિયાની સુંદરતા અને તેનું મહત્ત્વ વીસરતો ગયો.

વૈજ્ઞાનિક પ્રગતિની હરીફાઈમાં ઉતરતો માનવી ઈશ્વરે આપેલી અણમોલ ભેટો જેવી કે શુધ્દ હવા, મીઠું અને આ અદ્‌ભુત જીવન સૃષ્ટિને ભૂલી ગયો છે. પૈસા કમાવાના સ્વાર્થમાં એને આ સૃષ્ટિને પ્રદૂષિત કરતા જ સંકોચ થતો નથી. રાસાયણિક કારખાનાઓ આપણા પાણીને પણ દૂષિત કરે છે. સમુદ્રમાં ઢોળાતું ખનિજ તે રસાયણો દરવર્ષે સાગરતટે વસતાં લાખો પક્ષીઓ અને સમુદ્રમાં વસતા પ્રાણી જગતને હાનિ પહોંચાડે છે. કિનારે ઓટ વખતે ઘસડાઈ આવેલા માછલીઓનાં મૃતશરીરો માનવીને કરગરીને વિનંતી કરે છે : "અમને બ

પૈસાના સ્વાર્થમાં માનવી જંગલનાં વૃક્ષો કાપતાં જરા પણ અચકાતો નથી. તેને માટે તો વૃક્ષ ફક્ત પૈસા ક અક સાધન છે, પણ સ્વાર્થમા આંધળો બનેલો માનવી એ સમજતો નથી કે એક વખત જ્યાં હરિયાળી હ ભવિષ્યમાં રેગિસ્તાન બની જશે. વૃક્ષ જ માનવીનો અને સમસ્ત પ્રાણી સંસારનો અન્નદાતા અને આધારસ્ હવા, પાણી અને રસાળ જમીનનો દુરુપયોગ કરશું, તો જીવસૃષ્ટિનો વિનાશ નિશ્ચિત છે. જો ભવિષ્યમાં આ આપણે વાતાવરણને પ્રદૂષિત કરતાં રહીશુ તો આવતી પેઢીઓ આ કલકલ ઝરણાં ને આ લીલી સાડી ઘરતીને ન જોઇ શકશે.માનવી વિજ્ઞાનના હાથમાંનુ માત્ર રમકડું બની રહી જશે.

આઇન્સ્ટાઇને પણ સ્પષ્ટ શબ્દોમાં કહું છે કે માનવીએ જો પોતાનું અસ્તિત્વ જાળવી રાખવું હોય પ્રદુષણનો ત્યાગ કરવો પડશે અથવા એકવીસમી સદી સુધીમાં તો સમગ્ર જીવસૃષ્ટિનો સંહાર થઈ જશે.

પૈસાના સ્વાર્થમાં અને સતાની આખમારીમાં અંધ બનેલો માનવી આકાશના બદલાતા રંગો, સતરંગી ઈન્ રંગબેરંગી ખીલેલા ફૂલોને જોઈ શકતો નથી. પૈસાના ખણખણખણાટ સામે એને કોયલના ડહુકા સાંભળતા ન સત્તાના અભિમાનમાં તે માનવતાને ભૂલી ગયો છે.



જે દિવસે માનવી પ્રકૃતિ સાથે ઓતપ્રોત થઈ જશે ત્યારે તે પ્રકૃતિનો આનં શકશે અને મનુષ્ય જાતિનો નાશ થતો બચી જશે.

— નિમિશ

(ટી.ઈ. ઈલેક્ટ્રો

સમજ વિનાનો સમાજ એટલે સેલ વિનાની બેટરી.

આપણા ગુરુ કોણ ?





નવજીવન એક સમુદ્રના મોજા જેવું છે. જેમાં ભરતી અને ઓટ તો હોય જ છે. આ નાના જીવનમાં હરેક વ્યક્તિ કંઈક શીખે છે, કંઈક પામે છે પણ આપણને આ કંઈક શીખવે છે કોણ ? અગર મનનાં ઉંડા તરંગોમાં આપણે જીવનના સાચા શિક્ષકને શોધીએ તો આપણને શો જવાબ મળે છે ? શું આપણે કદી પોતાને પૂછયું, છે કે એ કોણ છે. જેને આપણે આપણા જીવનનો ગુરુ કહી શકીએ ?એ કોઈ વ્યક્તિ નથી, કોઈ વસ્તુ નથી, એ દેખાતો નથી, સંભળાતો નથી, એ તો ફક્ત અનુભવાય છે. એ તો ઈશ્વરે એના ભક્તો માટે મોકલેલો ખાસ ગુરુ છે. સાચા અને જીવનભરના ગુરુ તો ફક્ત કાળ, સમય અને પરિસ્થિતિ જ છે – સંજોગ જ માનવીને ખરું અને સાચું શીખવે છે. સંજોગ એક એવો ગુરુ છે જે આપણને ફક્ત કડવા અનુભવ દ્વારા શીખવે છે. માનવીનુ મન એક એવું તુંડમિજાજી પંખી છે જે અથડાઈને નીચે નુ પડે તે પહેલાં સમજતું નથી કે હજી માળામાંથી ઊડવા માટે પાંખ બરાબર

