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A Message from the Founder

My dear young Students,

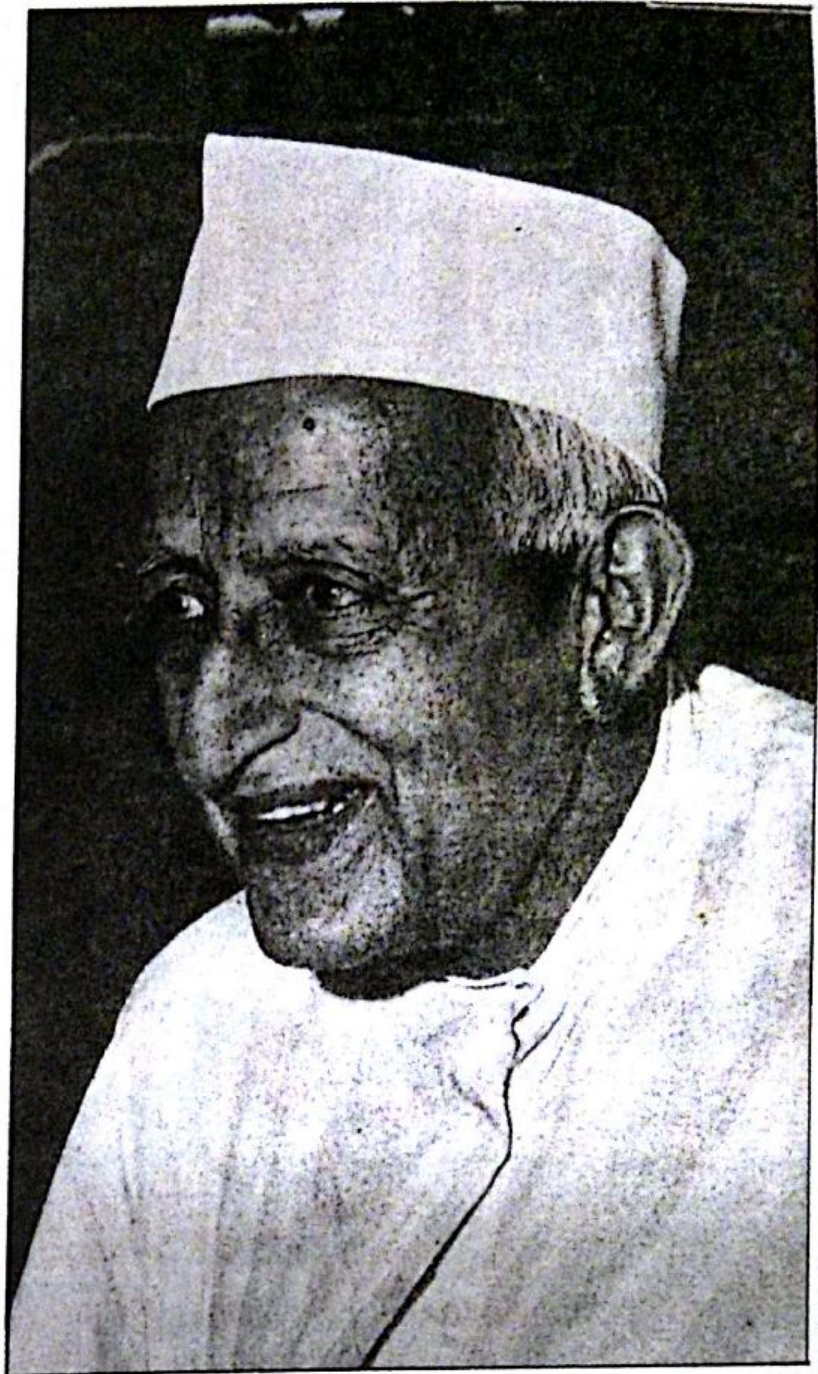
Welcome to you to the Institutions of
the Vidyavihar!

Your finest hour is here. The future
belongs to you. Let us all zealously
work together and dedicate
ourselves to build India of our
dreams.

Remember, nothing was ever
achieved without hard work. Be bold
but be not bowled over. Let Truth
and Duty be your watch words. Never
despair in the face of setbacks. Keep
Courage and continue to work with
Fortitude. Have Faith in yourselves
and in the Almighty.

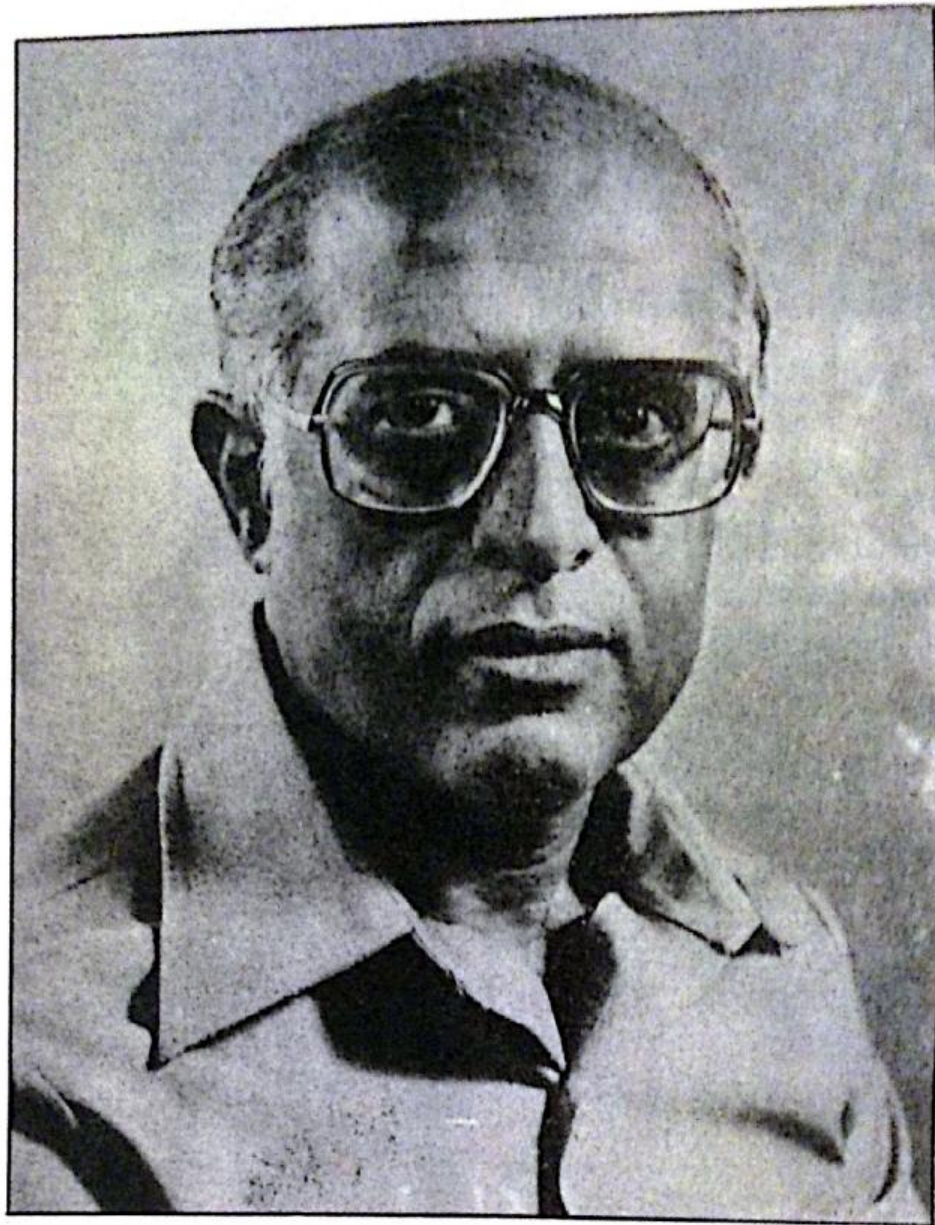
Strive for your Goals and the Future
is yours!

Karamshi J. Somaiya



With deep sense of gratituded and humble
dedication to our Founder

SHRI KARAMSHIBHAI J. SOMAIYA (CHAIRMAN)



DR. SHANTILAL K. SOMAIYA
VICE-PRESIDENT

SHRI P. M. KAVADIA
Jt. Hon. General Sec.



SHRI JAMSAHEB MUKADAM
Jt. Hon. General Sec.

EDITORIAL

And, finally, the most wanted, most awaited, much talked about, much hyped, new look KSHITIJ is out, and in your hands to do as you please. Some of the normal uses of KSHITIJ are : a fly swatter, make-do fan, paper rockets by some self proclaimed Aeronautical engineers, and for oily tiffins. Sometimes though, students keep the mag. as a memento of yet another year in KJSCE.

We on the editorial team are really grateful for the overwhelming response to our request for written suggestions for changes. We publicly thank the people who responded. Thanx Rashni & Kundan! All their suggestions were taken cognizance of.

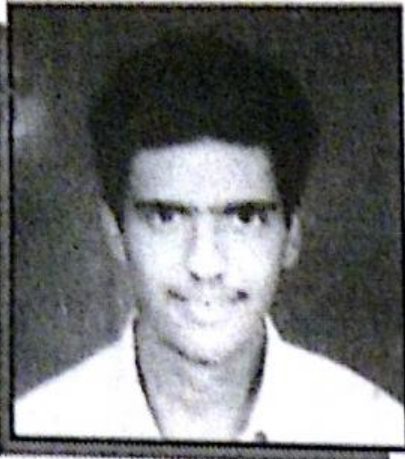
We toyed with the idea of asking Murali to write an article for this issue, but had to drop it. We realised that the cost of printing half a dictionary alongside his article for some of his tougher words would not be feasible. The easier stuff would probably read, "Eulogized and venerated adulation", etc.

We've done something different this time : using Systematized Logistical Options and Total Transitional Control, we achieved Responsive Management Capability & got this mag. out in time. (Refer Kshitij vol. III). "No matter how well you do something, there are gonna be critics." Keeping this in mind, we've done the best we could, given the resources & the co-operation (??) of our Sisters and Brothers.

We had quite a few seniors saying that no one could beat the feat performed by last year's english editor. ("He got his name in 9 times", they said.) Well guys, just to show you that nothing's impossible, here goes : Lyndon Cerejo, Lyndon Cerejo, Lyndon Cerejo....(keep on counting as you proceed!)

The fashion show snaps of Symphony '93, that we got to ogle at, were seized from the printers by the Cee Bee Eye. So much for Freedom of the Press!
-LYNDON CEREJO

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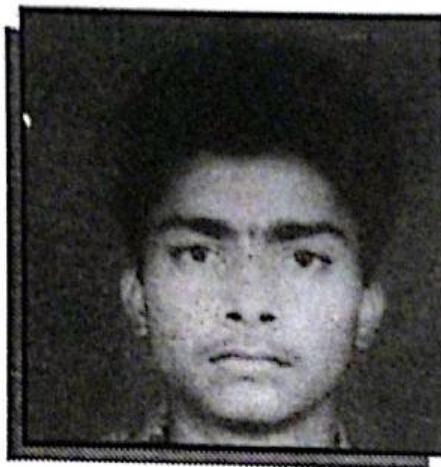
Prashant Peres
*"yesterday all my troubles
seemed so far away"*



Narendra Ghate
"Jo jeeta Wohi Narendar"



Amit Chavre
"Imagine there're no authors"



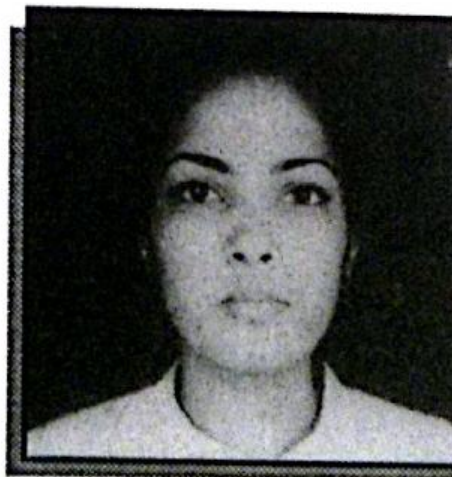
Mahesh Srinivasan
*Left out of Indian squad to Sri
Lanka cause of quota system*



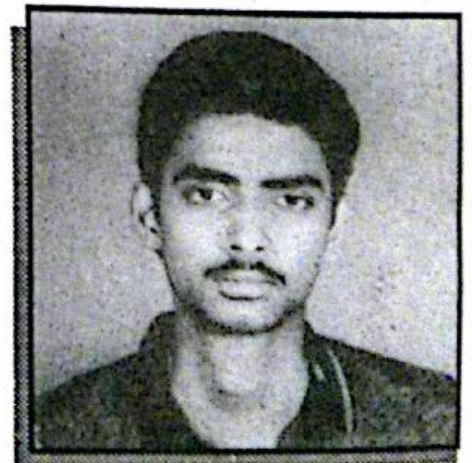
Avinash Halder
*In the very first game, he was
booked Result : sent off the field*



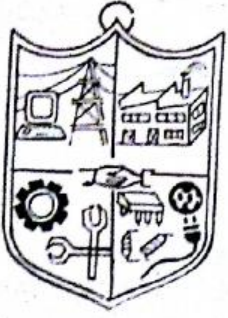
Sandeep Shah
On your marks...get set...go!



Hemangi Shah
Gals! Gals!! Gals!!!



Anway Mardikar
*Let me tell u how it's gonna be
there's one for u, nineteen for me*



KSHITIJ (92-93)
K. J. SOMAIYA COLLEGE OF ENGINEERING

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PRINCIPAL'S REPORT 1992-93

(DR. S.S. PADHYE)

K. J. SOMAIYA COLLEGE OF ENGINEERING,
VIDYAVIHAR, BOMBAY-400 077



The College was started in September, 1983, as a non-aided Institution sanctioned by the Government of Maharashtra and affiliated to the University of Bombay. The College has practically overcome all the problems which normally all the institutions have to face. And now it is a full fledged college.

I am very happy to inform you that we have received recognition from A.I. C. T. E. this year.

At present the college imparts instructions in the three branches of (i) Electronics Engineering (ii) Production Engineering and (iii) Machine Tool Engineering with an intake of 90, 60 and 30 respectively. We are trying to change Machine Tool Engineering to Mechanical Engineering. In addition to the present courses we are trying to introduce Computer Engineering and Electronics and Telecommunication.

Infrastructure-Building

The Building of the college consists of the Main building of ground plus three floors, and a workshop building. The workshop building with Machine shop, Carpentry, Fitting Shops and heat engines and Hydraulic laboratories has a total area of 1800 sq. ft. The ground floor of the main building contains all the common facilities like Library, Recreation hall, Canteen, Badminton hall and Auditorium. There are 16 lecture halls, 19 laboratories and 4 Drawing halls and one Seminar hall spread over first, second and third floor. The total carpet area of the Main building is about 12500 sq. m.

Computer Centre

There are totally 36 computers. We have a special computer laboratory on the 1st floor. We have the following modern equipment: AT-386 with five terminals. (works under UNIX), Four 'XT' with colour monitors, two plotters and remaining 'AT's' and 'XT's'.

Faculty

The college has already recruited more than 55 qualified full time teachers in various fields, but in order to provide the students with the benefit of Industrial teaching research experience, highly qualified visiting faculty from Industries and teaching institutions is also employed for senior classes. 35 members have received confirmation from the University.

The performance of our students at the Final year examination has been commendable and many students who passed out from this college have secured high ranks.

Equipment

The college has adequate facilities for training of the students, and the laboratories are provided with equipment as required under the A. I. C. T. E. approved model list.

Library

The college library at present contains more than 900 books for lending and reference. It has about 36+30 foreign and Indian journals.

Our librarian Mrs. Leena Vyas, has successfully completed M. Lib. course and secured first class. With her efforts we are trying to computerise the library.

Placement

Campus interviews inside and outside are arranged for students placement and training-Companies like Godrej, Mukund Iron, Bharat Bijlee.... employ our students regularly.

Future Scenerio

Vidyavihar Campus has plans to expand its activities in the area of extension of degree courses like Mechanical, Computer, Electronics and Telecommunication, Architecture and also to establish Post graduate courses in Engineering. An independent computer centre may be set-up this year.

The first year classes started in July with the Principal's address.

Admission position-July 1992-93

Courses	Seats	Maximum	Minimum	Maximum SC/ST/DTNT	Minimum SC/ST/DTNT
Electronics	90	286	276	240/179/180	202/190/180
Production	60	283	270	195/-/-	153/-/-
M/c. Tools	30	275	269	194/-/-	151/-/-

The Teaching staff position was also improved considerably as on 31-3-1993.

Department	Prof.	Asstt. Prof.	Lecturer	Instructors Lab. Asstt./ Foreman	Lab. Attnds Hamal	Registrar O.S/Jr. Sr. Clerk and others
Electronics	02	03	19	09	06	-
Prod.M. Tools	01	07	16	18	09	-
H. S. S.	-	-	07	02	01	-
Administration	-	-	-	-	17	16

Our Final Year results which were declared in May/July 1992, have been very good.

Electronics	80.19%
Production	84.13%
Machine Tools	75%

I would like to thank all the members of the staff without whose help things would not have taken shape as they are to-day.

The total No. Of Students during 1992-93

Electronics	471
Production	299
Machine Tools	154
Total	924

Students' Association, EESA, APES, AMTES started their activities from the beginning and have planned Technical lectures, Quiz contests, Elections, Cultural activities like Freshies Evening, Socials etc. The Marathi Vangmaya Mandal is also actively organising some programmes.

Our Students participated in many Inter Collegiate sports and Cultural activities. I would like to mention the good performance shown by the following students:

- 1) Bro. Walter Menezes - (1) Elocution Competition (English)
(2) Western Vocal Music
- 2) Bro. Atul Sethi - Hindi Elocution Competition
- 3) Bro. Shivmani Tripathi - do-

Students participated in almost all the Youth Festivals organised by different colleges and won

many prizes. Our college organised Symphony -A Youth Festival for professional colleges which was a grand success. I appreciated the Work done by G. S. Prashant Peres, Bro. Mardikar, Bro. Atul Sethi and others.

SEMINAR ON ISO 9000 QUALITY SYSTEMS

A 3-day Seminar (Feb 8 to Feb 10) was organized in collaboration with the Directorate of Technical Education, Maharashtra. Attended by 34 participants from the Industry. 51 from Engineering Colleges and 20 from the Somaiya group of Companies and Colleges, the Seminar deliberated on various issues of interest such as 'Q' System ISO: 9001, Documentation requirements and training and the trainer implementation in industry and academics.

Dr. V. N. Gupchup, Pro Vice-Chancellor of the University of Bombay inaugurated the Seminar and Shri E. J. Kalvachia, Vice-President, M/s Godrej & Boyce Mfg. Co. Ltd, delivered the key-note address. Shri M. R. Wasekar, Dy. Director, Directorate of Technical Education, Maharashtra was the Chief Guest of the Occasion.

Dr. S. K. Somaiya welcoming the gathering said "In today's competitive and international market place, quality is synonymous with not just product quality but cost delivery and service."

Shri Kalvachia pointed out that the Quality

Management Systems would improve industry's competitiveness and reputation both at home and abroad. This would provide an efficient and economical means of ensuring the satisfaction of customers' requirements through all stages guaranteeing good design, reliable and safe performance, prompt delivery and efficient service. It will enhance customer confidence and credibility of organization.

Dr. Gupchup said that "the ISO 9000 Quality System is aimed at giving confidence to the purchaser, the customer and the management and allows continuous improvement in product development."

He complimented the Somaiya Management for holding this type of Seminar, and said that it will definitely make an impact on the industry and training of the personnel.

Shri Puj. Karamshibhai J. Somaiya, Shri. Sameer Somaiya and Shri. P.M. Kavadia were present on the occasion. Dr. S. S. Padhye, Principal K. J. S. C. E. proposed the vote of thanks after summarising the various points raised by the speakers.

Active participation among those who attended the seminar generated a valuable exchange of ideas. Prof. H. C. Patel from N. C. Q. M. and Dr. S. Krishnamoorthy from the I.I.I. Cell of the V. J. T. I. guided the workshop. Principal M. T. Gabhe addressed the concluding session, in place of Shri J. D. Jadhav, Secretary, Technical Education Dept. who could not attend the meeting.

Prof. Arun Ghosh, Educational Adviser, Somaiya Vidyavihar and Dr. Munshi Srinivas. Head of the Dept. of Prod./ M. Tool Engg. of the College gave a summing-up of the proceedings of the three-day seminar.

A.I.C.T. E. Committee visits College.

