

Dr. D. Acharya Chairman, AICTE



Dr. D. Acharya, FNAE, FNASc, Chairman, AICTE has unique strength in combining the academics with administrative skills in turning around Institutions. He has also proved himself as an excellent leader and organizer in motivating the academicians to get into the world of real life industrial problem solving, sponsored research, entrepreneurship, IPR creation and technology transfer.

Academics

As an academician Prof Acharya has the distinction of supervising 30 Ph D students and publishing over 80 papers in National/International Journals. His academic contribution has been recognized by two of the four national Academies: Indian National Academy of Engineering and The National Academy of Sciences.

Academic Administration

Prof. Acharya has left inedible marks in the field of Academic Administration. His contribution to opening for the first time a B.Tech Programme in Industrial Engineering in IIT System, propelling Vinod Gupta School of Management, IIT Kharagpur to 11th position in the country, reforms in JEE system of IIT's bear testimony to his abilities. Within a short period of two years, as the Founding Vice-Chancellor of Biju Patnaik University of Technology, Rourkela, he has built a Technical University System with 109 affiliated and constituent colleges that may be emulated by others. Introducing flexible curricula and syllabi, keeping the national /International trend and GATS requirements in view, with such features as Credit System, Continuous Evaluation, appropriate mix of Science, Engineering, hard Professional and Soft Humanities and management inputs are some of the novel features of BPUT. He has been successful in implementing non-negotiable academic calendar and in publishing results within a short period of three weeks, a record which few universities can surpass. He has also successfully introduced such novel welfare features as compulsory insurance for every student, full support for education in the event of the death of parent/guardian and

-----continued on page 3

Prof. R.A. Yadav Vice-Chairman, AICTE



Professor R.A. Yadav has joined as the Vice-Chairman of the All India Council for Technical Education (AICTE) w.e.f. March 30, 2005.

Dr. R.A. Yadav holds a Master Degree specializing in Finance and Control with first-class, first rank (Gold Medalist) from the University Business School, Punjab University, Chandigarh. He did his Ph.D. in Finance and Control from Delhi School of Economics.

He has been actively involved in management education, training, research & consultancy for the last 32 years. His main areas of interest in teaching, research and consultancy are Corporate Restructuring, Corporate Turnaround, Management of Banks & Financial Institutions, Financial Engineering, Risk Management, Venture Capital, Mutual Funds, Management of Financial Services, Project Appraisal, Portfolio Management, Financial Derivatives and Strategic Management. He has authored three books and completed five research projects. One of his book was awarded DMA - Escorts Best Book Award, 1987. His books include "Management & Monitoring of Industrial Sickness", "Managing Corporate Turnaround" and "Financial Ratios and the Prediction of Corporate Failure". He has published a large number of research papers and cases both in national and international journals. He has attended various professional courses both in India and abroad.

Dr. R.A. Yadav has eight honours and awards to his credit. He is recipient of European Commission Fellowship during 1993-94. He has been Visiting Professor in Katholieke University, Leuven, Belgium and a senior faculty member in Northern India Bank Staff Training College, Delhi and Shri Ram College of Commerce, University of Delhi. He is Founder Member and Secretary of Indian Financial Management Association (IFMA). He is Editor-in-Chief of Indian Journal of Finance and Research, which is one of the leading journals in Finance in India and abroad. He is

-----continued on page 3

LEADERSHIP SKILLS

The success of any organisation is dependent on the quality of leadership. Dynamic and effective leadership is a major segment of the success. Leadership is the focus of activity for achieving set goals. Leadership is an important aspect of managing.

Broad Meaning of the word Leader

- Leads the people to achieve the set goals
- Encourages the people to do the work/task
- Appreciates the people for good work
- Directs the people and takes the decision
- Empathy towards the people
- Receptive and a role model for the people

Six Words to Remember

- L - Listen
- E - Empathy
- A - Accomplish
- D - Drive
- E - Encourage
- R - Receptive

Basics of Team Leadership

As the leader, you must keep your team's mood upbeat and ensure that the activities it pursues are productive. In other words, you must be a motivator. Several ways to keep your team motivated are listed below:

- Be flexible. Listen to complaints and ideas objectively.
- Treat all team members equally and give each one personal attention as required.
- Find ways to recognize and reward good work.
- Provide regular sources of information and feedback.
- Involve everyone, when appropriate, in decision-making.
- Keep the promises you make to all team members.
- Be consistent and act positively, even if you feel negatively.
- Support your institution's policies and procedures.
- Stay calm when under pressure and provide an appropriate role model.
- If possible, provide opportunities for advancement.
- Make sure goals are clearly communicated and understood.
- Praise good performance in public and counsel poor performers privately.