નુભવ, કાળ અને સંજોગ એ એવા ગુરુ છે જે અમીર અને ગરીબમાં કંઈ ફેર જોતા નથી. એ શબ્દો ક્ત કરી શકાય એવા નથી. એ તો ફક્ત આપણા આત્માને સ્પર્શીને ફક્ત આપણને તે સંદેશ આપવા ય. એ ગુરુ કંઈ એના શિષ્ય વચ્ચે ફેર જોતા નથી અ તો સૌથી વધારે જ્ઞાની છે. એનાથી વધારે જ્ઞાની ોઈ શકે નહી.

ેક સફળ વ્યક્તિની પાછળ આપણા આ જ ગુરુનો હાથ હોય છે. ગુરુ તો તેને જ કહેવાય જેનુ લક્ષ્ય એક સફળ માણસ બનાવવાનું હોય. અસફળતા એ સફળતાનું પહેલું પગથિયું છે. જે સફળતા કડવા ગર મેળવેલી છે એ તો રેતીના ઘર જેવી અથવા રણના મૃગજળ જેવી ખોટી હોય છે. ખરી સફળતા હંમેશ દેશમાં આગ લગાડવા જેટલી મુશ્કેલ હોય છે એટલે જ જીવનમાં આ ઈશ્વર જેટલી સાચી સફળતા પામવા ા ગુરુ આપણને ઘણી વખત જમીન પર પછાડતા હોય છે. શું આ સંજોગ ફક્ત હારી ને બેસી જવા માટે મુસીબતો અને તકલીફો ફક્ત તમારી જ છે, ના, એને મુસીબતો અને તકલીકોનું નામ આપવું એ તો ુર્ખાઈ છે એને તો સંજોગ અથવા પરિસ્થિતિ કહેવું જોઈએ જે આપણા જીવનનો ગુરુ છે.

ગુરુને પૂજવા આપણો ધર્મ છે. એ જ્યારે આપણે ત્યાં આવે ત્યારે તેની આખોમાં આંખ મેળવીને એનું સ્વાગત ે. એનાથી છુપાવાથી કે ભાગવાથી એ ક્યાંય જવાનો નથી. એ તો આપણી રાહ જોઈને બેઠો જ હોય છે. રુ છે કે આપણને જ્ઞાન આપીને આપણને વધારે મોટા દુ:ખો અને મુસીબતોમાંથી બચાવવા ઈચ્છે.

પણે સૌ દરરોજના જીવનમાં આ ગુરુ પ્રત્યે માંડ જાગૃત હોઈએ છીએ પણ જાણ્યે અજાણ્યે એ ગુરુ આપણા ું જ્ઞાન જરૂર સંભળાવી જાય છે.

— કરિશ્મા મણિયાર
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)

કહેવાય છે કે 'પુરૂષ પરણે નહીં ત્યાં સુધી અધૂરો જ ગણાય'
એનો અર્થ એ કે તે પરણે એટલે પૂરો જ થઈ જાય.

જીવનમાં આશાવાદનુ મહત્વ



ઈશ્વરે દરેક મનુષ્યને સંવેદનાની ભાવના આપી છે. સુખ બધાને ગમે છે અને દુ:ખથી સૌ ડરે છે. માણસ હમેશા પોતાના સુખની આશા રાખે છે અને એ આશા સફળ ન થાય નો તો તે દુ:ખી થાય છે.નિરાશા જીવનનાં એક સિક્કાની બે બાજુની જેમ પણાયેલા છે.

સુખની પ્રાપ્તિ અંતિમ ધ્યેય માટે મનુષ્ય પોતાની જિંદગીના કાર્યો અભ્યાસ અને નવા સાહસ માટેના પ્રયત્નો કરે છે. જીવનમાં હરેક પગલે મનુષ્યને એના પુરુષાર્થમાં સફળતા કે નિષ્ફળતાનો સામનો કરવો પડે છે. સફળતા સુખ પ્રાપ્તિના માર્ગ મા આગળ વધવાની પ્રેરણા આપે છે. પરં નિષફળતાથી મનુષ્યની હિંમત ભાંગી જાય છે અને એ નિરાશા અનુભવે છે. નિરાશાનો અનુભવ સુખથી દૂર અ દુ:ખની નજીક લઈ જાય છે અને તેથી નિષ્ફળતા મળવાને કારણે નિરાશ થવાથી સુખથી વધારે દૂર જ થવાય છે એ કારણે એ જરૂરી છે કે મનુષ્યે હંમેશા આશાવાદી થવુ જોઈ એ. કોઈ કામ માં નિષ્ફળતા મળે કે કોઈ કામ અધ હોય કે નવું હોય તો એનાથી ડરીને નિરાશ થવાને બદલે નવેસરના પ્રયત્નો સફળતા લાવશે એવો દૃઢ વિશ્વા રાખીને પ્રયત્નો કરવા જોઈએ. એ આશાવાદની લાગણી હકારાત્મક હોવાથી પ્રયત્નોમાં હંમેશા નવું જોમ પુરાય છે અને જો નિરાશા આવી જાય તો પ્રયત્નો માં જોમ રહેતું નથી એથી સફળતા મળવાની શક્યતા ઓછી થઈ જા છે.