A committee comprising Prof. B. B. Chopane. Director of Tech. Education, Shri. N. Mohandas, Asstt. Education Advisor (Tech), A. I. C. T. E., Dr. B. S. Bhat, Principal and Secretary of the V.J.T. I (Vice Chancellor's nominee) Shri. V. P. Sahasrabuddhe (also a Vice Chancellor's nominee) and four others visited the college vis-a vis the request for permission to change over from Machine Tool Engg. to Mechanical Engg. The committee expressed satisfaction with the overall improvement of facilities in the college and has reacted favourably to the request. While the final letter is awaited, the change will be granted with reallotment of seats of 60 each in Electronics/ Production and Mechanical

Engineering without altering the present intake of 180 seats.

Another team of experts comprising Dr. S. D. Bhagwat (D. T. E.'s nominee) and Prof. M. P. Bhawe (H. O. D. Computer Dept. V. J. T. I. and University nominee) visited the College on 3rd March 1993 to consider the allotment of 120 additional seats for new courses, Computer Engineering, and Telecommunication Engineering proposed to start from the next academic year. It is understood that the committee was very happy with the Computer facilities. However it has recommended only 60 seats in Computer Engineering to the Government of Maharashtra from 1993-94. A concurrent visit of A. I. C. T. E. Committee is expected to follow soon.

On 7th June we organised jointly with BOSLA, a library science software Demonstration cum Exhibition. Dr. S. Ramani, Director of N. C. S. T. inaugurated the function. Shri Sameer Somaiya also attended the function and took keen interest in the exhibition. Dr. S. R. Ganpule, Chairman of BOSLA took much pains to organise this demonstration. Mrs. Leena Vyas equally helped to organise the programme. Around 8-10 Vendors from different place like Bombay, Pune, Nasik put up their stalls and demonstrated the library Software programme to visitors mostly from different colleges and industries.

It is said that behind every organisation there is a man, so also behind Somaiya Vidyavihar's origin and growth is the saintly Shriman K. J. Somaiya, the founder with foresight along with the dynamic and widely travelled Dr. S. K. Somaiya, the Vice president of Somaiya Vidyavihar. And now with Sameer Somaiya taking keen interest in Somaiya Vidyavihar, it is really creditable that three generations are taking keen interest.

I must also acknowledge the untiring efforts of Shri P.M. Kavadia and Shri Jamsaheb Mukadam, Hon. Jt. Secretaries of Somaiya Vidyavihar whose guidance has been a constant source of inspiration.

I will be failing in my duty if I do not thank the Teaching, Non-teaching and Administrative staff for their sincere efforts and kind help in running the day-to-day affairs of the college. I also thank all the heads of the department namely Prof. G. K. Sashte (Head of Electronics and Vice-Principal), Dr. Munshi Srinivas (Head of Production and Machine Tools) and Dr. A. K. Choudhary (Head of H. S. S.) for their Co-operation throughout the year.

K. J. SOMAIYA COLLEGE OF ENGINEERING

DEPARTMENT PROGRESS REPORT

(ELECTRONICS ENGINEERING)

The current Academic Year started in the month of July, 1992. The year started on a good note by the conduction of the proposed 'COMPUTER AIDED DESIGN' course by Prof. S. P. Jain.

The laboratory development programme is being pursued intensively. The target of thirty PC's/XT/AT proposed last year for the current year was achieved at the beginning of this year. Thus the Computer Centre stands reasonably equipped with computers flanked by fourteen 132 column printers and a plotter. The microprocessor lab. was reinforced with 10 nos. of 8086 based kits, 10 nos. of 8031 based training kits and two PROM programers and erasers. For the Integrated Ckts. Lab. we have secured 20 digital IC trainers and 8 analog IC's trainers and 8 Automatic IC testers. By the end of the current academic year the much sought after, Electrical Engineering Lab. will be equipped with 5 motor-generator sets. The Communication Engineering Lab. plans to have Microwave Engineering set-up for measurements by using discrete components and Fibre Optical trainer kit.

Dr. K. D. Patil joined as a Asstt. Professor in the department during the current year.

In counting with our tradition of encouraging faculty members to improve their qualifications, Mr. R. G. Karandikar and Mr. S. S. Halbe were sponsored for their Master's Degree in Electrical and Electronics Engineering respectively at V.J.T.I., Bombay 400019. Mrs. R. A. Deshpande was sponsored for part-time M.E. (Electronics) programme at Walchand College of Engineering, Sangli. As a part of continuing education programme for staff members the faculty members were sponsored for various technical seminars as follows:-

Mr. S. S. Halbe, Mr. S. C. Seth, Mr. S. Murugan and Mr. Patkar attended a seminar on 'ARTIFICIAL INTELLIGENCE' at N.C.S.T., Bombay.

Mr. S. C. Seth and Mr. Patkar attended a seminar on CAD/CAM at V.J.T.I., Bombay 400019.

Mrs. Arati Phadke attended a seminar on 'BIOMEDICAL INSTRUMENTATION' at I.I.T., Bombay.

Prof. U. P. Chhatre and Mr. S. S. Halbe attended seminars at 'VISITEX'.

Mr. S. S. Halbe and Mr. K. K. Gupta have been sponsored for winter school in 'TELEMATICS' at I.I.T., Bombay.

Mr. P. Y. Nageshkar has been sponsored for seminar on 'LAN' at S.B.M. Polytechnic, Bombay.

Mr. S. Murugan, Mrs. Lekhadass, Mr. U. B. Joshi, Mrs. Phadke and Miss. S. P. Kulkarni were sponsored by college for CAD course conducted in the college itself.

An Industrial visit was conducted to GNEL, Baroda for the students by E.E.S.A. under guidance of Mr. Patkar and Mr. S. S. Halbe.

The results of B.E. (Electronics) was very encouraging. In the examinations for the academic year 1991-92 Mr. Sameer Merchant stood first in the college and ranked 8th in the University. The performance of the students at 'GATE' conducted by I.I.T. was also good and six students secured a score of above '90' percent.

Our target for the following academic year is the development of Microwave Engineering, Electrical Engineering, Power Electronics Lab. and Project Lab.

**K. J. SOMAIYA COLLEGE OF ENGINEERING
VIDYAVIHAR, BOMBAY 77.**

Department of Prod./Machine Tools

CALENDAR OF EVENTS

The year 1992 has been an eventful one with a series of changes aimed at improvement of laboratory facilities and recruitment of faculty. Given below is a short resume of the same.

I. Recruitment / Resignation of Staff / Appointments

Recruitment

- (a) Professor Level : Shri S. P. Jain
 (b) Asstt. Professor Level : Dr. K. K. Sudevan
 (c) Lecturer Level : Shri C. P. Narayan
 Shri M. R. Nagare, Shri Seshagiri Rao, Shri P. S. Yelapale, Shri V. M. Khaparde, Shri Velapure (Lab. Asstt.), Shri More (-,-), Shri J. R. Joshi(-,-)

Resignation

Prof. S. P. Jain and Shri Velapure (Lab. Asstt.) left the institution after 1st Semester for better prospects in Nov. 1992.

Shri K. R. Hemraj one of the lecturers also left in July 1992.

Appointment

Dr. Munshi Srinivas took over as Head of Department (Prod./Machine Tools) from February 1992.

II. Paper Publication/Presentation :

- (1) Dr. K. K. Sudevan -
 (a) 'Performance investigations on reversible axial flow fans' (Paper presentation, National Conference, I.I.T. Bombay 3/5 December 1992)
 (b) 'Updating the technical & commercial evaluation of pumps by incorporating reliability analysis' (Paper presented at National Conference at I.I.T. Bombay 3/5 Dec. 1992)
 (c) "Effect of inlet guide vanes on the head and stable operating range of axial flow pumps, fans and compressors." (Publication, Proceedings of conference at NAL Bangalore in Dec. 1992)
 (d) Ph. D. Thesis on "Investigators on the performance of reversible axial flow turbo machines". Accepted Ph. D. degree awarded in Oct. 1992.
- (2) Prof. B. M. Pradhan -
 "Industrial Training Guidelines for effective observations" (Journal of Engg. Education, Oct. 1992)
- (3) Shri G. R. Asawa - "Decision Adjusting system for technical institutions" Industrial Engg. Journal, August 1992.
- (4) Shri C. P. Narayan -
 "Study of the F- Materialistic transformation volume change in Ti-AL-Y Alloys, Journal of materials Science and Engg., "USA (Feb. 1992)

Lecture Presentation :

- (1) Prof. B. M. Pradhan - "Industry Institute Integration".
 (Institution of Engineers, Maharashtra Centre Feb. 1992)
- (2) Dr. K. K. Sudevan - Lecture on "Selection of pumps for water supply thermal power and industrial projects".
 (part of continuing of education programme, I.I.T. Bombay in Nov. 1992)

Deputation to various short term courses:

- (1) Shri Seshagiri Rao and Shri V. M. Khaparde deputed to attend short course on "Teaching techniques in Engg. Drg." to M. H. Saboo Siddique College of Engg., Byculla (26/6/92 to 7/7/92)
- (2) Shri A. K. Gangrade deputed to Summer School on "Teaching Techniques in Engg. Drg." at S. E. M. Polytechnic, Bombay from 18/5/92 to 6/6/92)
- (3) Shri K. Sridharan deputed to Seminar on ISO 9000 at Hotel President in Sept. 1992.

Industrial Visit :

- (1) Visit to Matunga Railway Workshop in July 1992 (T.E. Prod.)
- (2) Visit to C. P. Tools, Mulund in Aug. 1992 (T.E. Prod.)
- (3) Visit to Bombay Forgings, Kalina in Oct. 1992 (S.E. Prod./Machine Tools)
- (4) Visit to Premier Automobiles, Kurla in Oct. 1992 (T.E. Prod./Machine Tool)

Short term courses conducted :

A short term course on "Computer aided Design" was conducted over a period of about 1 month (August 1992). It was conducted by Prof. S. P. Jain and the participants included Shri V. L. Lazarbabu Shri P. P. Premchandran, Shri K. Sridharan, Shri K. K. Satheesh, Shri M. D. Nadar (Prod./Machine Tools)

Visiting Faculty :

The following were invited for guest lectures as visiting faculty.

Prof. M. B. Shah (V.J.T.I.)	- Machine Tool Design
Prof. N. R. Pathak (V.J.T.I.)	- Dynamics of Machinery
Prof. H. S. Srinivas (V.J.T.I.)	- Machine Tool Design
Shri V. R. Gawal (U.D.C.T.)	- Mould Farming Theory
Shri Wartikar (M & M Ltd)	- Process Engineering
Prof R. Chandran	- Sales & Marketing

★★★★

The General Secretary

As grilled by Kundan Saran



Prashant Peres became G. S. a year back, much to everybody's joy. His cheerfulness and friendliness has endeared him to one and all. Let's speak to the college G. S. and discover the person within.

Q. On becoming G. S. what were the challenges confronting you?

A. To fit all extra-curricular activities into the shortened time schedule as the semester had been shortened. Symphony 92, having been cancelled, the 93 edition was of tremendous importance to me. To promote understanding & co-operation between various associations.

Q. How responsive have the students, at large been to your programmes and plans?

A. It's been the students themselves who have been largely responsible for the success of Symphony-93, Freshie's eve Annual Social. I would like to make a special mention of the students council and A.P.E.S., E.E.S.A. A.M.T.E.S.

Q. Have you made any discoveries as a G.S.?

A. Lots of talented artists as well as our public speaking team has brought glory to Somaiya on a number of occasions. The team which has participated in HASH & VISUAL IMPACT has also done great.

Q. What were the obstacles you faced in implementing the various programmes in Somaiya college?

A. Paucity of time, especially due to riots, Sponsorships were a big problem. for Symphony. Otherwise, the Principal, Dr. S. S. Padhye, Mrs. Kumthekar & the teaching faculty have been extremely co-operative & without their support, nothing would be possible.

Q. As engineers, how do you think we can contribute or even solve the numerous problems facing the society & the country at large.?

A. Politics, especially of the Indian brand, has led us to the brink. Engineers should forget about religio political problems & confront economic problems with their inherent abilities & acquired entrepreneurial skills. I also strongly feel that the environmental problem will top the world agenda very soon. Thus, we as engineers have the biggest role to play.

Q. What is your opinion about terms such as 'destiny' 'luck'? What do you think of God?

A. I believe they all exist specially God. But they are universally related to hardwork, meaning the more you work the less you depend on them.

Q. As a G.S. what is your parting advice to us?

A. If you have the inclination the time & the talent, find something better to do. Don't become a G.S.

E. E. S. A. REPORT

The Electronic Engineering Students Association (E. E. S. A) was founded in 1987 and its objectives are

- (1) To make its members aware of the changing scenario in the field of Electronics and its allied industries.
- (2) To generate interest among the students towards the subject

This year too, E. E. S. A. has been very active. The active members of E.E. S. A. from S. E. organised a group discussion which was open to all students.

The Association has also organised classes for its members in 'Unix and C' which has proved to be very beneficial.

In order to enable students to be familiar with the industry and its working, EESA had organised an industrial visit to SEEPZ, Andheri during which the students visited two units.

The EESA magazine 'Periscope' was distributed to the students after a gap of 2

years. The magazine has proved to be an excellent medium for students to display their creative talent and at the same time help them to keep abreast of the latest developments in technology. The annual festival 'Electrofiesta' was organised on 29th and 30th of January 1993.)

We are very thankful to Prof. G. K. Shaste under whose chairmanship EESA has sailed through 1992-93 with flying colours. We are also very thankful to the students of KJSCE for their support and good wishes

Office bearers of EESA

Dr. S. S. Padhye-	President
Prof. G. K. Shaste-	Chairman
Manoj V. Seth-	Treasurer
Rajan Parolkar	Jt. Secretaries
Savio George-	"
Tejas Oza	"
Halim M.	"
Anup V.	Act. Member
Vinayak P-	"

A. P. E. S. REPORT

A Production Engineer is defined as the one, who is competent by reason of education, training and experience, in technology and management

With this objective in mind, we started off the year's activities with a seminar for the first and second year students, to give them an insight into Production engg. and

the future of this branch. The day chosen was 2nd Sept. the foundation day of 'The APES' and the guest speakers were two of the founder members of the APES, Mr. Ramaswamy Krishnan and Mr. Mahendra Sane.

The APES activities did not stop at this point. Bulletins were brought out and

Industrial visits to Bombay Forgings and CP tools for SE and TE students, were organised.

"Whats the Better word?" has now become an annual legacy of the APES. The APES went hand in hand with EESA and organised 'The Quiz' in Electrofiesta Both these were well received by students.

A Seminar on Future Studies Abroad was jointly organised by the APES, along with AMTES and EESA.

It must be remembered that the APES would not exist without your active

participation and the hard work put in by the committee members. We would like to thank our Honourable President, Principal S.S. Padhye and our beloved chairman and HOD. Dr. Munshi Srinivas, and the staff of our college, for their selfless co-operation and support.

All this and a lot more depends on you. We look forward to you suggestions, criticism and whole hearted co-operation, as we march forward.

In SEARCH of Excellence.



A. M. T. E. S REPORT

This association was founded nearly 4 years back with the object of enhancing the knowledge of the Machine Tool Student beyond the books, as also to create interest in extra curricular activities among the students.

Towards this end, AMTES has been organising a number of seminars, Lectures debates and so on, most among them being the seminar on 'Entrepreneurship' (1990), which was inaugurated by the finance minister, Mr. Ramrao Adik. A lecture by Dr. Ramakrishna of I. I. T, Bombay on the prospects of Machine Tools, as also the spot debate in 1992 and the recent Fest-O- Mania festival.

The Wallpaper of A. M. T. E. S 'Edges' has also been exhaustively used for displaying matter on both Technical as well as non technical subjects.

It has also been a constant endeavour of AMTES to promote inter faculty co-operation & the outstanding work done by A. M. T. E. S. members during the college festival 'Symphony' which was a roaring success-amply exhibited this.

Finally A. M. T. E. S. wishes to thank the Principal, Prof. S. S. Padhye & Mrs. Kumthekar as also the entire teaching faculty for their constant effort in moulding us as the Future engineers of a greater India Let's do it!



ACHIEVERS

Javelin	Ajay Patel	TE ETX
4 x 100m Relay	(1) Amit Chavre, (2) Nirav Valia, (3) Ganesh Tawde, (4) Prasad Gurav	SE ETX
Shot Put	Sudhir Shankar	TE Prod
Discus Throw	Mahesh P.	
Long Jump	Ganesh Tawde	SE ETX
High Jump	Ajay Patel	TE ETX
1500m	Vimlesh Pujari	
5000m	Avinash Haldar	TE Prod
800m	Ganesh Tawde	SE ETX
400m	Rahul Palkar	TE M/T
200m	Sharad Taparia	TE Prod
100m	S. Gopkumar	FE C
110m	Rajan Parolkar	TE ETX
hurdles	Nirav Valia	SE ETX
Chess	Manoj Seth	TE ETX
Cricket	Electronics	
Carrrom Singles	Prashant Naik	BE ETX
Doubles	Prashant Naik & Milind Sawant	BE ETX



K. J. SOMAIYA COLLEGE OF ENGINEERING

B. E. (SEM. VIII) ELECTRONICS/ PRODUCTION/ MACHINE TOOL ENGG. RESULTS-MAY/JUNE 1992

Course	Appeared	I st Class Dist'n	I st Class	II nd Class (Hons.)	Pass	Percentage	Remarks
Electronics	101	01	35	30	15	80.19	
Production	51	-	06	33	04	84.13	
M/c Tool	32	-	09	11	04	75.00	

MERIT

HOLDERS:

College Merit:	(A) Electronics:	(1) Merchant Sameer D.	Ist Class, 8th in Univ. Out of 1000 students appeared
		(2) Raut Nitin N.	Ist Class, 17th in Univ. -do-
		(3) Velenkar Girija	Ist Class, 19th in Univ. -do:-
	(B) Production:	(1) Butala Ashutosh	Ist Class & 15th in Uni. Out of 200 students appeared.
		(2) Aradkar Sal il	Ist Class
		(3) Kapadia Mamta	Ist Class

AN ODE TO THE BIG BROTHER

They will be leaving college very soon. But I'm sure, the joy is diluted with a pinch of sadness. And why not. After all they've all left some footprints on the sands of time, some not. Apt To Keep Track of, some truly worth cherishing. Let retrace these foot prints with some of them.

AMOD THATTE

The teacher's pet, the 'YES' man, the friend's friend. Never before has a class been as united as Amod's class. He has definitely played an important role in arranging lectures by visiting faculty, organizing I.V's, Seminars. He has always thought about the collective benefit of his class, of the college at large, In this age of one upmanship how many people think of being considerate as he does?

ATUL SETHI

Festivals & Competitions are the essential ingredients to a wholesome college life. Nobody will vouch for it, more than Atul. He's been through a number of them, not as a spectator, but as a winner. Nothing succeeds like success and he'll definitely miss this college which has given him numerous opportunities to taste success.

ANANTHA (& the BE prod.)

In India, there's a popular saying which goes this way, 'Ten steps up-the ladder and ten people to pull you twenty steps down.' Well here's a class (and there's forty of them) which might usher in a new era of teamwork, something India needs desperately. They put up their skits at four festivals and each time, they won- the college won. They're lively and witty and let's hope their winning streak runs into their post-B. E. lives.

SHANKAR GHOSH

Shankar and melody get along rather well. He enjoys singing and people enjoy hearing

him (Remember 'Ladki') Nonetheless, melodious as he may be he still remains soft spoken and self-effacing. Let's hope, the singer in him remains alive and humming.

WALTER MENEZES

Yes sir! Apro walter. The ragster. The philanderer. The singer. The treasurer. The friend. We have seen it all with Walter Like his peers, Walter too has been an achiever par excellence But more than anything else, its the friend within him who counts.

May the friend live long!.....

The list continues, but the allotted magazine space restricts me from continuing. Nonetheless, our hearts go out to one and all farewell, big brother, cheerio. An revoir!

1) Once Rajesh broke ice with an old man

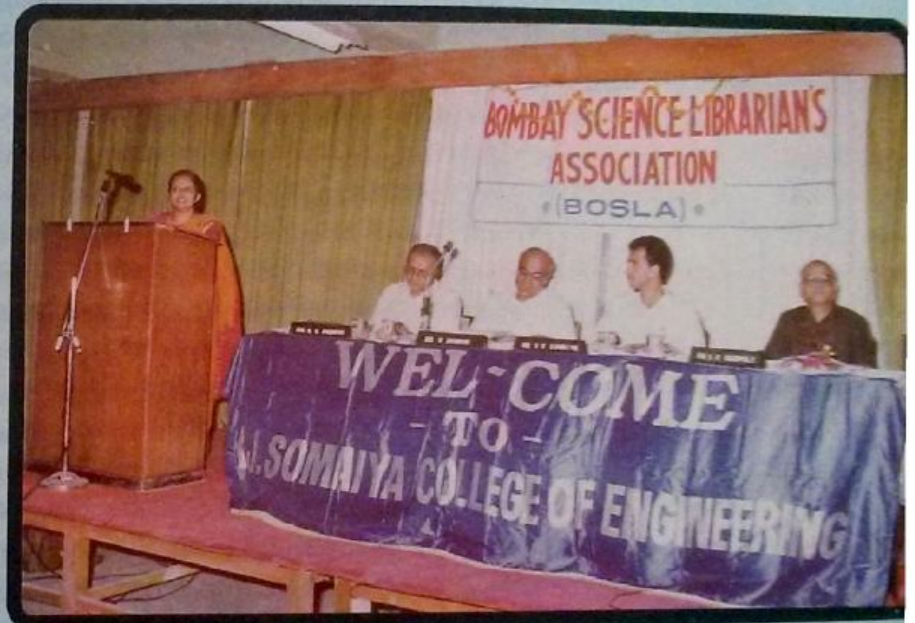
Old man: "When I was 18 years old, I wasn't feeling physically fit, so I consulted a doctor. The doctor advised me to take two bottles of whiskey every morning before breakfast, five packets of cigarettes daily and 10 grams of brown sugar every evening"

Rajesh: So you must have really enjoyed your life. How old are you?

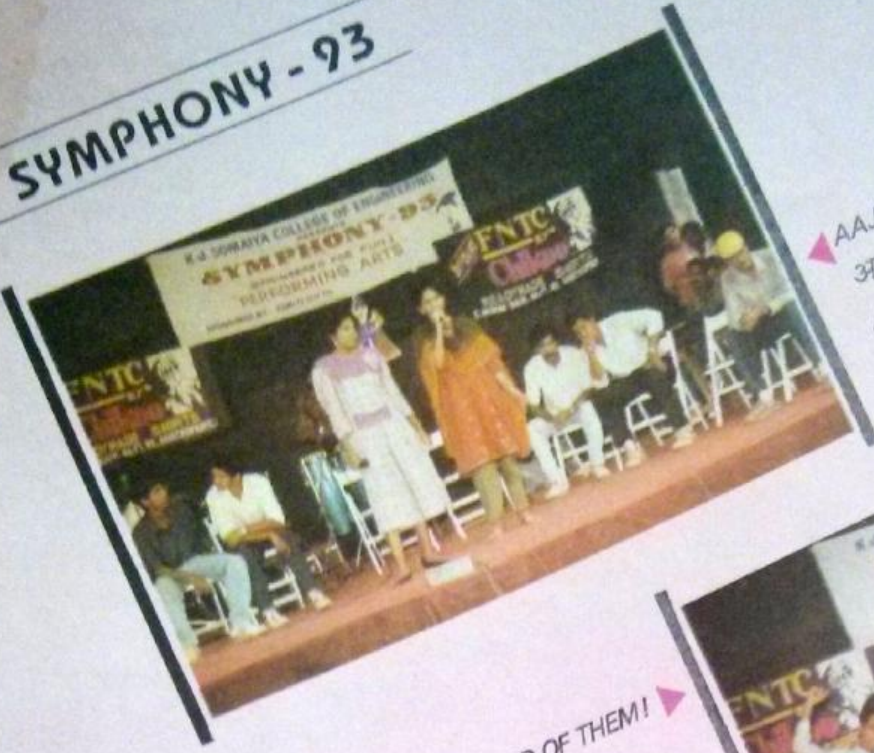
Old man: "20".

2) After taking a new job away from home a young husband wrote to his wife "I've been made foreman. A feather in my cap". Then later "I am now an assistant manager. Another feather in my cap". Not long after that came a wire. "Am fired, send money for train fare." She wired back "Use feathers fly home."

SEMINAR
ON
ISO
9000

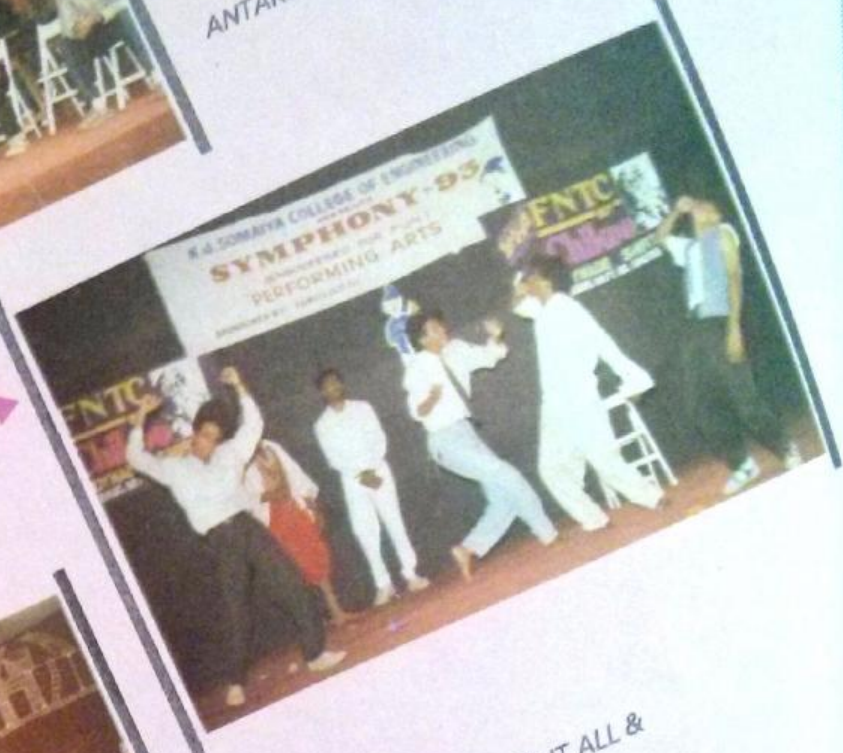


SYMPHONY - 93



AAJ PHIR JEETANE KI TAMANNA HAI
आज फिर जितने की तमना है
ANTAKSHARI (अंताक्षरी)

BE PROUD OF THEM!



FOR THE PERSON HAVING IT ALL &
PERSONALITY CONTEST



SUPPER MODELS ON THE CATWALK
THE FASHION SHOW



THE SURVEY

-BY THE KSHITIJ TEAM

Our Thanks To Kundan, Rashmi, Mansi, Subramaniam for helping & to Shankar for not helping
(Brendon, Amlt & Lyndon)

Earlier on during this academic year, a survey was conducted among the students of Somaiya Engg. to discover certain trends in their feeling and thoughts on some relevant subjects. The following text gives us a brief insight into their thinking and constitutes sufficient food for thought for one and all.

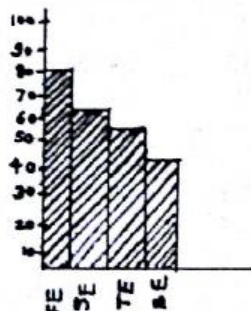
Q.1 Why did you choose Engineering ?

In response to this question, contrary to popular opinion, almost 80% of the people right across the four grades viz. F.E to B.E have chosen in accordance with their own interest. No extraneous influences us, no parental problems.

Q.2 What made you join K.J.S.C.E ?

Almost 30% kept this college first ;on their list. But the majority i.e 48%were brought here more by their precentages, than by anything else.

Q.3. Are you satisfied with your college & branch Here is a tabulation of those who said yes:

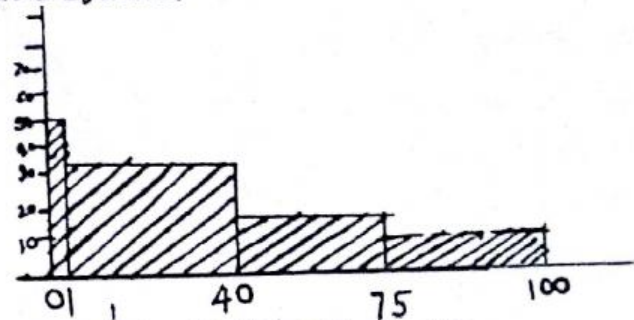


Q.4 Do you feel disillusioned anytime ?

The following graph gives an indication of what we called 'satisfaction levels' among students as they traverse thru their academic years.

Why such an adverse response ?

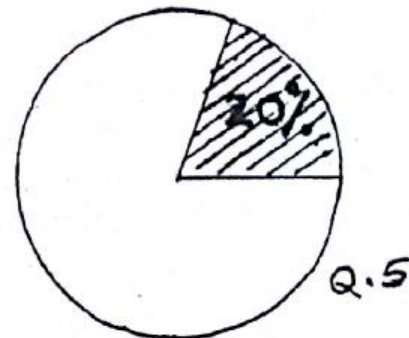
Any guesses ?



Q.5 After K.J.S.C.E, what ?

We decided to judge people on a single point basis. Are they attracted most by money or by something else ?

Here is what we found



'THOSE FOR MONEY'

Q.6 Besides the time spent in labs you spend most of your time in....

Even though we included the canteen in the list of options we expected it to be the lowest on the minds of the students.

Thus, the classroom & the library are the pretty well visited areas.

About 16.66% are the 'Libraryvallas'. About 20% are the 'classvallas.'

Q.7 Why do you bunk lectures ?

This question was the most interesting. We narrowed down the tabulation to only 2 reasons- journal work & the bad presentation. Almost 30% of the students in the S. E., T. E and B.E. gave the latter as their reason- However, F.E Students seem to be greatly overburdened by their journal work.

Q.8 How long before your exams do you start studying?

This was where people fibbed the most. However, indications were that 'the last minute study' habit increased in direct proportion to the year of the student.

Q.9 How do you do your Journal work?

The percentage of copyrats in the 4 grades are:

F.E	S.E	T.E	B.E
33%	23	30	19

Q.10 Rate our college on a scale of 1 to 10.

Let the figures speak

	0-4	4-6	6-8	8-10
F.E.	28%	32%	35%	5%
S.E.	27%	43%	25%	4.5%
T.E.	31%	50%	19%	0
B.E.	24%	40%	26%	10%

What they say about The Indian Cricket team

- 1) Amitabh Bachchan - It was supposed to be a Toofan but became a Lawwaris.
- 2) Amir Khan - Jo Haara Wohi Sikandar.
- 3) L. K. Advani - They should be locked in Mandir.
- 4) Saddam Hussein - They lost fighting a holy jihad against the terrible tyrants in a mother of all battles.
- 5) Shobha De - They have a strange obsession with losing.
- 6) V. P. Singh - They don't have a quota system thats why
- 7) Anil Kapoor - Zindagi Ek Juua
- 8) Michael Jackson - BAAAD!

9) Reggie - I was not included

10) Jughead - They do not eat Burgers, Shakes & Sundaes

Some One - Liners

- 1) The driver is safe when the roads are dry, but the roads are safe when the driver is dry.
- 2) An Onion a day keeps everyone away.
- 3) It is better to delin the bait than struggle on the hook.
- 4) A kiss is a pleasant reminder that two heads are better than one.
- 5) A careful driver: One who looks in both directions..... when he passes a red light.
- 6) These people never die.....
Old bankers never die, they just lose interest
Old brick laves never die, they just throw in the trowel.
Old golfers never die, they putter away.
Old gardenes never die, they just spade away
Old volcanoes never die, they just blow their tops.
Old cows never die, they just kick the bucket.
Old farmers never die, they go to seed.

Rahul Bajj

SE (M/T)

★★★

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Rahul Bajaj
SE (M/T)

★★★

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(PRINCIPAL)

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MRS. USHA PADMANABHAN

(STAFF MEMBER IN CHARGE)

BRO. LYNDON CEREJO

(ENGLISH EDITOR)

BRO. BERNDON COUTINHO

(ENGLISH SUB. EDITOR)

BRO. A. SUBRAMANIAN

(THE 'REPORT'ING MAN)

BRO. AMIT CHAVRE

(MAGAZINE SECRETARY & MARATHI EDITOR)

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THE TIME TRAVELLER

SANDEEP S.
(S.E. PROD.)

Sometimes, I felt a strong dislike towards him, taking the National Anthem for a joke. Too mischievous he was won't you agree too, when I tell you that he used to make up all sorts of crazy songs to that revered tune! But I respect my country, her anthem, national song and I look upon these pranks with distaste. Disgusting! And to think that I had the "fortune of being the only one to occupy his heart as his 'best friend and yaar'. So he used to say.

But he had this uncanny gift or whatever you chose to call it. It is undoubtedly hard to believe, but he could travel into time, into the closed chapters of history in such a way, that people there could not see him. And to an observer in the present, there he was, standing and staring into space. He would see the surroundings as they were, ages ago. It was a sort of mind travel, with his physical body here. I don't know how he chose the year he wanted and managed to reach it, but he could do it. Hyperimagination? Well, I don't think so, he would never spin such a long yarn to me. And anyway in that case, events could not have taken place as they did.

Gosh! As he recounted to me those explosive times, 1857 and so on, my head reeled. The valour of Rani Laxmibai, her brave army, the tense atmosphere during her adopted son's coronation and so on. I'll never forget that picnic to Jhansi. Pity he didn't go to Delhi or I would have written down the unwritten episodes of Babar's autobiography. He would have gone to Delhi. That was where they were going to go during the vacation, if only...

His mother had asked me afterwards, "What was so urgent which made him run across that road without a look?"

The answer, I think, lies in the events of those two days. Mr. Rao, our History teacher had gone on to the next chapter, The Quit India Movement, or was it the Civil Disobedience?

That one in 1930? or was it the ... oh, forget it. But it was something great. As we were walking home, he whispered to me, "Tomorrow, I am going to tell you what happened in our locality in these years!" You see he loved to go back, in time.

Next day, both of us went to the market place. Visualise it, the crowded road during the morning rush hour, my friend standing rigidly, staring into space and myself standing beside him. After a few moments. I heard him mutter, "Going to school probably, huh.... What a crowd over there... must be one of those prabhat pheris... poor people, will surely get a lathi on their backs... oh, no, guns.... God, the first victim... hard people, the British... ah, what a brave boy... no... no..., and he cried aloud, "The flag, it will f...fa....," and ran across that wild, crowded road.

He did not see the traffic, he did not notice the speeding car, Just "The flag," which was going to.... fall? The sudden screech of the brakes, the loud scream of a body, a bloodied body writhing on the ground, gasping, "The flag, the Flag...." and it was all over.

For a formality, he was pronounced D. O. A, Dead on Admission. That prabhat Pheri, the first flag holder shot down, suddenly a young but brave school boy running to hold the flag upright, and being shot, the flag on its way to the ground, and my friend runs up to hold it up, raise it high again, but..... but..... and I am brought back to reality by his mothers plaintive query, "Why?" yes, Why?

Nature's laws have to be obeyed and I think she didn't quite take to the idea of a boy turning the pages of History, reading the things meant not to be read.

Hmm, I don't know but then, if I am right, then the boy who wouldn't salute the flag, he gave his life for it, didn't he?

★★★

AN OBITUARY TO MANDI HOUSE

(SANJAY EASWAR)

FE '00-147

With the recent invasion from the skies, MANDI HOUSE is certainly finding itself in troubled waters. What with the new ubiquitous channels like STAR, BBC, ZEE, CNN & MTV (At the time of writing there were only five), who has the time & inclination for something called "DOORDARSHAN". (Yeh D.D.D.D Kyaa hai? Ed) What is surprising is that the predominantly western oriented programs seem to succeed in a conservative society like ours. If anything, it only speaks volumes about the apathy of 'MANDI HOUSE' Being fiercely chauvinistic as I am, one's face cringes with shame at the programs dished out by Doordarshan. With the onus on Dooradarshan for successfully combating the foreign invasion and restore viewer's faith in their programs, Mandi-House seems to be doing very litte to serve the purpose. On the contrary, their programs seem to have become more lacklustre, with the hitherto popular 'English News' and " The World This Week" being upstaged by BBC News. It will only be a matter of time before enterprising T. V. dealers offer free cable and star T. V. connections along with the new T. V. as a publicity stunt.

Although the idea seems farfetched I am sure very few eyebrows will be raised when this does happen.

While "MANDI HOUSE" seems to be groping in the darkness, other satellite networks seem to be revelling in the good fortune And it has certainly sent the cash registers ringing for the cable operators. Now is the Indian viewer complaining, for what are a few bucks compared to the quality entertainment they receive.

The latest rumour doing the rounds is that "MANDI- HOUSE" has imported local talents for rendition of 'ragas' (Some including from our neighbourhood music class) to appeal to the patriotic instincts of the viewers rather than their discerning eye for quality. While the rumour mongers are having a field day, the last nail on the coffin has already been struck for Doordarshan. As of now, the divorce papers have been filed and DOORDASHAN'S marriage with the Indian viewer is definately on the rocks.

THE REASON I CAN'T LEAVE BOMBAY

(KUNDAN SARAN)

S. E. MIT

Very often, we come across people who pose, the question, 'Isn't it time to Pack up, folks? Especially during days such as these, when even die- hard Bombayites like me are shaken. However such occasions make good opportunites to reminisce some of the goody-goody' days of the past.

Like the sunset at 'Gateway of India', like the early morning jaunts to Juhu beach, like the time we got stuck in a traffic jam on New- Year eves at 2 am, like the visit to Church during Christmas, like the Ramzan Id party, like the Diwali nights, like the days at Stanislaus & Xaviers, like the week we didn't have lectures

because the classroom was dirty.....

People may say-Look at the pollution, look at the slums, look at the indecent 'chokras & chokris,' look the sky is turning purple.' Period But No Folks. Bombay ain't gonna Bomb

(As matter of record, Kundam submitted this article way before 12 th March-Ed)

And then I'm reminded of Richard Bach's classic conclusion of his book-

He says:

"Every thing in this book may be wrong."

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OATH OF A STUDENT

B. NEELACANTAN
F.E. B-103

"We the students of India, under this wretched education system promise that we will leave no stone unturned to convert ourselves into mechanical, analog or digital cassettes which can record all the primitive text books with their texts not even worth being sold off to a hawker and play them back as well as possible".

"We also promise to brainwash ourselves into believing that only two persons were responsible for India's freedom and the common people were all, so to say 'The Born Spectators' with other people making guest appearances. We fully, completely, and in all aspects submit ourselves to the following regimen".

"We will learn ABCD...Z forward, backward, diagonally and if possible upside down, and behave like a leaf swinging to the tune of the wind. If we succeed we will go on to master some of the vintage archaic rhymes considered to be so during the times of Brontosaurus, Dodos and other modern beings. We shall start from where the world left us somewhere during the Pleistocene era (Ice age) and go back to the stone age. We shall all move backwards into the 21st and further centuries. We hereby vow to follow hook, line and sinker all that is written in the text books even if it means believing that people in Assam live on trees, steel production is around 11,400 tonnes, Russia is the USSR, Everest is the tallest mountain on earth (actually it is the tallest on land, and the tallest is a mountain under the Pacific). Tibet is an independent country, Czechoslovakia and the USSR do exist and such supernatural, celestial information. We also promise to reproduce word to word, comma to comma to semicolon all the printing mistakes in the text books and even if found correct will "correct" it. We will also learn the worst ever Hindi stories or articles written and our staple diet will consist of enchanting, hypermultifaceted and great absorbing, nail

biting chapters with edge -of -the -seat -excitement by Gandhi & Nehru. We will not believe that there ever was a Wordsworth or a Shakespeare. We generally will not believe in general knowledge even if compelled by a general. We shall pay (if not pave) our way to success and copy (lock, stock and barrel from side, back and front) our way to academic excellence. We shall leak out the question papers as early as possible and vow to join more than 3 coaching classes and a private tuition. Each time we are put from the frying pan into the fire we shall extinguish it by money (not water as generally believed). We will believe 80% of India lives in the villages and population of China is, was and will be greater than India (sorry! but for once this race will be won by us before 2010 A.D.) We shall believe that since India invented the zero, it deserves to be a hero (The world believes that since zero was invented by the Indians it is for the Indians and says a lot about the Indians). Also that at any point in our career if we do not follow this it is punishable by strictest laws and the penalty may range from NRI status to being a multimillionaire."