આપણા શાસ્ત્રોમાં એથી જ ફળની ઈરછા કરવાને બહલે કર્મ પર પધારે ભાર મૂકાયો છે. નિષ્ઠાપૂર્વક કરેલુ કામઆજે નહીં તો કાલે સફળતા લાવશે જ એવી આશા રાખીને કામ કરવાથી અંને સફળતા મળે છે. આ બાબતમાં કરોળિયો મનુષ્યના ગુરુ સ્થાને બેસવાનુ ઉદાહરણ પૂરું પાડે છે. પોતાનુ જાળું બનાવતા કરોળિયો અનેક વખત જમીન પર પછડાય છે કારણ કે જાળું બનાવતાં બનાવતાં તૂટી જાય છે છતાં કરોળિયો દરેક વખત ફરી જમીન પરથી દીવાલ પર ઊંચે જઈને પોતાનું તુટેલું જાવું ફરી બનાવવા બાગી જાય છે. આમ અનેક વખત પડવા છતા કરોળિયો છેવટે પોતાના પ્રયત્નોથી પોતાનું જાળું બનાવી લે છે. એ જ રીતે આપણે પણ, નિષ્ફળતાથી ડર્યા વગર કે નિષ્ફળતાથી નસીબને દોષ દઈને નકારાત્મક વલણ અપનાવવાને બદલે સફળતા મળશે જ એવી આશા અને આત્મવિશ્વાસ સાથે પ્રયત્નોમાં લાગી જવુ જોઈએ.

ગાંધીજીએ એમના આઝાદીના આંદોલનમાં અનેક વખત નિષ્ફળતાનો સામનો કર્યો હતો અંગ્રેજો ભારત છેડીને જવા તૈયાર નહોતા. અનેક વખત અંગ્રેજોએ ગાંધીજીને જેલમાં પૂર્યા આમ છતાં અંગ્રેજો ના દમનની સામે ગાંધીજીએ પોતાની અહિંસક લડત અને સત્યાગ્રહ ચાલુ રાખ્યાં. તેથી અંગ્રેજોએ અંતે થાકીને ભારતને આઝાદી આપવી પડી ! આપણા આજના રાષ્ટ્રપતિ એક નાના ગામડામાં જનમ્યા હતા. છતાંય પોતાના આશાવાદી અને હકારાત્મક વલણથી એ આવા સ્થાને પહોંચ્યા. અનેક દેશોમાં ભારતના એલચી તરીકે રહ્યા અને છેવટે ઉપરાષ્ટ્રપતિ અને રાષ્ટ્રપતિ પણ બન્યા! આશાવાદ અને હકારાત્મક વલણનું એક જવલંત ઉદાહરણ છે ! આવા તો અનેક ઉદાહરણો છે જે આપણને આશાવાદી બનવાનું પ્રેરક બળ પૂરું પાડે છે.

— પારિન શાહ
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)

આજનો માણસ પોતાની પાસે 'જે નથી' તે મેળવવા એટલો વ્યસ્ત છે
કે પોતાની પાસે 'જે છે' તેનો આનંદ ય માણી શકતો નથી.

સંયુક્ત કુટુંબ અને વિભક્ત કુટુંબ

કુટુંબ એ સમાજનું મૂળ છે ને સમાજમાં માનવી કોઈ દિવસ એકલો નથી. ઘણાં બધાં ભેગાં મળીને સમાજ બને છે. કુટુંબો એકબીજા પરના વિશ્વાસથી ટકે છે. ભારતમાં બે પ્રકારનાં કુટુંબો છે – સંયુક્ત કુટુંબ અને વિભક્ત કુટુંબ. વિદેશોમાં તો સંયુક્ત કુટુંબો છે જ નહીં કહી શકાય છે.