"If at any point of time during our long academic sojourn we find that this rhyme

"Heights by great men reached and kept,
were not attained by sudden flight,
But they, while their companions slept,
Toiled upwards in the night."

has a miniscule chance of turning out to be true we shall leave no stone unturned (except those of the reserved category) to see that this rhyme

"Heights by great men reached and kept,
were not attained by exertion,
but they, while their companions slept,
were busy contacting the right person"

is made true."

"Thus on this day of our education we accept solemnly and in full measure this mixture boiled in the governmental cauldron and dried in the heat of the Antarctic and will always strive to see it fulfilled."

THE FINAL PERFORMANCE

(LYNDON CEREJO)
(S.E. ETX)

IN our college, there are two ways to be popular: One is to be a lovable, outgoing and humorous, fun-to-be with person, which I am. The second way is to be a scapegoat- and acting crazy goes with it. Rajiv was popular because of the latter reason.

Even before he had joined our college, While the admissions were on, he was ragged for 3 hours at a stretch. He was also the student who was ragged the most in the time period between joining the college and the 'Freshies Eve'- which was unofficially recognised as the ragging period. This was when we first noticed a change in him. He became a bit reserved and restrained.

All of us Freshies looked forward to the day set apart as 'Freshies Eve'. This day marked the end of all the tension, worries, pressures, practical jokes and the weird demands of the senior students. The auditorium was packed to capacity. Most of the evening went well, despite the occasional boos from the seniors, for every act put on by us Freshies, even when the act was good. Then came Rajiv's turn to make an appearance on stage.

As soon as his name was announced, the booing and hooting started with renewed zest. When he started singing, the senior students got up row by row in synchronised timing, and staged a walkout. Only the compere and the function organisers stayed back, from among the seniors. Rajiv did not break down and cry, but just stood there on the stage with his head hung low.

He began getting moody after that day. At times, he would fool around, and then, all of a sudden, he would withdraw into a shell. Very often, he couldn't even remember these sudden changes in his behaviour, the next day.

In the classroom, whenever there was someone to be blamed for something, the

name 'Rajiv' was on the lips of all the students, in unison. Whenever any of us wanted a coffee from the coffee shop, or a cold-drink from the canteen, all we had to do was to sit with him for a few minutes, flatter him, so as to get him to reach cloud nine, and then suggest a visit to the coffee shop or the canteen. The treat was always on him.

He always had money on him. His parents were divorced, but he did not live with either of them. He was an only child and he had his own flat, and all the luxurious accessories that go with it. Besides, he had a car, a Maruti van, and a mobike. You name it, he had it. Come to think of it, it was attention that he craved. Whether he got attention from doing good or bad, didn't matter.

He was admitted to the second year with 4 subjects pending (K. T.'s)- the maximum permissible- and was in our class again. Things were normal, with him being blamed for everything and anything that was done (when it was not to be done), and anything that was not done (when it was to be done).

When the next batch of students was admitted, he began walking about with stars in his eyes. Oh yes, lil' Cupid was using his arrows! Rajiv was infatuated with Smita, one of the girls who had just joined our college. But it looked as if Cupid had missed the miss (Smita).

Just for kicks, he was put in charge of compering a particular event at the upcoming 'Freshies Eve'. He came fully decked up, and looked majestic in his robes, or at least so he thought. And 'his girl' (she didn't act as if he was 'her guy' , She probably wasn't aware of his existence), was right in the front row in the auditorium. A few minutes before he went on stage, while he was chatting with a few of us, in the wings, he broke out in a cold sweat, and his teeth began chattering.

This year, the seniors seemed a little more understanding. Understanding, that is, until Rajiv came on stage. They were all out to hurt him. They began chanting, 'Rajiv Smita' and other unmentionable variations of it for about five minutes, until Smita ran out, with tears streaming from her eyes. He seemed as if he was reliving the events of the previous year. His head hung low. He dared not even look at the place where Smita had been sitting. Again, like the preceding year, in slow synchronism, the students walked out, row by row. Even the Freshies did not stay. He was insulted in front of someone he had tried his level best to impress. None of us saw him leave that day.

The next day, he went about the college as if in a trance, more like a zombie. During a lecture, when a professor asked him a question, he wasn't even aware of it and didn't respond. When nudged by his neighbour, he

stood up and mouthed a 'Huh?' and was lost in his thoughts again. Later, during the break, he trudged slowly towards the auditorium, and onto the stage. As sad memories flowed through him, his body shuddered with sobs. Five minutes later, in a more composed state, he walked out.

Never to be seen alive again.

A few days later, a bloated body matching his description was washed ashore, in a near decomposed state.

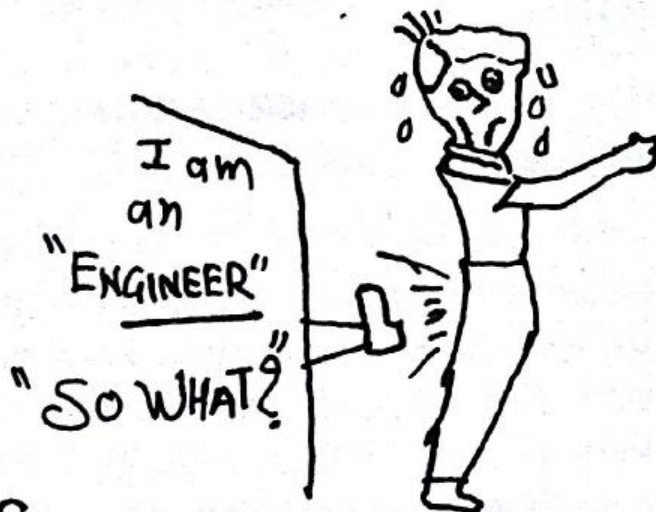
Ironically, there had been no one present to applaud or boo his final performance.

The next day, Smita walked into a skyscraper, never to retrace her path. Her body had to be scraped off the pavement.

Had Cupid aimed right, after all?

SIR-I AM AN ENGINEER

(BRENDON COUTINHO)
S. E. (PRODUCTION)



"Sir, I am an engineer..."

"So what!"

"I...I am an engineer and I wan...."

"Listen mister, there are hundreds like you today, what do you want?"

I cleared my throat, gathered my fast sinking courage.

"Sir I am an eng..."

"Engineer! he completed the word," that's the tenth time you've said the word. You want money! No way pal! Now get lost!"

The "get lost" accelerated my speech. "I want no money, I want a job."

"Ah! knowledge dawned upon the bull-like man opposite me. I wondered how such a half-witted guy was head of that particular outfit.

I was then disturbed by a loud belch and he looked up "No go sonny unless you know anybody who can pull strings for you here."

"No, Sir"

"Any letter from somebody on top?"

"No, sir", it was hardly audible now

Then no can do I'm sorry!"

"But sir the guy who just left, got a job in spite of having a degree lower than an engineer's degree."

He looked down rubbed his bald head and thought for a moment. He looked up and stared back cheekily. "Listen engineer, that guy as you call him is the Secretary's son!" Hardly was the last word out than I left. Another episode, a rather disgusting one at that had come to an end,

The conclusion I derived at the end of all my

numerous interviews was indeed "heart-warming" I need not be an engineer today, "If only I was the P.M's nephew!" "If only my father was a. C. M.!" "If only I was so and so's son.

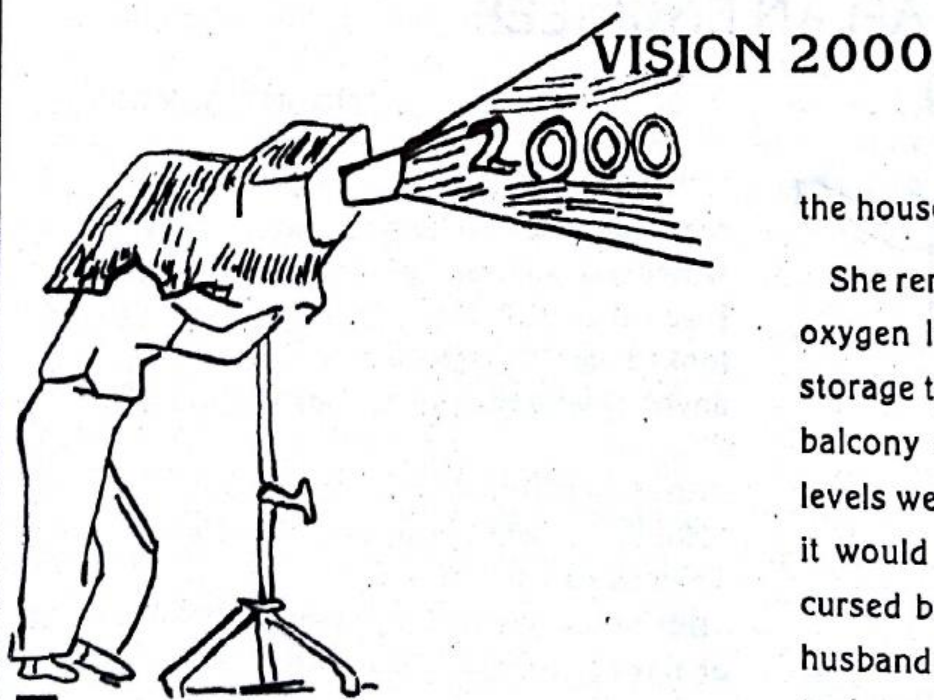
The jobs I were offered were 9-6 desk jobs One fat kind gentleman agreed to give me a post in his office. My designation? Head clerk, if you please!

"No sir. Sir you insult me I am an engineer no head clerk. The worst fault with us today is that we lose hope very soon, I was no exception. My resources exhausted and I was between the devil and the deep sea. I chose the devil. I lived on a friends charity, I played cards with borrowed money, I betted on figures, I took what I could from people.

Life was bad but it was good enough for me

to live. I wanted to live, I was young! The only thing clean about myself was my engg. degree certificate. The jobs I drifted in and out varied from car cleaner to newspaper vendor, - from coconut seller to road sweeper Nothing lasted long, for every now and then a little voice deep down kept saying Mr. Engineer" You a sweeper. Tick, Tck, Tck You see I slept, ate and drank whenever I wanted to. The bond of friendship I shared with the lonely & hungry population lessened the blow of my being a useless engineer.

I write this piece from a prison cell. I was caught selling.....er.....illicit liquor! (Whats new-Ed) Gussed my latest profession? It's a nice life here, regular meals; bath shave and only two hours of work. What more can a man want. I suppose I better get out fast I feel if is not in keep with my position. You see Sir, I am an Engineer.



The power failed for the sixth time in two hours and Ragini Sanyal was sweating profusely. The mouth piece of her oxygen mask kept slipping off and she silently cursed herself for not having had it serviced last month. Every time the power failed the oxyconditioners would shut down and they were forced to strap their portable kits inside

(SMITA MULMULEY)
B. E. (PROD)

the house.

She remembered that she hadn't checked the oxygen levels for over a month in their main storage tanks. She slowly walked across to the balcony and tapped the pressure gauge. The levels were close to the red mark, which meant it would last barely another week. Again she cursed but this time because she had told her husband Rajesh over a month ago to book the tanks, and as usual, he had not bothered.

From the balcony on the 31st floor on Palam Marg, New Delhi's skyline was covered with a thick grey haze. The daily air population report indicated that clouds of sulphur dioxide would descend around noon and clear out by 4 p.m. Temperatures were around 46 degrees celsius. Pretty cool for early February, Ragini thought

aloud.

The power came back with a loud gurgle, Ragini heaved a sigh of relief, took off her mask & turned the oxy-conditioner on again. At least Ranjit would't have to walk all the floors up from his school located in the basement of the building. Nor would Rajesh his office was on the 60th floor of the same apartment block. But it would do him good. These days he hardly took his morning walk, which usually consisted of two rounds around the 32nd floor, a jog to the 33rd then a quick dash through the corridors of the 34th and back again to their floor. Sometimes living in these super storeys was convenient. Everything was in the same building. Schools, offices, shops etc.

Ragini's face lit up as she walked past the calender made of plastic. Tomorrow was the 1st of the month. The day that all of them had been waiting for. It was their monthly drive out. Petrol was Rs. 600 a litre and none of them could afford more than a 10 km drive. But that was enough to take them to the theatre. Inside it, she would love to see Ranjit's eyes dance with the excitement as pictures of thick jungles and sounds of birds chirping rolled by.

She remembered walking around forests as a child herself just 28 years ago. At that time they did talk of vanishing woods, but who had thought that everything would be destroyed so quickly. Now all that was real, was left in tiny museums that were not open for the public to see. And anyway, who had money to drive.

Ragini looked at her watch. Time to rustle up something for Ranjit. He would come home demanding something to eat. She walked into the kitchen and scanned the row of food tins.

Protein paste, carbohydrate crisps, B-complex rolls. Oh dear! Ranjit's favourite fried vitamins was missing. No it wasn't. She had left it on the table. Cooking was such an easy chore, these days, unlike her mother's time, whom she remembered as really having struggled. Now everything came fully vitamin enriched. Nobody cooked anything anymore, unless they were extremely rich. As LPG cylinder cost Rs. 5000/-. And electric stores were banned because of the shortage of power.

She heard Ranjit bound up the stairs and opened the door for him. He excitedly told her about the T.V. programme they had watched in shcool. Mama, what's a tomato, he asked. Ragini described the vegetable to him. And said that at one time they could buy it off the market stands. That was before the climate changed completely and converted the whole of north India into an arid wasteland. Nobody lived in the Himalaya's anymore because massive earthquakes frequently occurred. The base mountains now looked like wind blown sphinxes. The south was no better. The Thar extended right across the country. Now the only region where vegetables are available in plenty was in the Sahara in Africa, which had become fertile after the weather changed. How long was that, Ranjit asked. Now let's see. Right now it is 2020 minus.....

The above story, frightening thoughts, may come true.

(Quote if you care about the world you live in watch Race To Save The Planet only on star plus (Unquote -Ed)

★★★

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When do we study ?

There are 365 days in a year for study.
Let us see if it is really so.

$365 - 52 = 313$ (52 days are Sundays which is when we are officially supposed to enjoy)

21 Days (Diwali) + 10 days (Christmas)
 $313 - 31 = 272$ days (surely on festive occasions, you don't expect us to study)

$272 - 15$ (Public holidays) = 257
(could be more if only our P.M. wanted)

$257 - 20 = 237$ days. (Indian meals $1\frac{1}{2}$ hr/day)
 $237 - 107 = 130$ days (7 hrs of refreshing sleep per day)

$130 - 7 = 123$ days (We are after all humans-sick for a week in a year is not much)

$123 - 15 = 108$ days (Television = 2 hrs. per day you know change in the essence of life)

$108 - 6 = 102$ (got to help mum you know)

$102 - 10 = 92$ days (man is a social animal after all! so 10 days for friends, parties)

$92 - 6 = 86$ (College gathering brings a lot of excitement 6 days might be less)

$86 - 85 = 1$ day (have to attend College for at least 85 days in a year for minimum attendance)

1 day- well would our respected teacher kindly tell us how much they expect us to study in a day.

P.S. Of Course- Journal work
Cannot be forgotten

Engineering Cricket

Batsman

Bowlers

Umpire

Scorer

Play ground

Spectators

Commentators

Expert Comments

Sixer

Four

Follow on

Yorker

Googly

Bouncer

Umpires Decision

Clean Bowled

O! it's a no ball-

Given out by third Umpire

Students

Paper Setter

Bombay University

Examiner

K. J. Somaiya College of Engg. Room.

No.202

Helpless guardians

Mark sheets

Classmates

Distinction

First class

A. T. K.T

Compulsory question

Changed pattern

Questions from optional topic

39/100

Failed

Passed in revaluation.

Failed in Revaluation.

POETRY

*The best is now behind you
Still we'll toss you one more crumb
So brace yourselves sisters & brothers,
for the VERSE is yet to come!*

~*~*~

FATE

*Samir J. M.
B. E. (ETX)*

*Oh! the grey dark clouds
lay uninterrupted
for once I thought
This be the final, my end.
Nay, the invisible voice echoed
Go ahead, your future lies in the path
Deserted, futile I walked.
Till I reached and found nought
Alas, What's more left in life?
Its empty, uncovered lid I removed
To find, you guess what inside
All loneliness, sorrow and grief within
But the path had a golden edge
All glitter full of platter
Well, this is my path, definite,
I walked to reach my fate.*

~*~*~

THE DEAR DEPARTED ATTENDANCE

*Rashmi N.
(S.E. (ETX))*

*When I was one of the defaulters
I decided to attend the next lecture
I went inside because of this fear
(of being a defaulter)
But the professor I could hardly bear
My eyes were on the attendance sheet
For I had to perform that 'great feat
(of signing an attendance sheet)
Then I got that eagerly awaited paper
& I proudly marked against my roll number
All was right & time did pass
But then I came to know that it was not my class.*

~*~*~

WHO IS A FREE MAN ?

*Smita Chaubey
T.E. (ETX)*

*To laugh is to risk appearing a fool;
To weep is to risk appearing sentiments;
To reach out for another is to risk involvement;
To express your feelings is to risk exposing your true
self;
To love is to risk not being loved in return;
To live is to risk dying;
To believe is to risk despair;
To try is to risk failure;
But risk we must because the greatest
hazard in life is to risk nothing;
The people who risk nothing, do nothing, have
nothing and are nothing;
They may avoid suffering and sorrow, but
They cannot learn, feel, change, grow, love or live.
Chained by their attitudes they are slaves;
They have given away their freedom.
Only the man who risks is a free man.*

~*~*~

THE MISSION

Bhagwat K. B.
B. E. (ETX)

Working harder than hardest,
Penetrating deeper than deepest,
To make life more than most meaningful,
To push the sky beyond the limit,
For-I don't want sky to be a limit.
To take more than most from within,
Where there is a limitless potential,
Where there is only JOY and LOVE.
To forget the exterior world
for remembering, the interior...
Interior of the WORK; the TASK; the MISSION, the
GOAL.
Forgetting the Self, being one with the work,
in unison with it,
Raining blood into the mission,
Soul uniting with the work,
Sweating, Perserving-knowing...
knowing nothing except the work.
Fruits an enticing bait,
No desires remain-EXCEPT ONE AND ONLY ONE
The ONLY desire-the noble-the work; goal..
the mission.
The atoms and miniscules lost in it-
where nothing exists; no pollution of hatred,
Jealousy mental imbalance of any sort, no anger...
No negation whatsoever of any kind.
For I and work, the work and me,
The goal and me have lost in each other
The embodiment of work and self-
The tremendous moment-the joy infinite!
Move on-Forward....
March ahead-gone's gone go ahead...
whether you belong to the gutter category
Or are from the riches,
The true living is only the living of hard work
Improvisation, using potential upto the fullest
and UNIVERSAL HAPPINESS
LOVE-WORK!
what whether hell imposed ?
or Heaven inflicted upon ?-
There is no emancipation-
Till you work to the best of your ability
Mastering the senses-
Sight-touch-speech-
Control-absolute control over the mind.

ॐ

THE INNER CRY

Lyndon Cerejo
S.E. (ETX)

Anytime, anything goes wrong for man,
'Don't worry, It's all in God's plan',
What do they mean, 'God's plan' ?
What do they mean, 'It's for your good' ?
Why is it so, in the holy clan,
Accept humanly perceived bad, one should ?
Why the heck, 3 marks more could I not get ?
And then S.P.'s Mechanical have net ?
What's the use of percent ninety-four ?
That can't get you good at V.J.T.I.'s door ?
Why are educational institutes like human zoos ?
Caging people according to their memory's use ?
Why can't we have the kind of education,
That would be yearned for, instead of vacation ?
Why can't I get what I desire ?
Failure sets my heart on fire.
Even though someday it maybe my funeral pyre,
For my line of thoughts never do I find a buyer.
All music we listen to is scanned,
And a majority of it is banned.
Between artistic and vulgar, what's the distinction ?
Why do we youth have so many restrictions ?

ॐ

The End

Lyndon Cerejo
S.E. (ETX)

You've reached the beginning of the end
And if this english section no fun did lend
Then blame yourselves girls & boys
The few articles you sent gave us no choice
Anyway it seemed fun, editing your stuff
Seing more stuff cut-off by the higher ups.
A parting word now that is all done
never an English editor do become.

ॐ

Superconductors to a radiant Future.

(SUNEEL R. JAGDALE.)
T.E. (PROD.)

To transform exciting developments in laboratories into practical applications is one of the greatest challenges modern science faces. And genuine scientific breakthroughs occur only rarely. But superconductivity has burst from obscurity. A technology long thought part of science fiction is being developed in laboratories around the world.

Simply stated, superconductivity is a phenomenon in which electricity passes through materials with no resistance or loss of energy at all. The phenomenon was discovered in 1911, but until 1986 or so scientists could make it occur only in certain kinds of materials called superconductors and at temperatures so low that its practical applications were few and extremely expensive.

A superconductor is a material that when cooled conducts electricity without the loss of energy due to resistance. The superconductors discovered earlier displayed this quality only at extremely low temperatures. But now researchers worldwide have been reporting superconductivity in a new class of ceramic materials at much warmer temperatures.

A team of US scientists headed by an Indian-American Dr. Parveen Chaudhari, has developed a new ceramic material that is capable of handling 100 times more electrical energy than any of the current superconductors.

Superconductivity has a tremendous potential market out there for the people who can bring this technology into commercial practice. Perhaps the first field to fully enjoy superconductivity's benefits will be computers.

Its heat generating circuit can be replaced by heat free, resistance free superconducting materials. Tomorrow's computers will be much smaller and work much more quickly than the present ones.

One of superconductivity's most promising use is in the transmission lines through which electricity companies and boards supply power from plants to homes and offices. Copper wires used for power transmission consumes as much as 15 percent of the electricity merely to overcome the metal's resistance.

With superconducting wires and huge superconducting electromagnets, electricity could be generated any time and stored for later use. For making superconducting power lines a reality, three fundamental properties of each new material have to be determined. These are (a) the critical temperature, ie- the highest temperature at which superconductivity can occur (b) the critical field, ie how large a magnetic field the material can create without losing superconductivity and (c) the critical current, ie- the rate of current that the superconducting material can handle.

Other feasible uses include developing smaller and more efficient electric motors for cars and ships. One of the goals for scientists is to use the new generation of superconductors to produce electricity through nuclear fusion.

SQUID (Superconducting Quantum Interference Devices), an experimental technique developed in the USSR, is being used by scientists for detecting the magnetic fields. These ultrasensitive gadgets have potential impact on medicine.

In the US, equipment makers are competing to commercialise a superconducting system that uses magnetic sensors to measure brain activity. Known as magnetence phalography (MEG), the process detects magnetic fields generated when brain cells create minute electrical currents as people think, watch a movie or command a finger to twitch. Researchers can measure the electrical signals using electroence phalography or EEG techniques, but the signals are distorted as they pass through the skull.

The immensely appealing ability to generate much stronger magnetic fields has several

other applications. Engineers have proved they can harness these huge magnetic fields to create dizzyingly fast flying trains- a revolutionary form of transportation. A couple of prototype using existing superconducting materials have already been built in Japan and Germany.

All these notions are facinating but the most farreaching applications have yet to be conceived. All sorts of frictionless. mechanical devices could be made. When they first developed transistors, nobody could have imagined what would be happening 30 years up the road.

WAR- ON MEDIOCRITY

(DNYANESH S. KELKAR)
(B. E. -M/C TOOLS)

Quality is the basic factor of today's business in INDIA, One has to join the war on mediocrity, whether you're a battle scarred veteran or are just joining the crusade. ISO 9000 provides you the weapon needed to effectively defeat mediocrity.

Inter national standards organization (ISO), in 1987 published the first five international standards on quality Assurance, known as ISO 9000 standards.

ISO-9000- Relevance and need of the standard to India.

In today's competitive and international market place quality is synony mous with not just product quality, but also cost, delivery and service.

Quality system standards have been developed by ISO and adopted by several

countries including INDIA to enable industries and organisations to achieve certification of their product/services. The standards are generic and applicable to all types of organisations offering product/services under the categories.

- Hardware
- Software
- Processed material
- Service

or combinations there of,

Starting in 1993, companies in the single European community will require their suppliers to be audited and registered under ISO 9000 series of standards. It will be essential for Indian exporters to European community to conform to ISO 9000 series of standards. Bureau Of Indian Standards (BIS) has also adopted these standards as IS 14000

series. Major Indian buyers/Industries would also insist on their vendors having quality systems in operation.

Adoption of ISO 9000/ IS 14000 Quality system standards by Indian organisations will enable them to achieve performance levels acceptable to world markets.

Quality Imperatives :

(a) A competitive domestic market which as a 320 million strong middle class-and rising fast, will unleash a consumerist revolution, the like of which is never seen before. Liberalisation will therefore invite many big game players to India-lured by this strong demand base. In such a competitive cut throat and a Dog- cat- Dog environment, it is quality that will be the saviour. Not just,

- Quality of Products, but
- Quality of Services
- Quality of management and people
- Quality of organisational processes
- Quality of image and dealings, all will count.

It has been recognised that quality or lack of it does not arise due to worker failures, 85% of these arise due to system failures This is where the top management role comes in.

Total Quality Management (TQM) is essential for success of business in changing environment when Globalisation of market place is taking place. The change must start from the very top, it needs a strategy of quality and leadership.

According to a recent article in the Times of India, the Indian manager today spends 20% of his time in routine work, 20% in crisis solving and 60% of his time crying. Quality cannot and will not flourish in such an environment no matter what Iso 9000 certification the company holds.

(b) **Export markets:** We all know and do not dispute the slogan 'Export or Perish'. If this be so quality is the price for entry into global markets. I would say, under these circumstances that, "IF India doesn't catch the Quality epidemic, it will die."

COMPARATIVE ADVANTAGE :

Specific issues differentiate a nation among it's 'Trading partners'. These issues are then to be focussed on to that Nation's trade, industry, finance and foreign trade policies, to derive the most competitive position for that nation.

Japan's targeting of automotive sector is the result of such 'Comparitive advantage' analysis on a national scale.

More closer, in the machine tool industry, they focussed full attention and resources on to CNC turning machines, machining centres and electric discharge machines and took what market dominance they have achieved. I would like to quote here Mr. J. F. A Dosoet, president of KLM,

"Quality is the most powerful corporate leverage point. The issue is not to improve a mediocre product but make a perfect one at a lower cost."

For too long we have harped on our cheap labour and skilled manpower as our national comparative advantage, since it has brought us no solution to our Balance of payment (BOP) problem, we ought to abandon it. We must make 'Quality' as our national and corporate comparative advantage as this alone will enable us to stand Eyeball to Eyeball with the best corporations and countries of the world.

Quality and Innovation :

The complete process of setting up Quality systems and certification there of can however bring about some negative fall- out.

The first casualty of such a process is the ability to innovate not just the innovation of new products but also of new ideas, new styles, new systems and processes etc.

There fore one should strive for ISO 9000 certification but at the same time build a TQM environment that retains some amount of flexibility and openness that would enable new ideas to flow more freely.

India Polsed to overcome Quality snags by 1996:

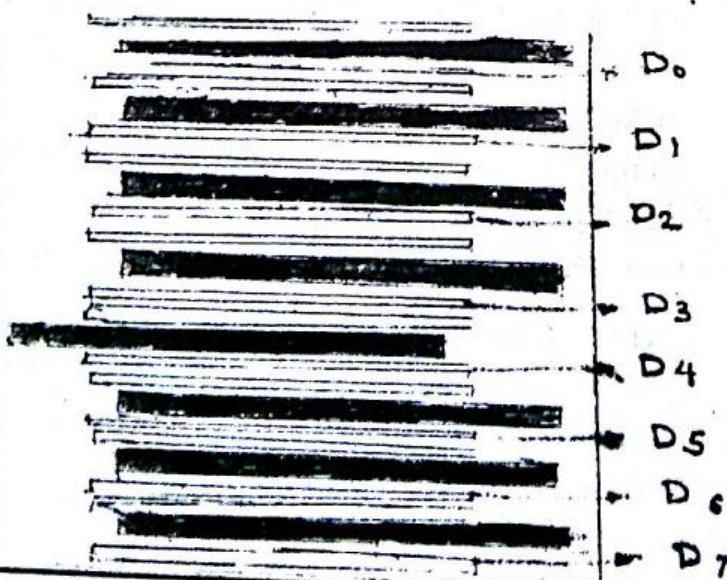
Every moment should have a definite goal to be achieved and the objective of Quality culture development is to make 'made-in-India' goods acceptable to world markets by 1996.

THE DOT MATRIX PRINTER

BY DEEPAK S. DAMA
(T.E. (ETX))

Printers are one of the most important of the output devices used along with the computer to get the information processed by the computer, in the printed form. Out of various types the dot matrix printers are of the most reliable ones. Let us have a very brief understanding of how it works.

The heart of the printer is the print head This has a line of needles mounted vertically behind the printer ribbon as shown(Fig.1)

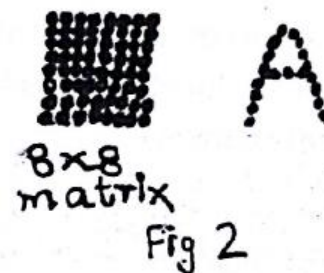


Quality movement in the country was initiated by the PMT centre for Quality management way back in 1982. And it is now a positive sign that many companies are now emphasising on ISO 9000 and to get themselves this certification.

India can build itself through exports and exports alone, and exports cannot be achieved without inputs of continuous technology update and simultaneous pursuit for quality excellence at all stages.

I would like to end by quoting John Ruskin. "Quality is never an accident it is the result of intelligent effort"

Each of the needles can be fired at the ribbon by activating a small solenoid and by using a vertical pattern of these in a set of horizontal columns, a character pattern can be traced out as shown. (Fig.2)



Older printers used eight or nine pins and the characters were based on a 8x 8 dot matrix pattern.

Control of the print head is usually from a builtin microprocessor which takes the information form the inter face and converts it into the necessary control signals for the print head pins. Stepper motors are used to move the print head across the paper and control the paper feed mechanism. The amount of intelligence available to the printer depends on

the capabilities of the microprocessor used. Today printers with graphics, alternative character sets, printer emulation and bidirectional printing are available.

Also 24 pin printers were introduced offering greatly improved resolution and at increased speeds quoted in characters per second. Print quality was still increased by printing each character twice. After the first imprint, the print head is moved very slightly, to blur out the matrix image with the second print. The speed of printer though reduces, but a more clearer print is achieved as shown (fig.3)



Fig.3

Miracles

Contributed by Amol Dalvi

(We tried to give you guys the best. We appointed a team to verify the authenticity of the following facts. Sadly enough, they were reported missing just after the first fact-Ed)

- (1) The shark has 6 rows of teeth and it can move them as per its own needs.
- (2) The world birth rate is 230 human beings per minute.
- (3) The human heart beats about 1 lakh times a day.
- (4) If one uses a book for 6 months continuously, its thickness increase by 15% (*)
- (5) In the body, blood runs at a rate of 270 km. per day
- (6) One square cm. of the scalp has about 150 hair.
- (7) If sugar is burnt and there is no ash then that sugar is pure sugar.
- (8) The nails of the hand grow 5 cm in one year & not more than that.
- (9) Our hair grows more in summer then in winter.

(We engg. Students will never be able to verify that fact unless we study more -ed)

★★★

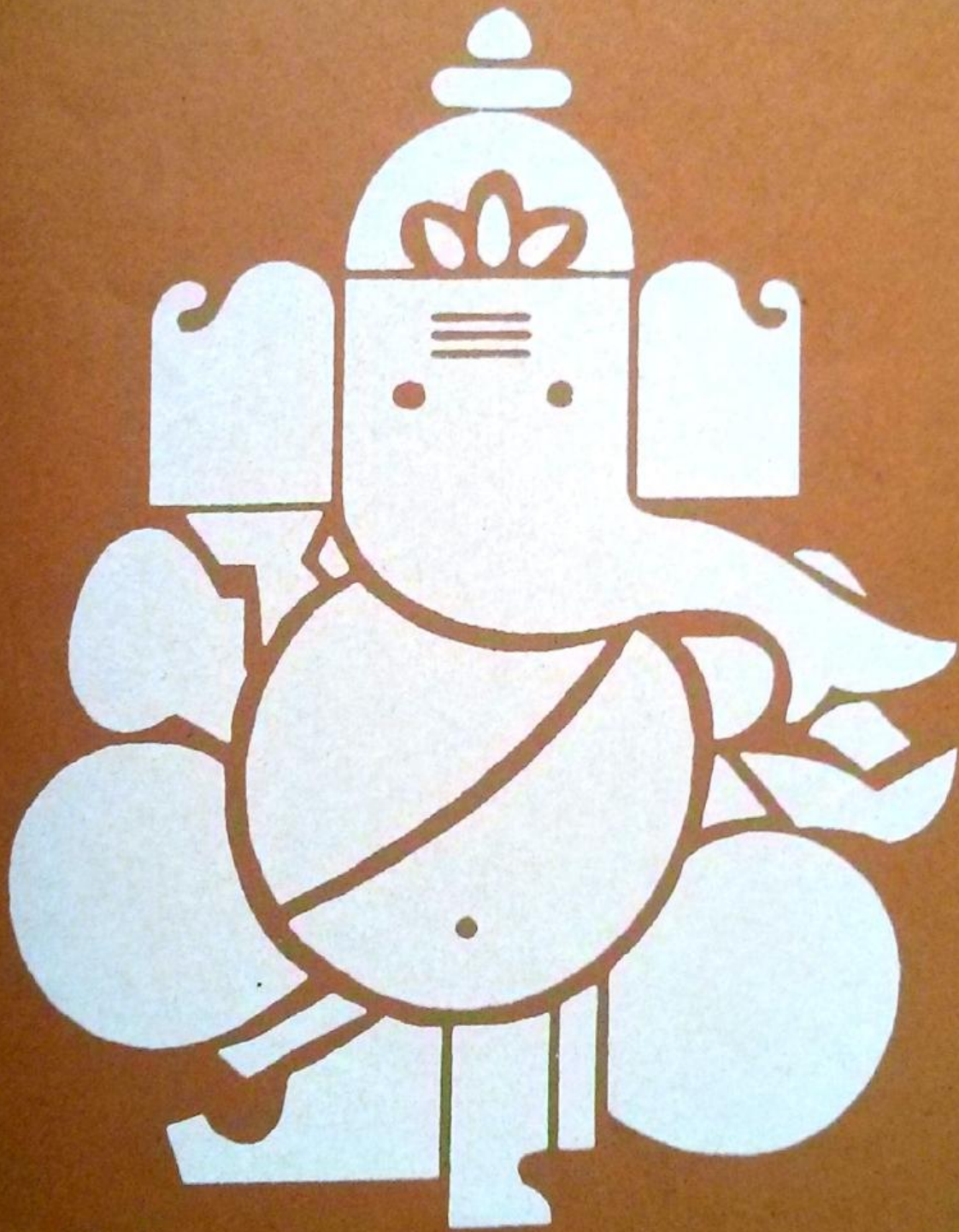
WHATIZZIT

Compiled by KIRAN SHETH,
T. E. (PROB)

Guess the names of the places from the clues given

1. Pen Talk-
2. Signature-
3. Atomic Power town-
4. Laundry man's pond-
5. Village for fair people-
6. A garden which is red-
7. A market of lion-
8. Fear Inside-
9. A city of joy &
happiness-
10. Under ground sacred
river-
11. Lime heater-
12. On the top of hill-
13. Lamp-
14. Police Station-
15. Barber's Village-
16. Darkness-
17. My Home town-
18. Welfare-
19. A curdy pond-
20. Goddess of Wealth-
21. Mosque-
22. Queen's reign ends
here-
23. Path of light-
24. Sleeping groom-
25. Middle of city-
26. Coloured yarn-
27. Entrance to the Catholic
place of worship-
28. Path of curry-
29. City of knowledge-

KALAM-BOLI, SION, ANUSHAKTI NAGAR, DHOBI-TALAO, GORE-GAON, LAL-BAUG,
SHARE-BAZAR, BHAY-ENDER, ULHAS-NAGAR, PATAL-GANGA, CHUNA-BHATTI,
GHAT-KO-PAR, DIVA, THANA, NAY-GAON, ANDHERI, MAZ-GAON, KALYAN, DAHI-SAR,
MAHA-LAXMI, MASJID, VICTORIA TERMINUS, REAY-ROD, VARSOVA, BOMBAY-CENTRAL,
COTTON-GREEN, CHURCH-GATE, CURREY-ROAD, VIDYA-VIHAR.



॥ ॐ गं गणपतेय नमः ॥

मराठी विभाग

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मायबोलीबद्दलची आपुलकी कुठे गेली ?

'सरकारचे डोके टिकाणावर आहे काय ?' हा अग्रलेख वाचतानाही लोकांचे चेहऱ्यावर नेमके असेच भाव उमटले होते जे सध्या तुमच्या चेहऱ्यावर आहेत. नक्कीच.... मला खात्रीच आहे तशी ! तस पाहिलं तर दोन्ही अग्रलेखांमध्ये साम्य काही नाही. एक राजकीय पार्श्वभूमीवर आहे तर दुसरा साहित्याशी थोडी जवळीक साधणारा ! एक आहे थोर स्वातंत्र्यसेनानी लो. टिळकांनी लिहिलेला अन दुसरा आहे माझा ! अर्थात लिहिणाऱ्या दोन्ही व्यक्ती अतिशय हुशार कर्तबगार, आदरणीय आहेत एवढाच काय तो सारखेपणा .

असो मराठी विभागाला सुरुवात करण्यापूर्वी एक गोष्ट मी स्पष्ट करू इच्छितो. ही काही कुठल्याही व्यक्तीवर उठवलेली टीकेची झोड नाही; स्वतःला असणारी मराठी बद्दलची कळकळ अगदी बेंबीच्या देठापासून ओरडून जगजाहीर करण्याचा स्वार्थी प्रयत्न तर नाहीच नाही. हा आहे फक्त एक भावनिक प्रवास ! आतापर्यंत घेतलेल्या अनेक (मुख्यतः कट्टी) अनुभवांच्या आधारे केलेला !!

मग प्रवासाची सुरुवात करूया तर ! सगळं चालू झालं जेव्हा मी 'क्षितिज' साठी लिखाणं मागवली. कथा, काव्य, विनोद अगदी साहित्याचा प्रत्येक प्रकार त्यात समाविष्ट करण्यात आला होता. केवढ्या अपेक्षा होत्या मनात ! वाटलं होतं अगदी भरभरून प्रतिसाद मिळेल. पण कसचं काय ? माणसानं काही ठरवलंय अन त्याप्रमाणं ते पार पडलंय असं कधी झालंय आजपर्यंत ? आलेल्या लेखांची संख्या पाहून अक्षरशः धक्का बसला. स्वतःला साहित्यप्रेमी म्हणवणारा मराठी माणूस असं करू शकतो याच्यावर विश्वास बसेना ! बरं याची कारणं काय ती शोधायचा प्रयत्न केला तर तेथेही अपयश ! सगळीकडून एकच उत्तर ! 'मी किनई लिहितच नाही' नाहीतर 'मी मी काय बुवा लिहिणार ?' अरे मी काय लिहिणार म्हणजे काय ? लिहायला काय प्रतिभा लागते ? (म्हणजे सगळ्याच लिहिणाऱ्यांकडे प्रतिभा असायलाच पाहिजे असे नाही. ज्यांच्याजवळ ती असते ते संपादक होतात.) बरं व्यथेशिवाय कथा जन्माला येत नाही हे जरी क्षणभर खरं मानलं तरी अभियांत्रिकी

महाविद्यालयातील विद्यार्थ्यांना व्यथा नसाव्यात हे मात्र माझ्या कल्पनेबाहेरचं आहे.

लेखकांना, कवींना दिलेली आणखी एक सवलत म्हणजे आपण जे लिहीतो ते वाचकांना समजलेच पाहिजे असे कोणतेही बंधन नाही. उदाहरणार्थ गेल्या वर्षीच्या मासिकातील विज्ञानकथा किती जणांना कळली हे त्या कथेएवढेच गूढ आहे. हीच गोष्ट कवितेबद्दलही लागू आहे. नाही पटत तर खालील उदाहरण पहा.

कुहुकुहु मुहुमुहु ॥१॥

मुहुमुहु कुहुकुहु ॥२॥

मुहुमुहु कुहुकुहु ॥३॥

कुहुकुहु मुहुमुहु ॥४॥

(संदर्भ म.टा. दि. १७ जाने. ९३ 'मिफल' रविवार पुरवणी)

तुम्हाला आश्चर्य वाटेल, कवी आहेत मंगेश पाडगावकर ! त्यांना जेव्हा या कवितेच्या अर्थाबद्दल विचारण्यात आले तेव्हा ते उदगारले, 'कविता काय समजण्यासाठी असतात ?' आता बोला, लिहायला आणखी किती सवलती मिळणार ?