સંયુક્ત કુટુંબમાં ઘણા બધા લોકો સાથે મળી ને રહેતા હોય છે. તેથી એકબીજાને મદદ કરે છે તથા માણસને એકલાપણું લાગતું નથી. વિભક્ત કુટુંબમાં આવું નથી હોતું. પોતાની બધી માણસે પોતેજ ઊકેલવી પડે છે. ઘરમાં ઘણી બધી સ્ત્રીઓ હોય તેથી કામ જલદી થાય ને છોકરાઓ પર ધ્યાન આપી શકાય. કોઈને બહાર જવું હોય તો બીજી સ્ત્રીઓ ઘરનું કામ સંભાળી લેશે અથી તે બેફિકરાઈથી જઈ શકે છે. વિભક્ત કુટુંબમાં સ્ત્રીઓ બધીજ જવાબદારી એકલીજ સંભાળતી હોય તેથી તે છોકરાઓની ઉપર ધ્યાન આપી શકે. એકલા હાથે જવાબદારી નિભાવવા તેમને નોકરોનો સહારો લેવો પડે જેથી ઘરમાં પ્રેમનો રસ ઓછો લાગે. બહાર જાય ત્યારે પણ તેઓને ઘરનું ટેન્શન રહે છે.

સંયુક્ત કુટુંબમાં બાળકોને ભણવામાં મદદ કરવા માટે ઘણા લોકો ઘરે હોય છે. વડીલોના સંસ્કાર મળે તેથી ખોટું નહી. આ પ્રેમને કારણે બાળકોનો ખૂબજ સારો વિકાસ થાય.વિભક્ત કુટુંબમાં બાળકો માટે કોઈને સમય નથી. તેઓ પ્રેમના ભૂખ્યાં હોય છે. એને ભણવામાં મદદ કરનાર કોઈન હોવાથી તેને ટયુશમનાં જવું પડે છે. જેથી પૈસાનો ખર્ચો થાય છે. વડીલો ન હોવાથી કોઈ તેઓને વધારે ટોકતું નથી જેથી ઘણી વાર છોકરાઓ બગડી જાય છે. આ કાંઇ દરેક વિભક્ત કુટુંબમાં. થાય તેવું જરૂરી નથી.

જે કુટુંબ સંયુક્ત હોય તે કુટુંબમાં પુરુષોને ધંધામાં સારું પડે છે. કામ બધામાં વહેંચાઈ જાય છે અને તેથી ચિંતા ઓછી થાય છે. વિભક્ત કુટુંબમાં બધી જવાજદારી એકજ માણસ ઉપર આવી જાય છે. ભલે નોકરો હોય, પણ નોકરો. ખૂબ જ ચિંતાને લીધે ઘણા વેપારીઓને ભયંકર બીમારીઓ પણ થાય છે અત્યારે જેટલા પણ મોટા વેપારીઓ છે તે લગભગ સંયુક્ત કુટુંબમાંથી જ આવે છે.



આ જમાનામાં લોકો સ્વાર્થી થઈ ગયા છે તેથી તેઓને તેમની દરેક વસ્તુ ખાનગી રાખવી છે. આથી સંયુક્ત કુટુંબો તૂટવા માંડ્યા છે. તેઓને લાગે છે કે જો માનવી વિભક્ત કુટુંબામાં રહે તો જ તે પોતાના પગ પર ઉભો રહીને બધી મુશ્કેલીઓનો સામનો કરી શકે એમ છે. વિદેશોમાં પણ હવે લોકોને સંયુક્ત કુટુંબનું, મહત્વ અને તેના ફાયદા સમજાયા છે.

તેથી તેઓ વિભક્ત કુટુંબો ને સંયુક્ત બનાવવા મહેનત કરે છે ને આ કારણે સમાજમાં સંયુક્ત કુટુંબોને આગળ પડતું સ્થાન મળેછે.

આમ પાંચેય આંગળાં સરખાં નહોય, તેમ બધાના વિચારો સરખા નહોય કદાય હું ખોટો પણ હાઉં, પણ મારા મતે સંયુક્ત કુટુંબ સૌથી સારું છે.

— જીમિત શાહ
(ટી.ઈ. ઈલેક્ટ્રોનિક્સ)

ચા જેમ ખાલી તેમ તે ગરમ વહેલી થાય. તમારા મિજાજમાં આવુતો નથી ને?

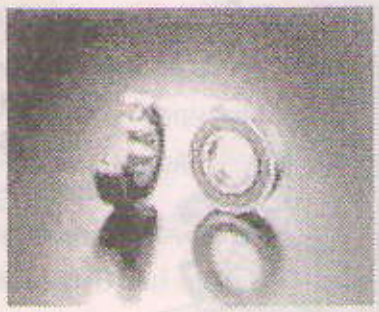
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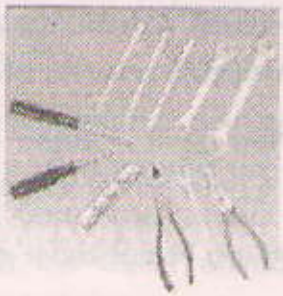
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