अर्थात न लिहिणाऱ्यांवर टीका करताना, ज्यांना कथा, काव्य इ. साहित्य दिलंय त्यांच्याकडे दुर्लक्ष करून चालणार नाही. अभियांत्रिकी शाखेत शिक्षण घेणाऱ्यांमध्येसुद्धा कुठेतरी साहित्याबद्दलची आपुलकी, जिव्हाळा अजूनही शिल्लक आहे. हे पाहून थोड तरी समाधान वाटलं.

मराठी भाषेला 'मागास भाषा' मानायची वेळ टाळायची असेल तर ही मरगळ झटकून टाकलीच पाहिजे. जेव्हा हे घडेल, तो अमृतातेही पैजा जिंकणाऱ्या मधाळ मराठीच्या दृष्टीने 'सोनियाचा दिन' ठरेल याबद्दल शंकाच नको !

हे लवकर घडवून आणण्यासाठी, विद्यार्थ्यांना लिहिण्याची स्फूर्ती देण्यासाठी हा मराठी विभाग उपयोगी पडेल अशी आशा व्यक्त करून 'क्षितिज' चा हा मराठी विभाग आपणा सर्वांना सप्रेम अर्पण !

-संपादक

राष्ट्रभक्ती कधी तरी !

महेश लिमचे
चतुर्थ वर्ष उत्पादन

‘राष्ट्रभक्ती ने हृदय में हो खडा यदि देश सारा,
संकटो पर मात कर यह राष्ट्र विजयी हो हमारा।’

किती सोपं आहे आमच्या राष्ट्रापुढचे सर्व प्रश्न सोडवणं, असं कोणालाही वाटेल. कारण बालपणी आम्हांला आई शिकवते ‘देश माझा हिंदुस्थान, देशासाठी देईन प्राण’ शाळेत गेल्यावर आम्ही प्रतिज्ञा शिकतो ‘भारत माझा देश आहे, सारे भारतीय माझे बांधव आहेत’ पण शाळा सुटल्यावर ही प्रतिज्ञा विस्मरणात जाते आणि महाविद्यालयात पाऊल टाकेपर्यंत ‘मी स्वतः आणि मीजमजा यातून वेळ मिळाला तर मी भारतीय आहे’ अशी नवीन प्रतिज्ञा मनात तयार होते.

विद्यार्थी म्हणतो परीक्षेत चांगले मार्क मिळविणे हे माझे ध्येय आहे. ते मिळविण्यासाठी वर्षभर मजा करून शेवटी कॉपी करणे हेच जास्त सोपे आहे. शिक्षक म्हणतो पैसा मिळविणे हे माझे उद्दिष्ट आहे. त्यासाठी वर्गात शिकविण्यापेक्षा खाजगी शिकवण्या जास्त सोयीस्कर आहेत. सरकारी कर्मचारी म्हणतो जे जास्तीत जास्त खाऊन आराम करते तेच सरकारी खाते. राजकारणी म्हणतो. सत्ता आणि पैसा हे आपले उद्दिष्ट असल्याने त्यासाठी खोटी आश्वासने आणि लांगूलचालन हे झालेच. अशा नवनवीन व्याख्या स्वातंत्र्यानंतर प्रत्येक क्षेत्रातच निर्माण झाल्या आहेत. कोणी म्हणत की आमचा देश इंग्रजांनी लुटला त्यामुळे इथे दारिद्र्य आलं जे कधीही मिरवता येणार नाही. पण इस्त्रायलसारख्या देशाचं उदाहरण लक्षात घ्यावं लागेल. जगाच्या कानाकोपऱ्यातून, आपल्या वाळवंटातल्या मूठभर जन्मभूमीवर हक्क सांगण्यासाठी ज्यू लोक एकत्र आले आणि त्यांनी त्या वाळवंटाचं नंदनवन करून

टाकलं. दुसऱ्या महायुद्धात जपान नामशेष झाला, इतका की त्यांना स्वतःचं लष्कर वाळगण्याची सुद्धा परवानगी नाकारली गेली. पण त्यांनी आपल्या राष्ट्रासाठी अठरा तास परिश्रम घेण्याची ही तयारी दाखविली आणि आपल्या देशाचं नाव आधुनिक जगतात यशाच्या शिखरावर नेऊन ठेवलं. हे सर्व त्यांना अल्पावधित शक्य झालं कारण तेथील जनतेला केवळ राष्ट्रप्रेम या एकाच भावनेनं झपाटून टाकलं होतं.

आमच्या देशात मोठ्या प्रमाणावर लोकसंख्या आहे. ज्यात विविध क्षेत्रातून बुद्धिवान आहेत. जे अमेरिकेतही बुद्धिवान म्हणून गणले जातात पण त्यांना परदेशातच आपल्या बुद्धीचा उपयोग करावासा वाटतो कारण तेथे पैसा मिळतो. आमच्या देशात विपुल साधनसामग्री, खनिजसंपत्ती आहे. त्याचा उपयोग विदेशी कंपन्यांना करून देण्यातच आम्हाला धन्यता वाटते. आमचा देश खंडप्राय आहे. पण आम्हाला केवळ आमच्या भाषिकांचा, आमच्या प्रांताचाच अभिमान वाटतो. या सर्व गोष्टींचे मूळ केवळ ‘राष्ट्रप्रेमाचा अभाव’ हे आहे.

हे सर्व प्रश्न मिटविण्यासाठी, राष्ट्रीय अस्मितेची जपणूक करण्यासाठी आज संपूर्ण देशभरातून एक विराट ताकद पुढे येत आहे. याच लक्षावधींच्या ताकदीने अयोध्येत आमच्या पराभवाचे प्रतीक असलेली बाबरी वास्तू जमीनदोस्त केली. हीच ताकद स्वदेशीचा मंत्र घेऊन विदेशी कर्ज आणि विदेशी कंपन्या यांच्यावर मात करणार आहे हीच ताकद सर्वच क्षेत्रातला भ्रष्टाचार निपटून काढण्यासाठी सज्ज झाली आहे. आपणही सर्वजण या राष्ट्रीय प्रवाहात सामील होऊन ही ताकद आणखी वाढवू या.

•••

‘मराठी असे आमुची मायबोली’ !

मिर्लिंग दि. काळे

चतुर्थ वर्ष उत्पादन

सकाळची नऊ वाजताची गोरेगाव लोकल पकडून मी कॉलेजला निघालो होतो. माझ्या बाजूलाच दोन कॉलेजची मुले उभी होती. गाडी सुटल्यापासून ते दादर स्टेशन येईपर्यंत गप्पा चालू होत्या. मला प्रामुख्याने जाणवली ती गोष्ट अशी की, दोघेही मराठी असून ते पूर्णपणे मराठीत संभाषण न करता, “हॅव यू सॉल्व्ड, थिस प्रॉब्लेम ? किती आन्सर आल ? क्या यार, इतना इझी प्रॉब्लेम नही आया ?” वगैरे बोलत होती.

मला यावरून माझ्या मित्राच्या घरचा तो प्रसंग आठवला. नेहेमी आम्ही सर्व मित्र मराठीत बोलत असताना सर्वात जास्त (व खूपदा चुकीचं) इंग्रजी बोलणारा म्हणजे माझा मित्र सुहास कांबळे. घरीसुध्दा आईबाबांना, आई बाबा अशी हाक न मारता मम्मी, डॅडी अशीच हाक मारण्याची त्याने स्वतःला सवय करून घेतली होती, हे मी ऐकून होतो. एकदा मी त्याच्या घरी गेलो असताना त्याची आई मला तक्रारीच्या सुरात म्हणाली, ” अरे हल्लीं हा सारखा इंग्लिश गाणी म्हणतो, घरी ही इंग्लिशमध्येच बोलतो. मला काही फारसं कळत नाही. नुसती बावळटासारखी ऐकत असते. घराचं घरपणच नाहीसं झालंय. अगदी वीट आलाय याच्या इंग्रजीचा. लहानपणी हा थोडासा बोबडा बोलायचा. आई ... हाक मारायचा तर काळजावर अमृताची धार पडल्यासारखं वाटायचं मला, गेली एक दोन वर्ष फक्त मम्मीच ऐकले रे... ” आई दुसऱ्या खोलीत गेल्यावर सुहास म्हणाला “दॅट इज ऑल नॉनसेन्स हं ! भाषा बदलली म्हणून रिलेशनन्स डोंट चेंज. देवाला गॉड म्हटलं काय किंवा अल्ला म्हटलं काय, तो देवच असतो. आय होप यु अँगी.”

“मुळीच नाही”. मी उत्तरलो. “शब्द म्हणजे केवळ कोशातील एक निर्जीव नोंद नसते. शब्द हे माणसांच्या जीवनपद्धतीतून म्हणजेच त्यांच्या संस्कृतीतून निर्माण झालेले असतात. त्यांना एक सांस्कृतिक आशय

असतो. कोशातील अर्थापेक्षा हा अधिक असतो. म्हणून भाषांतरित शब्दानं त्याचा विशिष्ट कोरडा अर्थ मनात निपजेल, पण त्याच्या या वलय्याचा, भावनेचा ओलावा मनात उतरणार नाही. तू देवळात जातोस ना ?”

“येस नॉट एव्हरीडे पण ओन्ली ऑन सामेवार,”
“सोमवार म्हणजे शंकराचा वार. शंकराचे दर्शन घेतोस ना ?”

“ऑफ कोर्स, अरे फॉर दॅट ओन्ली आय गो देअर.”

“मग, तू आता जाशील ना तेव्हा शंकराच्या पिंडीपुढे उभा राहून ओ गॉड शंकरा, ओ हसबंड ऑफ पार्वती, अँड डॅडी ऑफ गणपती बाप्पा, असं काही तरी हात जोडून म्हण.

“छे, नॉनसेन्स !”

“का ? भगवान शंकर कधी कॉन्व्हेंट स्कूलला गेले नसतील पण ते सर्वव्यापी असल्यानं त्यांना इंग्रजी नक्कीच कळत असेल. तुझी हाक तुझी प्रार्थना त्यांना समजणार नाही ?”

“तसं नाही- पण-”

“तू काय म्हणशील ? नेहेमी काय म्हणतोस ?”

“ॐ नमः शिवाय, शंकरा कृपादृष्टी ठेवा. काही चूक झाली असली तर क्षमा करा... असं “मित्र उद्गारला.

“याचाच अर्थ असा की मी मघाशी म्हटल्याप्रमाणं शब्दाना अन पर्यायानं भाषेला कोशापेक्षा अधिक असा एक सांस्कृतिक आशय असतो. तू म्हणालास त्याप्रमाणे देवाला जेव्हा तू कृपा असावी देवा, माझा विसर ना व्हावा, असं म्हणतोस तेव्हाच तुला खरे समाधान मिळते. आपण देवाशी जवळीक साधली असं वाटतं. म्हणूनच तुझ्या आईची तक्रार खरी आहे. मम्मी, डॅडी इत्यादी शब्दांनी नाती फक्त व्यक्त होतील, पण त्या

नात्यातील ओलावा, जिव्हाळा, आर्तता व्यक्त होणार नाही. ती व्यक्त होतील परस्परांच्या काळजापर्यंत पोचतील, ती आई, बाबा इत्यादी शब्दांनीच "

"देअर इज सम सेन्स इन युवर सेईंग."

मीही पटकन म्हणालो-" बॅड इंग्लिश अगेन."

तो काहीसा वरमला, मग म्हणाला-" पण मराठी भाषा फार बॅकवर्ड वाटते रे."

मी त्याला विचारले "तुला ज्ञानेश्वर माहीत आहेत ?

"म्हणजे काय, आमच्या देवघरात ज्ञानेश्वरी आहे."

"देवघरातील असले ग्रंथ इथे शेल्फमध्ये ठेव. आणि अधूनमधून वाचण्याचा प्रयत्न कर. ज्ञानेश्वरांनी मराठीसंबंधी काय लिहिलंय माहीत आहे ?"

"काय ?"

"माझ्या मन्हाटाची बोलू कीतुके । अमृतातेही पेजा जिंके" ॥

आणि ज्ञानेश्वर- तुकारामाच्या काव्यातच तिनं अमृतावर मात केली आहे. मराठीला आजच्या राजकीय विज्ञानात्मक आणि आर्थिक व्यवहारापासून दूर ठेवून आम्ही तिची मुलं च तिचा तेजोभंग करण्याचा प्रयत्न करीत आहोत. मित्रा तू इंग्रजी जरूर शिक शिकायला हवंच पण त्यासाठी मराठीशी, मायबोलीशी असलेला संबंध तोडू नकोस. तो सुरक्षित ठेव. हा संबंध सुटला तर तू देशात राहूनही परदेशी होशील. भाषेच्या द्वाराच माणसाच्या अस्तित्वाची सांस्कृतिक पाळमुळं समाजात पसरलेली असतात. ती खणून काढणं म्हणजे सुसंस्कृत समृद्ध जीवन नाकारण्यासारखं आहे."

"लॉट ऑफ सेन्स इन युवर"

"सेईंग नव्हे- इन व्हाट यु से-" मी त्याची चूक दुरुस्त केली.

•••

ह. भ. प. विनय बुवांचे प्रवचन

विनय सारे

द्वितीय वर्ष उत्पादन

जर आपण चांगली व्यक्ती बनू इच्छित असाल व आपल्या व्यक्तिमत्त्वाचा व कार्याचा ठसा या भाऊ गर्दीच्या जगात जनसामान्यांवर उमटवावयाचा असेल तर त्यासाठी खालील औषधाचा उपयोग करावा.

औषधाचे साहित्य

- (१) सत्याचे फूल ५ ग्रॅम
- (२) प्रामाणिकपणाची पाने ३ तोळे
- (३) मिळूनमिसळून वागण्याचे आवळे ४०० ग्रॅ.
- (४) संघटनेचे दूध २ लिटर
- (५) उदारपणाचा अर्क ३ माझे
- (६) मधुर वाणी २० ग्रॅम
- (७) परोपकाराची मुळी २० ग्रॅम
- (८) सत्संगाचे पाणी आवश्यकतेनुसार
- (९) शांतिप्रियतेची साल ५ तोळे
- (१०) स्वदेश प्रेमाचा रस १/२ लिटर

औषध करण्याची रीत : वरील सर्व औषधे उत्तमतऱ्हेने एकत्र करून घोटावीत. नंतर परमेश्वराचे पातेल्यात

भक्तीचे शुद्ध तूप टाकून प्रेमाच्या चुलीवर ठेवावी. खाली ध्यानाचा अग्नी लावावा. उत्तम शिजल्यावर खाली उतरून थंड होऊ द्यावे नंतर शुद्ध व पवित्र मनाचे कपड्याने गाळून मेंदूच्या बाटलीत भरून ठेवावे.

औषध घेण्याची रीत

दररोज प्रातःकाळी संतोषाचे गुलकंदाबरोबर नीतीच्या चमच्याने १५ ग्रॅम खावे.

पथ्य

क्रोधाचे तिखट, अहंकाराचे तेल, लोभाचा पापड, दुराचाराचे लोणचे, फसवणूकीचे मीठ, यातील एखाद्या प्रकार जरी खाण्यात आला तरी कुपथ्य होईल.

हे औषध घेतल्यावर नियमितपणाचे दूध पिणे आवश्यक आहे व औषध लागू पडल्यावर परमेश्वर चरणी नम्र होऊन कृतज्ञता व्यक्त करावी व नामाचा प्रकल्प सोडावा.

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'सलाम बॉम्बे'

अमित चावरे
द्वितीय वर्ष इलेक्ट्रॉनिक्स

साऱ्या आसमंतात एक अनामिक भीती दाटलेली. चहूकडे अगदी टाचणी पडल्याचा आवाज येईल इतकी शांतता.. मधूनच दूरवरून ऐकू येणार कुत्र्याचं केकाटण हाच काय तो आवाज! आणि अचानक... नीरव शांततेला भेदून जाणारा आवाज घुमतो. 'शंभर एक माणसे ट्रकमधून येत आहेत.

सगळ्या इमारतीतील रहिवासी हातात मिळेल ती हत्यारे घेऊन गच्चीवर धावतात.. गच्चीवर विटांचा भरपूर साठा केलेला... प्रखर प्रकाशाचे हॅलोजन लाईटस रात्रभर चालू... पाळीपाळीने पहारा देणारे रहिवासी.. एक जमाव लाठ्या काट्या घेऊन येताना दिसतो. सर्वजण मोर्चे बांधून बसतात... इतक्यात पुन्हा कोणाचातरी आवाज, 'अरे आपलीच माणसं आहेत रे'... मणामणाचं ओझं डोक्यावरून उतरल्यासारखं सगळ्याच्या मनावरचं दडपण दूर होतं... 'आपली' आणि 'त्यांची' ह्या शब्दप्रयोगांशिवाय कोणत्याच वाक्याला पूर्तता नाही... प्रत्येक दिवस असाच दडपणाखाली जगायचा. सकाळी घरून बाहेर पडल्यावर पुन्हा सुखरूप घरी पोचलो तर देवाचे आभार मानायचे.. शेकडो तास हे दंगे, जाळपोळ, लूटालूट अथक चालू. जेथे दंग्यांची झळ कमी, म्हणजे अगदी नाहीच अशा विभागांना राजकीय पुढारी, सिने अभिनेते यांच्या भेटी. समोर कॅमेरा असल्यामुळे उपोषणाचा फार्स... (अभिनयगुण अभिजात नसले तरीसुद्धा इतकी वर्ष कॅमेऱ्यासमोर काम करण्यामुळे ते ही अंगवळणी पडतंच की!)

एवढं वादळ येऊनही मुंबई डगमगत नाही की पक्का मुंबईकर वाकत नाही... कोणास टाऊक कोटून येते येवढी ताकद? हे हलाहल पचवण्याची शक्ती कोटून मिळते कोणास टाऊक?

कदाचित मुंबईच देते आपल्या बछड्यांना हे टॉनिक... अशी हजारो वादळे अंगावर झेलू पण.... पण

मुंबई नाही सोडणार असं छातीटोकपणे सांगणारा सामान्य मुंबईकर हे, औषध लागू पडल्याचेच उदाहरण नव्हे काय?

एक वादळ माणसाळतंय तोवर दुसरं त्याची जागा घेण्यास तयार... एकाच दिवशी बारा तेरा ठिकाणी होणाऱ्या बॉम्बस्फोटांनी जग हादरतं.. मुंबईसुद्धा हादरते. पण फक्त काही मिनिटांपुरतीच. तातडीने मदतीचे हजारो हात पुढे येतात... सार काही सुरळीत करण्याची ताकद फक्त त्यांच्यातच असते. ... अवघ्या एक दोन दिवसात मुंबई पुन्हा दिमाखात कामाला लागते. .. बॉम्बस्फोटांमुळे झालेल्या दगडमातीच्या ढिगाऱ्यात लुप्त झालेल्याबद्दल मुंबईच्या डोक्यात उभे राहिलेले अश्रू सगळ्यांनाच नाही दिसत....

याच पार्श्वभूमीवर 'फिल्मफेअर अवॉर्ड्स' चा झगमगता, लखलखता सोहळा पार पडतो... नामवंत सिने कलावंत हजर असतात.. पारितोषिके स्वीकारतात... ज्या सामान्य मुंबईकरांमुळे त्यांना हे पुरस्कार, समाजातले हे प्रतिष्ठित स्थान मिळते त्याचा साधा उल्लेखही या कार्यक्रमात कोणाच्या तोंडून होत नाही...

तरीसुद्धा सामान्य मुंबईकर खूप असतो. हेच आकर्षण असते त्याला लहानपणापासून याला तुम्ही भुलभुलैया म्हणा नाही तर आणखी काही पण मुंबई ही अशीच आहे. .. आपल्याभोवती गूढतेचे एक वलय घेऊन वावरणारी ...आपल्या लहानग्यांना अंगाखांद्यांवर खेळवताना इतका लळा लावणारी की... की. ... 'एकदा येथे आले की हेच आपले कार्यक्षेत्र. कोणच्याही परिस्थितीत हे सोडणे नाही.' हे माणूस कधी ठरवतो हे त्याचे त्यालाच नाही कळत ...

'सलाम बॉम्बे!'

एकदा नव्हे त्रिवार सलाम!!!

...

बेकारीवर औषध स्वयंरोजगाराचे !

राजेश. एच. देसाई
तृतीय वर्ष इलेक्ट्रॉनिक्स

बेरोजगारी आज भारतासारख्या अनेक विकसनशील देशांत चौफेर फटकेबाजी करताना केवळ चौकार पटकार नाही तर हजारो लाखोनी आपली पोतडी भरत, हादरे देत आहे. न्युटन, आर्किमिडीझचे सिद्धांत पटापट म्हणणारी, डबल-ट्रिपल इंटीग्रेशनची गणिते पटापट सोडविणारी, इकॉनामिक्स विषयातील किचकट प्रश्न इटपट सोडविणारी आजची तरुण पिढी बेरोजगारी ह्या एका प्रश्नापुढे मात्र पूर्ण हतबल झालेली दिसते. प्रत्येक वर्षी देशात हजारो पदवीधर निर्माण होतात परंतु मोठ्या प्रमाणावर ह्या तरुणांच्या पदवी 'No Vacancy' ह्या कट्ट सत्यामुळे, केवळ निराशाच येते. अल्प-स्वल्प तरुणच केवळ नोकरी मिळवू शकतात. नोकऱ्यांचे प्रमाण, कमी असल्याने आज बहुतेक ठिकाणी वशिला, भ्रष्टाचार बोकाळलेला आहे. बेरोजगारी म्हणूनच कधी भेदभाव करतानाही दिसत नाही कारण बेरोजगार तरुणांमध्ये केवळ ATKT च्या साह्याने पास होणारेच नसतात तर फर्स्ट क्लासने उत्तीर्ण होणारेही असतातच. त्यामुळे कॉलेजमध्ये प्रेमभंग सहजासहजी पचविणारा तरुण बेरोजगारीचे दुःख वैफल्य सहन न करू शकल्यामुळे व्यसनाधीन, निराशावादी होताना ठिकठिकाणी दिसतोय आणि म्हणूनच देशाची एकविसाव्या शतकाकडे वाटचाल लंगडत खुरडत होताना दिसतेय.

प्रत्येक काळ्याकुट्ट रात्रीनंतर रम्य व खगरवाने मधुर पहाटेच्या प्रकाशाची अनुभूती होते, त्याचप्रमाणे बेकारीचा अंधारही संरेल आणि अंधार दूर करू शकेल केवळ स्वयंरोजगार ! परंतु ज्याप्रमाणे मुंबईचे प्रतिभावंत क्रिकेटपटू उपेक्षित असतात, तशीच स्थिती आज स्वयंरोजगाराची आहे. स्वयंरोजगाराबद्दल आजही अनेक गैरसमज आहेत. त्यातील प्रमुख म्हणजे 'स्वयंरोजगारासाठी मोठ्या भांडवलालाची गरज असते.' परंतु हे सत्य नाही कारण आज अनेक व्यवसाय अतिशय कमी भांडवलाने सुरु करता येतात. तेही सर्वसामान्य मध्यमवर्गीयास परवडेल इतक्या कमी भांडवलाने. उदा. कॉम्प्युटर सॉफ्टवेअर कन्सल्टन्ट, टिव्ही- व्हिडिओ सर्व्हिसिंग, वर्तमानपत्रे- मानसिके

यांची एजन्सी. बेकारीची समस्या जरी समूळ नष्ट होऊ शकली नाही तरी ती बऱ्याच प्रमाणात कमी होऊ शकेल किंबहुना देशाला उपद्रवी किंवा घातक ठरू शकणार नाही. स्वयंरोजगाराने स्वतः पुढील बेकारीची समस्या नष्ट होतेच परंतु आणखी काही जणांची बेकारीची समस्या नष्ट होऊ शकते.

आज आपल्या देशातील गुजरात, उत्तर प्रदेश, पंजाब, दक्षिण भारतातील राज्ये ह्या भागातील बरेचसे तरुण बेकारी नष्ट करण्यासाठी स्वयंरोजगाराचा रामबाण उपाय योजताना आढळतात. परंतु मराठी तरुण आजही ह्या रामबाण उपायाची अॅलर्जी असल्यागत वागताना दिसतात. 'स्वयंरोजगार ? ही काय भानगड आहे ? पैसा कुटून आणणार ? नोकरी धड मिळविता येत नाही तो व्यवसाय काय करणार ? तेवढी अक्कल आहे का ? असे प्रश्न मराठी मनात पिंगा घालताना दिसतात. 'अंधरूण पाहून पाय पसरा' ह्या सारख्या निराशावादी म्हणींचा पगडा मराठी मनांवर दिसतो परंतु महाराष्ट्र शासन, व्यापारी संघटना आज मार्गदर्शन करत असताना व अनेक पतसंस्था सुलभ अटींवर कर्ज देत असताना स्वयंरोजगाराद्वारे बेकारीची समस्या सोडवणे सहज शक्य आहे.

बेकारीच्या भस्मासुराला नाक घासायला लावणाऱ्या स्वयंरोजगारामुळे देश यशाकडे, समृद्धीकडे वाटचाल करू शकेल आणि एकविसाव्या शतकाकडे देश व्यवसायभिमुख तरुणांच्या सक्षम आधाराने झेपावताना दिसेल. आपला देश पुन्हा सुवर्णयुगाचा उषःकाल अनुभवताना अमेरिका, युरोप येथे समृद्ध आयुष्याच्या शोधात गेलेले भारतीय 'सारे जहाँसे अच्छा हिन्दोस्ताँ हमारा !' आळवत मायदेशी परतताना दिसतील. आणि आपण सर्व भारतीय नेहमी केवळ दूरदर्शनवर भारताची महानता न पहाता बीबीसी (BBC), सीएन एन (CNN), वर सुध्दा महान भारत पाहू आणि अभिमानाने म्हणू

'मेरा भारत महान'

...

सेंटलाईट टी. व्ही. !

मिलिंद वि. काळे

चतुर्थ वर्ष उत्पादन

सेंटलाईट टी. व्ही. ने आणख्ये वेगळीच मजा
एण डोळ्यांना व मनाला होत्ये भलतीच सजा ॥ १ ॥

टी. व्ही वर हल्ली लाजतात सहा-सात चॅनल
कायम समोर बसलेले दिसते तरुण पोरांचे-पॅनल ॥ २ ॥

कधी लाजते दूरदर्शन; कधी केबल व स्टार
काम धंदा, अभ्यासाचा मात्र जातो वेळ फार ॥ ३ ॥

स्टार टी. व्ही. चे चॅनल आहेत एकंदर पाच
प्रत्येक चॅनलवर चालू असतो धांगडधिंगा व नाच ॥ ४ ॥

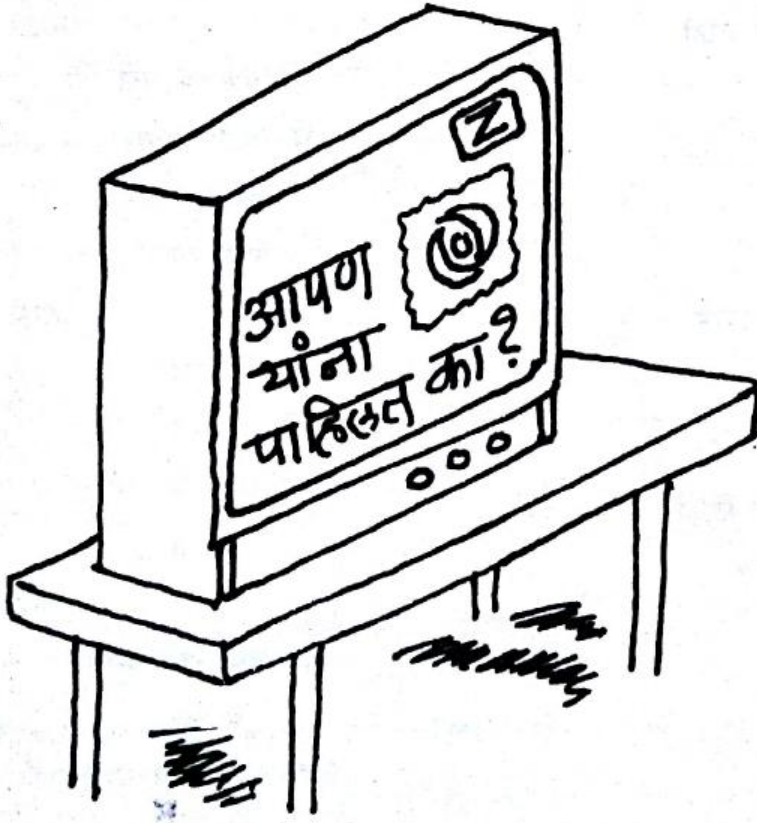
झी. टी. व्ही व एटिएन लावतात रोजच नवनवीन गाणी
संसार नसल्याने बघणाऱ्यांच्या तोंडचे पळते किंवा गळते
पाणी ॥ ५ ॥

सेंटलाईट टी. व्ही मुळेच लोपत्ये भारतीय संस्कृती
हाणामारीच्या पिक्चरनी वाढवत्ये जनतेतील विकृती ॥ ६ ॥

टी. व्ही. पाहून कधी जडते वाईट घ्यसनांची संगत
जीवन सगळे घ्यर्थ जाते शरीर जाते खंजत ॥ ७ ॥

काय सांगू, टी. व्ही, नेच माजवलेय अशांती अमेरिका देशी
सारखा टी. व्ही. पाहाल तर होईल तुमचीही अशीच
काशी ॥ ८ ॥

तेव्हा या टी. व्ही. ची आता फोडूनच लावा घाट
महान संस्कृतीची देशात पुनश्च येऊ घा हो लाट ॥ ९ ॥



रश्मी नाडगोडा
त्रितीय वर्ष इलेक्ट्रॉनिक्स

पाश्चात्य आक्रमणापासून सांभाळ रे सांभाळ
हा प्रकार अनुभवं नाहीतर नाही लांब ॥

-संपादक

दगड !

अमित चावरे
द्वितीय वर्ष इलेक्ट्रॉनिक्स

कोणी दगड पाहिला आहे का हो ?

दगड ?.....

ओबड धोबड आकाराचा

काळ्या सावळ्या वर्णाचा

जन्मापासून मातीत लोळणारा

रस्त्याच्या बाजूला पडून राहणारा

अन तळपत्या उन्हाचे चटके निमूटपणे सहन करणारा

कोणी दगड पाहिला आहे का हो ?

दगड ?...

पावसाची सर आली की मोहरणारा

हिरव्या शेवाळ्याची वेलबुडी पांघरणारा

कळसापर्यंत पोचण्याची अपेक्षा धरणारा

अन पायाचा दगड होण्याची संधीही मिळाली नाही

तरी तेवढाच हसतमुख राहणारा

कोणी दगड पाहिला आहे का हो ?

दगड ?...

जर मिळालाच तुम्हाला कुठे असा एखादा दगड

तर थांबा त्याच्यासमोर क्षणभर

करा त्याला एक मानाचा मुजरा

कारण जर असता त्याच्यावर एखादा शेंदरी टिळा

तर दिलाच असतात ना त्याला देव्हारा ?



माझा गाव

सुनिल आर. जगदाळे
तृतीय वर्ष उत्पादन

इटुकला पिटुकला

कोपऱ्यात बसलेला

प्रेम आपुलकीचा

सडा शिंपलेला

माझा गाव !

ना बीज ना पाणी

ना गाडी ना रस्ता

शाळा उघडी बोंडकी

तालमीचा नसे पत्ता

माझा गाव !

शांत सरळ

नसे बरदळ

एकी इथे

ना चळवळ

माझा गाव !

शालीनतेचे लेणे

रीतीरुढींचे स्वाण

सभ्यता आदर

यांना मान

माझा गाव !

ओढ्याकाठी

हिरव्या वनराईत

पिवळ्या शिवाराजवळ

एकट

माझा गाव !

देवळांचा राजळांचा

धार्मिक

फुलाफळांनी बहरलेला

पण उपरा

माझा गाव !



Le directorie ancien etudiants.

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20/463, Vijaynagar Soc., Sahar Road, Andheri (E), Bombay-69.
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5, Meghmalhar, 506, L. J. Road, Mahim, Bombay-16.
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Kaki-Smruti, Tilak Nagar, Dombivli (E).
12. Urankar Aparna Vithal
13, RBIS Asmani Soc., Shastrinagar, Dombivli (w).
13. Vast Swati R.
Shreerang Soc., C-1/57-10, Thane (w).
14. Wagh Varsha S.
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16. Apte Suyash K.
10, Dhanashree, Opp. Dr. Godbole Hosp., Kapri Rd., Naupada, Thane.
17. Parekh Aarti P.
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18. Phadke Prachi V.
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19. Benjamin Aaron B.
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20. Bhadgaonkar Manoj R.
11, Vijay Apts., Naupada, Thane.
21. Bhagwat Krishnadas B.
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22. Bhalerao Jayant V.
360/7, Ambedkar Chawl, Hall Ward, Old Kurla-70.
23. Dadia Bhavin H.
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25. Date Rajesh M.
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26. Dnyate Mandar S.
1, Mathili Soc., Naupada, Thane.
27. Gandhi Pinakin B.
15, Ashok K. Bharati, P.M. Road, Vile Parle (E)-57.
28. Pathak Jaydeep
5, Rushabh Mahal, D. P. Road, Malad (E)-97.
29. Gawade Ankush R.
Block A-4/5, Francis Wadi, Subhash Rd., Jogeshwari (E)-60.
30. Gujare Abhijit A.
1/16, Vivekanand Soc., Gurumandir Rd., Dombivli.
31. Gupta Niraj K.
VI A-1, Cl-I, Sion, Bombay-22.
32. Iyer Shankar C.
7, Sangeetha, Dr. R. P. Rd., Mulund (W)-80.
33. Jadhav Rakesh S.
X/111/3, Godrej Colony Vikhroli (E)-79.
34. Rodge ATul R.
Shree Gajanan, Gajanan, Maharaj Nagar, Kulgaon (Badlapur)
35. Jain Hasmukh J.
13th Rd., 473, Chembur Bombay-71.
36. Jain Somitkumar B.
C-210, Shatrunjay Darshan Bldg., Lovelane, Byculla, Bombay-27.
37. Jeswani Shailesh H.
C, 402, Roop Darshan, Juhu Lane, Andheri (W)-58.
38. Kale Sandeep M.
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39. Kamat Chetan M.
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40. Kand Shreenivas G.
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41. Sanghvi Jayesh B.
Bhatunjay Darshan, B/408, Lovelane, Byculla-27.
42. Kulkarni Sachin
1, Ravikaran, Sarvodaya Nagar, Badlapur (W).
43. Lilani Deven K.
10, Alka, Tilak Rd., Ghatkopar (E)-77.

44. Madavia Hemant R.
1-A/2, Adarsh Nagar, Kolbad Rd., Thane.
45. Mehta Prerak H.
Sahakar, N.S. Rd., No.6, Juhu Scheme, Vileparle (W).
46. Menezes Walter E.
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47. Mendhurwar Subodh S.
A/3, Aradhana, Gulmohor Cross Rd., 12, Juhu-49.
48. Mundhe Ravindra G.
5/98, Balkrishna, Sion (E)-22.
49. Shah Bankim S.
319/2, Godavari Soc., Vileparle (E).
50. Shah Kunal U.
B-11/182, Rajawadi Colony, Ghatkopar (E)-77.
51. Desai Hitesh B.
505, Chandra Apts., S. P. Nagar, Nahur, Mulund (W)-80.
52. Pandya Asit M.
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53. Naik Prashant A.
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54. Parmar Navin P.
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55. N. Jayadas Devassy
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56. Nagarkar Mayuresh Gajanan
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57. Badheka Hetal Niranjan
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58. Pandey Ashokkumar Sitaram
V/L-Ledva, Post-Taukalpur Nagra Dist. Julkanpur, U.P.
59. Bakshi Ameya Anant
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60. Patel Zafar Ahind Mohd., Alim
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61. Ganwani Naresh Mukundram
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62. Prabhu Sanjay Annappa
A/16, Cynarra, Opp. Mukand Ltd., L.B.S. Marg, Kurla, Bombay-70.
63. Rajesh Krishnamurthy
404, Vasanthi Apt., Navghar Road, Mulund (E), Bombay-51.
64. Randive Amogh Manohar
Savali, B-4/4, P.W.D. Quarters., G. J. Marg, Worli, Bombay-18.
65. Rao Srinivas Gopalkrishnan
66. Raote Paresch Nandkumar
Raote Bldg., 1106, R.B.S.K., Bole Rd., Dadar, Bombay-28.
67. Jain Dinesh Bhurmal
49, Mantri Corner, 4th Floor, Sayani Road, Gokhale Rd., (South), Dadar, Bombay-25.
68. Saini Rajiv Premchand
B-001, Gango Co-op Hsg., Soc. Ltd., Off Linking Rd., Opp. Yogi Nagar, Borivli (W), Bombay-92.
69. Samant Abhijit Purushottam
Bldg., No. 25, Rd. No. 879, Kopary Colony, Thane (E)-400603.
70. Khona Purvesh Tarachand
2, Amritdhara, Joshi-lane, Ghatkopar (E), Bombay-400077.
71. Sawant Milind Mahadeo
203/Nav Ratnagar Society, MMC Cross, Rd., 5, Mahim, Bombay-16.
72. Sethi Atul Rakesh
1, Vithal Prasad Bldg., Tukaram Nagar, Ayre Road, Dombivli (E).
73. Modi Devendra Harivadan
B/9, Arvindnagar Society Lunej Kei Navsari-396445, Valsad, Gujrat.
74. Shenoy Deepak Umesh
B/11, Upkar Co-op Hsg., Shivmandir Rd., Ramnagar, Dombivli (E), Thane.
75. Shetty Dinanath Rama
370, Dattu Bldg., Ghunghat Nagar, Agra Road, Bhiwandi 421302.
76. Sureshkumar R.
55/1356, Kannamwar Nagar, Vikhroli (E), Bombay-83.
77. Tambe Dinesh Damodar
Ratan House, II Floor, Gokhale Road, Thane (W)-400601.
78. Tarlochan Singh Harbans Singh
8, Gurujas, Bhawan, Quarry Road, Bhandup, Bombay-78.
79. Tripathi Shivmani Jagmohan
403, Irani Chawl, G. K. Marg, Worli Naka, Bombay-18.
80. Wadhwa Arun Manohar
503, Silver Isle, Amboli Mahatarpada, Andheri (W), Bombay-58.
81. Wagle Bhalchandra Devidas
Pragat Co-op. Soc., B-12, M. K. Road, Naupada, Thane-400602.
82. Karkera Sandeep Sanjeeva
Flat No. 601, Ashoka Appt., Mahatma Phule Road, Mulund (E), Bombay-81.
83. Mehta Nilesh Chandrakant
B/404, Anant, Sarvodaya, Parwanath Nagar, Nahur (Rd), Bombay-80.
84. Suresh Srinivasan
B-31, Sunder Apts., Sion-Trombay Road, Opp. Diamond Gardens, Chembur, Bombay-71.

85. Vedak Neelendra Ashok
12-C, Kamet Anushaktinagar Trombay,
Bombay-94.
86. Vengurlekar Asim Sudhakar
B-403, Sitavihar, L.B.S. Marg, Naupada, Thane
(W), Bombay-400 602.
87. Moghe Prasanna Bharat
B/25, Chintamani Soc., Mulund (East),
Bombay-81.
88. Joshi Shital Bhartendu
104, Neptune Cross Rd., No.4, Swami Samarth
Nagar, Andheri (W), Bombay-58.
89. Shastri Mokshada Pravin
3, Hakoba House, Shree Krishna Nagar, Borivali (E),
Bombay-66.
90. Lahoria Rajesh Rajkuniar
Suit No. E 11, 31 Madan Chatterjee Lane, Calcutta
700007.
91. Mansinghka Abhimanyu Vijay
147/12, Sargam Bldg., Sewree Wadi, Rd.-9,
Wadala, Bombay-400031.
92. Rêge Rakesh Devdatta
77/C, Govind Niwas, Ranade Rd., Shivaji Park,
Dadar, Bombay-28.
93. Sane Suhas Vinod
A-1, Arunodaya Society, Rajawadi, 7th Road,
Ghatkopar 77.
94. Raikar Yogesh Ganpat
316/E, Hemrajwadi, Thakurwadi, Bombay-2.
95. Patki Paral Prabhakar
Radhe Govindniwas, Karnik Road, Kalyan.
96. Goradia Kuntal Rajesh
B-104/103, Matruchhaya, Vithalbhai Road, Vile
Parle (W), Bombay-56.
97. Padmavathy Saranathan
G/12, Navageetha Soc., St. Anthony Road,
Chembur, Bombay-71.
98. Baikar Mangal Balaram
102/3521, Nehru Nagar, Kurla (E), Bombay-24.
99. Ketkar Prashant Vishnu
Mamta, 1st Floor 87, Ghatla Rd., Chembur,
Bombay-71.
100. Akerkar Sunil Jayashihandra
1, K.D.G.B. Niwas, J. S. Road, Girgaum,
Bombay-4.
101. Lobo Anthony Belchiol
B, 7/11, Shivaji Nagar, Vakola,
Santacruz (E), Bombay-55.
102. Nashikkar Nikhil Rangnath
A-6, Suburbon Co-op. Hsg., Society, Shiv Srushti,
Kurla (E), Bombay-24.
103. Mahaddalkar Samir Jaywant
38/2, A-6/6, Jeevan Shanti Sagar, A-6/6, J. B.
Nagar, Borivli (W), Bombay-103.
104. Karki Dilip Dattatraya
B-104, Arihant, Ramwadi, Manpada Rd.,
Dombivli (E).
105. Shah Jitendra Ghisalal
39/49, Goregaonkar Wadi, 1st floor, Gamdevi,
Bombay-7.
106. Ravva Sudarshan Balanarsimha
C/o. 7/3/8, Housing Board Bldg., Sion, Koliwada,
Bombay-400022.
107. Soman Vinay Madhusudan
5/79, Parleshwar Soc., Sahaji Raje Marg, Vile
Parle (E), Bombay-69.
108. Mehta Anish Kashyap
7, Umang 16th Road, Santacruz (W), Bombay-54.
109. Kapadia Dhiren Hasnmukh
191, Antariksha, Sai Bhakti Marg, Prabhadevi,
Bombay-25.
110. Kapil Arvind Ravinder
16, A, Anand Nagar, Juhu Tara Rd., 2nd Pandya
Lane, Bombay-49.
111. Mokashi Mangesh Shrikant
Saraswati Niwas, Opp. Bank Of Baroda,
Shankarrao Chawk, Kalyan.
112. Ashtekar Mahendra Baburao
3-C/5, Dr. Baliganagar, Maharishi Balmiki Rd.,
Mahim (E), Bombay-17.
113. Sarang Shailesh Yashwant
502, Abich Extension, S. N. Road, Mulund,
Bombay-80.
114. Talvelkar Kedar Ashok
5/513, New, S. S. Nagar, Sion, Koliwada,
Bombay-37.
115. Menedal Amresh Shivaputra
5, Gurukrupa, Pandurang Wadi, Dombivli
(E)-421201.
116. Dhattrak Umesh Keru
8/3, Sachin Society, Mithagar Road, Mulund (E),
Bombay-81.
117. Ambole Ravindra Bhaskra
Gomesh Nivas, Paylipada, S. T. Rd., Trombay,
Bombay-58.

B. E. MACHINE TOOLS

1. Agarwal Ashish Vishnu Prakash
104, Shyam Kamal, 'B', Agarwal Mkt., Vile Parle (E),
Bombay-57.
2. Anand Narayan
C-10/154, Century Rayon Colony, Shahad. Dst.
Thane-421 103.
3. Bhandari Sukesh Herror
B-29, Chiretan Bldg., Kurla (E), Shiv Shruti,
Bombay-24.
4. Bhide Chaitanya Shreehari
3, Shilpshri Apt., Brahmin Soc., Naupada, Thane
400 602.
5. Date Anand Shreehari
Block No. 15, Nav Dombivli Co-Op. Housing Society,
Opp. Rly Stn., Ramnagar, Dombivli (E)-421 201.
6. Deo Atul Ravindra
C-10, Paramsukh Co-Op. Soc., Naupada, Thane
400 602.
7. Desai Mittal Jitubhai
13, Shankar Maya, R. B. Mehta Road, Ghatkopar (E),
Bombay-77.
8. Deshpande Alpane Ashok
23, Nandadeep Soc., Pendse Nagar, Dombivli (E).
9. Doshi Dharmendra Bipinkumar
147, Lohar Chawl, Tawawala Bldg., 3rd Floor, Room
No. 56,57,58, Bombay-400 002.
10. D'souza Joaquim Vital
A 4/6 M.E.I. Quarter, Kalwa, Thana-400 605.
11. Gandhi Gaurav Naresh
321/A, Ravi Kiran, Deodhar Rd., Matunga,
Bombay-19.
12. Haragaonkar Jayant Madhukar
Bldg., No.B-136/5, Govt Colony, Bandra (E),
Bombay-51
13. Hegishte Ashish Arvind
4, Alka Gokhale Rd., Naupada, Thane-400 602.
14. Joag Manoj Vijay
Plot No. 152, Prashant Bldg., Kansai Section,
Ambernath (E)-421 501.
15. Karani Biren Suresh
12/Nivant Bajaj Road, Vile Parle (W), Bombay-56.
16. Karode Sameer Gajanan
21, Giriraj Society, Gokhale Rd., Naupada,
Thane-2.
17. Kelkar Dnyanesh Sham
M-205, Ramyanagri Bibewadi Pune-411 037.
18. Khadye Vijaykumar Sudhakar
C/56 Dhake Park, Natwar Nagar, Rd. 1, Jogeshwari
(E), Bombay-60.
19. Kulkarni Ashutosh Govind
Yayati, 1st Floor, 5th Kasturba Road, Borivli (E),
Bombay-66.
20. Kulkarni Manoj Raghavendra
21, Adarsh Society, Opp. S.B.I., Naupada, Thane.
21. Laghate Prasanna Ashok
Block No. 1, Mayavi Manor, Sir Mathurdas Vasanji
Road, Andheri (E), Bombay-69.
22. Misra Shrivankumar Prem
55, Dharam Jyot No. 4, A.B. Nair Road, Juhu,
Bombay-49.
23. Mulay Rahul Vishwanath
106, Brahmin Soc., Naupada, Thane-400 602.
24. Panchal Ashokkumar Purushottam
D-13, Sumatidham, Veena Nagar, Phase-2, Bal
Rajeshwar Road, Mulund (w), Bombay-80.
25. Parikh Nirav Yogesh
35/6, Shree Niketan, Chaupaty Bandstand,
Bombay-6.
26. Patkar Sameer Prakash
Mhatre Bldg., Tilak Nagar, Dombivli (E).
27. Patwardhan Sudhir Madhukar
6, "Megha" Jai Jawan Lane, Dattary Road, Malad
(East), Bombay-97.
28. Phatak Yogesh Mukund
A/33, Satya Apts., Gawand Path, Gokhale Rd.,
Naupada Thane-400 602.
29. Popat Sanjay Kantilal
A/6, Rajkamal Bldg., Carter Rd., No.3, Borivli (E),
Bombay-66.
30. Rajeev Radhakrishnan
Flat No.8, Prasanna, 539, 11th Road, Chembur,
Bombay-71.
31. Salvekar Sudhir Narayan
10/4, Sarthak Pandurang Wadi, Manpada Road.
32. Shanbag Balkrishna Vishwanath
4, Shinde Chawl, Village Rd., Bhandup,
Bombay-78.
33. Sonawane Deepak Baban
32/2217, M.H.B. Colony, Kala chawki,
Bombay-33.
34. Soni Vinod Chimanlal
14, Vrindavan Society, 2, Kalol(E), North, Gujrat
35. Thatte Amod Sunitkumar
8/140, Parleshwar soc. Sahaji Raje Marg, Vile Parle
(E), Bombay-57.
36. Vishwakarma Chandrakumar Nagnath
Ramsakal Vishwakarma, Gutwan (Jalalpur),
Madhpur, Jampur, U.P.
37. Kulkarni Varad Vasant
'Gurukrupa', Near Vishwajit Soc., Veer, Savarkar
Path, Thane-400 602.
38. Athawale Anil Nilkanth
B/40, Ankur, Tambe Nagar, Mulund, Bombay-81.
39. More Sandeep Anant
138/4642, Nehru Nagar, Kurla (E), Bombay-24.
40. Shah Apurva Champak
A-2, Tulsibaula Chandawarkar, Road, Borivli (W),
Bombay-92.
41. Ghonasgi Milind Nilkanth
1, Govardhan Nagar, J. N. Road, Mulund (W),
Bombay-80.

B. E. PRODUCTION

1. Andhatri Kanchan Vishnu
Seeta Sadan, Block 1, Hanuman Nagar, D.N.C. Road,
Dombivli (East), 421 201.
2. Dhiravani Priti Bhagwandas
41/836, K. Nagar-1, Vikhroli (E), Bombay-83.
3. Iyer Rema Vaidhyanathan
Room No.18, 'Varsha', Plot No.17, Garodia Nagar,
Vallabhaug Lane, Ghatkopar (E), Bombay-77.
4. Khandeparkar Devayani Suresh
15, Gautam Cottage, Mithagar Road, Mulund (E),
Bombay-81.
5. Mulmuley Smita Nandkumar
A/19, Vijaynagar Apts., Eksar Road, Borivli (W),
Bombay-92
6. Poshia Vibhisha Bipin
Poshia Vibhisha, B-137, Vrindavan, LBS Marg,
Ghatkopar (W), Bombay-86.
7. Tendulkar Meenal Dinanath
8/1, Vaishali, G.S. Gupte Rd., Jaihind Colony,
Vishnunagar, Dombivli (W).
8. Barve Ashish Vishwas
6, Matru Mandir, Prashant Nagar, Naupada,
Thane-2.
9. Bhanushali Prashant Dayalji
202/5529, Amar Jyot, Ghatkopar (E), Bombay-73.
10. Bommakanti Anil Gopalakrishnamurthy
13/180, Shivgeet, Garodia Nagar, Ghatkopar (E),
Bombay-77.
11. Burli Jagannath Sheshagiri
J. S. Burli C/o. Mr. A. G. Kulkarni, 301, Raj Apt., Off.
G. Gupte Road, Dombivli (W). 421 202.
12. Chinya Arvind C. S. Shankarnarayana
MS/RB/II/50/9, Central Railway Qts., Sion (W),
Bombay-22.
13. Deshmukh Ashish Arvind
Nilkantha Niwas, R. M. Road, Naupada, Thane (W).
14. Ganesh K. Shankarnarayana
MS/RB/II/50/9, Central Railway Qts., Sion (W),
Bombay-22.
15. Ghosh Shankar Pronabkumar
10, Sandeep Park, Sion, Trombay Road, Deonar,
Bombay-88.
16. Godbole Mohnish Gajanan
5/11, Ashok, Udyan CHS, Ghatkopar (E),
Bombay-75.
17. Goradia Devang Anil
4, Modikunj, N. S. Rd., No. 5, Juhu Scheme,
Bombay-56.
18. Gupta Mukul Brahmprakash
235, Rewal Industrial Estate, Senapathi Bapat Marg,
Lower Parel.
19. Hule Anand Atul
20. Iyer Srikant Ganesh
5, Rayat Society, Tilaknagar, Dombivli (E),
Thane-421 201.
21. Jain Nalin Nirmal
101, Anand Kanchan, P. M. Road, Vile-Parle (E),
Bombay-57.
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3, Krishna Mahal, Hanuman Road, Vile-Parle (E),
Bombay-57
23. Kamath Pradeep Prakash
17, Gloria, Nahur Rd, ST. Plus colony, Mulund
(W), Bombay-80
24. Kothari Nilesh Partaprai
A/111 Datiya Nagar, Nepeenora Rd, Bombay-6
25. Lele Paresch Shivram
B/4, Swami Shivanand Soc, Chakala Rd, Andheri
(E).
26. Mehra Prashant Ramesh
19, Merry Niketan, Near Mount Mary Church Rd,
Bandra, Bombay-50
27. Narvekar Swapnil Laxman
301/15-c Vaishali Nagar, Jogeshwari
(w), Bombay-102
28. Patil bhupesh Sashikant
3, Siddhyeshwar, 102 Tilak Rds,
Ghatkopar(e), Bombay-77
29. Rana Mahish Rameshbhai
20/4 Navi wadi, Dady Sheth Agyari Lane, Girgaum
Rd, Bombay-2
30. Rao Nityanand Shama
c-8 Kolungade estate, Kolbad, Thane-400601
31. Salvi Rajesh Arvind
1/2, Sadichha, Mith Bunder Rd, Chendani, Thane
(E)
32. Samant Vinaykumar Anand
90 Kalina, Santacruz (E), Bombay-29
33. Sanjay Sudhakaran
Flat No.5, Wadilal Naivas, Bail Bazar,
Old Kurla, Bombay-70
34. Shan Bhavin Dushyant
79/81 Gowalia tank, 2/20 Nirmal Niwas no.2,
Bombay-36
35. Shah Vasanti Punshi
3/10 Shenviwadi, Janki Niwas, 2nd Floor, Room
No.23 Khadilkar Rd, Girgaum Bombay-4
36. Shah Kalpesh Hemendra
2, 12 Sukh Shanti, 8th N. S. Rd, Juhu Scheme, Vile
Parle (w), Bombay-49
37. Shankar Krishnamoorthy
1/9, Twinkle star co-op soc, Ghatla village Rd,
Chembur, Bombay-71
38. Thakur Pralhad Atmaram
c/3, sahyadri Bldg, Pandurang wadi,

- Goregaon(E),Bombay-63
39. Thombare Abhijit Shantaram
10 FNMBewadi, J. S. S. Raod, Girgaum, Bombay-4
40. Trivedi Ninad Rameshkumar
9/Jitendra Bhuvan, Hanuman Rd-3, Vile Parle (E),
Bombay-57
41. Vakilna Samir Anil
299, Dalal Niwas, Mathuvadas Rd. Kandivli (w),
Bombay-67
42. Wuppalapati chaitanya Prasadaro
B4/12, Kanaya Nagar, Kopri colony, Thane(E)
43. Chandra Somshankar Sunilkumar
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44. Iyer Ramnath Narayan
O-1, Bunglow, Om Aishwarya, Chembur,
Bombay-71.
45. Shah Amish Chandrakant
A/8, Allabh Soc., Tilak Rd., Ghatkopar (E),
Bombay-77.
46. Datipkar Nitin Dattatray
8, Mangaljivan Co-op. Hsg., Soc., Tagore Rd.,
Ramnagar, Dombivli (E)-421 201.
47. Mhatre Ratish Anant
9, Madhumalti, Gokhle Rd., Naupada, Thane-2.
48. Limaye Mahesh Madhukar
Phadke Bldg., Ahilyabai Chowk, Kalyan
(W)-421 301.
49. Subhash Venugopalan
B-6, Shree Ganesh Co-Op., Hsg., Soc., Mulund (W),
Bombay-80.
50. Kotnis Sonal Sharad
41-S Patrakar Nagar, Kalanagar Rd., Bandra (E),
Bombay-51.
51. Ruparel Bhavisha Jaysinh
Sector 6, R.W.I., C-13, Vashi New
Bombay-400 703.
52. Patankar Amogh Ravindranath
Reserve Bank Staff, Quarters, B-95, 11th Floor,
Maratha Mandir Marg, Bombay Central.
53. Bendale Shirish Sadashiv
241, Rohini ITI Soc., Shivajinagar, Ambernath (E),
Thane 421 501.
54. Jaiswal Sandeep Shaitalprasad
2/92 Liberty Bld., Garodianagar, Ghatkopar (E),
Bombay-77.
55. Bakshi Abhijit Umakant
13, Shivkrupa Sudam, Datta Nagar, Dombivli (E).
56. Shetty Virendra Muddanna
25. Jeevan Tara, Azad Rd., Vile Parle (E),
Bombay-57.
57. Ananthkrishnan Subramanian
Bombay Forgings, Vidyanagar Marg, Kalina,
Bombay-98.
58. Chandna Jitendra Wazirchand
9/21, Janta Co-op Hsg., Soc., Nadiadwala
Colony-2, Malad (W), Bombay-64.
59. Nigudkar Kaustubh Arun
Block 2. Pitrukripa, 16th Rd., Chembur,
Bombay-71.
60. Kapoor Manish Harbansal
4/4, Laxmi Colony, Chembur, Bombay-74.
61. Lakhani Jatinkumar Chhotalal
C. H. Lakhani, 5, Neelkanth Bldg., RHB Rd.,
Mulund (W), Bombay-80.
62. Kanetkar Ravindra Sharadkumar
Phatak's Bungalow, Ram Mandir Rd., Vile Parle
(W), Bombay-57.
63. Shenoy Vinod Vaman
Block No. 201, 2nd Floor, Mahavirdham, Tilak
Nagar, Dombivli (E)-421 201.
64. Andrades Johnson Robert
Boriwadi Mulgaon, Post. Vasai, Dist.
Thane-401 201.
65. Shanbag Satish Vithaldas
Block No. A/10 Yayati Soc., Borivali (E),
Bombay-66.
66. Kale Milind V.
2/22 Jayas society, J. P. Nagar, Goregaon (E),
Bombay-63
67. Gokhale Mangesh S.
Hemprabha Chs. Chitranjan Rd. Vile Parle (E)
Bombay-57
68. Desai Bhavesh Prakash
141/ Enter pisc Apt, Forjet wil Rd, Tardeo,
Bombay-36
69. Nanda Jagjyotsingh M.
4, Dawat Near Colaba rd. Bombay-5
70. Deshpande Rajesh A
3/5 Deep jyoti, Rajaji path, Dombivli (E)
71. Mankar Prasad M.
12, Amrit Manthan Chs, Shastri nagar, Dombivli
(W)
72. Nayak Sunil E.
E-113 Prem nagar, 1st floor, Thane (E)-400 603
73. Kothari Nimesh H
203, Shankar, Hingwalar 'X' lane, Ghatkopar (E)
74. Rajesh Gopalan
B/3, Jagdish Nagar, Musco colony,
Khopoli-410216

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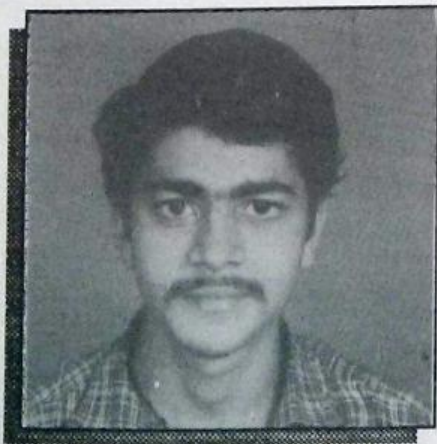
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ॐ पूर्णमदः पूर्णमिदं पूर्णात् पूर्णमुदच्यते ।
पूर्णस्य पूर्णमादाय पूर्णमेवावशिष्यते ॥ १ ॥

1. OM. Whole is that (Brahman), whole also is this (world). From whole comes the whole; take whole from whole; (yet) whole remains.

ॐ ईशावास्यमिदं सर्वं यत् किं च जगत्यां जगत् ।
तेन त्यक्तेन भुञ्जीथा मा गृधः कस्य स्विद्धनम् ॥ २ ॥

2. OM. Whatever exists in this world is to be enveloped by God (the Ruler.) By renouncing it (the world) thou mayst enjoy. Do not covet the riches of any one.

मूकं करोति वाचालं पङ्गु लङ्घयते गिरिम् ।
यत्कृपा तमहं वन्दे परमानन्दमाधवम् ॥ ३ ॥

3. I bow down to Madhava, the Bliss Eternal; to Him whose grace enables the dumb to speak (and) the lame to go across a mountain.

ॐ प्रणो देवी सरस्वती वाजेभिर्वाजिनीवती
धीनामवित्र्यवतु ।

ॐ चोदयित्री सूनृतांना चेतन्ती सुमतीनाम् ।
यज्ञं दधे सरस्वती ॥ ४ ॥

4. OM. May Sarasvati, the Divine, protect us by her strength-giving favours, She who is rich in strength-giving favours, the protector of our thoughts, Sarasvati, who inspires hymns

and promotes pious thoughts, brings about our sacrifice.

ॐ असतो मा सद् गमय । तमसो मा ज्योतिर्गमय ।
मृत्योर्माऽमृतं गमय ॥ ५ ॥

5. OM. From the unreal lead me to the real. From darkness lead me to light. From death lead me to immortality.

ॐ सह नावतु सह नौ भुनक्तु सहवीर्यं करवावहे ।
तेजस्विनावधीतमस्तु, मा विद्विषावहे ॥ ६ ॥

6. OM May God protect us both at the same time; at the same time support us both; May both of us at the same time apply our strength. May our learning be illustrious. may there be no hatred (between us)

सर्वेऽत्र सुखिनः सन्तु सर्वे सन्तु निरामयाः

सर्वे भद्राणि पश्यन्तु मा कश्चिद् दुःखमाप्नुयात् ॥ ७ ॥

7. May all here be happy. May all be free from disease. May all see well-being. May nobody experience misery.

ॐ शान्तिः । शान्तिः । शान्तिः-॥

OM.. Peace, Peace, Peace!