Follow the above mentioned skills and become a successful leader in your field.

Source : ISTE-CIICP Publication - Institution Management



PROFILE OF AN ENGINEERING TEACHER

Dr. R.P. Singh Suker-Chakia



Dr. R.P. Singh Suker-Chakia was born on November 16, 1946 at Amritsar. He had a brilliant academic profile and obtained his B.Sc. Mech.Engg. with (HONS) from Punjab University in 1967 and M.Tech. (Thermal) in 1976 under QIP and awarded Ph.D. (Turbo-Machines) in 1983 from IIT, New Delhi.

Dr. Suker-Chakia joined as Lecturer at Government Polytechnic, Amritsar in 1967 and shifted to Guru Nanak Dev Engineering College in 1968, rose to the position of Asstt. Professor and Professor (Mech.) in 1984 and 1988 respectively and established Heat Engine Laboratory, Heat Transfer Laboratory and an excellent Computer Centre. He assumed responsibility of Headship and Vice-Principalship in 1995 and became Principal of his Alma-Mater in 1997, till date. In between, he took reins of the Government Engineering College, Ferozepur, as its Principal (2001-03).

He has held many positions of responsibility such as Head of Deptt., Dean (Hostels), Dean (Academics), Dean (Sports) and Projects - Coordinator. His areas of interest and R&D work are Thermodynamics, Heat Transfer and Solar Energy. He has published nearly 20 papers. Dr. Suker-Chakia has supervised a large number of B.Tech. and M.Tech. Research Projects as well as worked on a number of Projects funded by AICTE. He is currently guiding 3 Ph.D. Scholars besides having evaluated 3 Ph.D. Theses. He has served as AICTE Nominee and Member of many Selection Committees for recruitment of Faculty. He is reviewer and is currently on the Editorial Board of ISTE Journal since 2000. He has visited many universities in USA, Canada and Pakistan during his visit to these countries.

Dr. Suker-Chakia, as Principal, has been instrumental in raising the static and stagnant B.Tech. intake (for 34 years) of 180 since 1983, to 250 in 1997 and then to 320 and 390 in 2001 and 2004, respectively at GNEC, Ludhiana and from 240 to 350 in 2003 at Government Engineering College, Ferozepur.

Dr. Suker-Chakia has been AICTE nominee in the Governing Councils of many Engineering Colleges, member and ex-Chairman BOS (Mech.) for Punjab University. He is the Chairman of ISTE Punjab, Chandigarh, H.P. & J&K Section since the last five years as well as of the local ISTE Chapter, and ex-member of the National Executive Council of the ISTE (2001-02).

Dr. Suker-Chakia is a life Fellow of the Institution of Engineers (India) and Life Member of Indian Society for Technical Education and Indian Society for Mechanical Engineers.

-----Chairman, AICTE continued from page 1

Centralized Placement Facility for all graduates .All the colleges of the university are electronically connected. The University works with less than 1.0 non-teaching to teaching staff ratio. Prof Acharya has made significant contributions to number of institutions such as IIT, Kharagpur ,NIT Rourkela and Biju Patnaik National Steel institute as member of their boards. His contributions to AICTE as member of Eastern Regional Committee, UG Engineering Education Review Committee, Undergraduate Board of Studies are all worth mentioning.

Sponsored Research, IPR Protection and Entrepreneurship Development

Besides personally handling projects over Rs 15 crores, he has been instrumental in developing a Sponsored Research and Industrial Consultancy System in IIT Kharagpur as its Dean to increase the SRIC revenue from mere Rs 2.0 Crore to Rs 18.0 Crore in a period of three years. The robust system now earns revenue of Rs 90.0 crore per year, As Executive Director of Science and Technology Entrepreneurship Park with the help of DST. Govt of India, Govt of West Bengal Financial Institutions he could pull out a sick STEP to make it one of the best in the country. As Dean, he initiated IPR movement in IIT Kharagpur and could get over 40 patents for its faculty including 6 International patents in three years. Seven technologies were transferred.

-----Vice Chairman, AICTE continued from page 1

also Chief Editor of LBS Journal of Management and Research. He has been actively involved in conducting a large number of Management Development Programmes for senior and middle level executives from Government, Private and Public Sector.

He has been member of the Board of many organizations and various committees, both Govt. & Corporate. He was Director DSE, nominated by Securities & Exchange Board of India (SEBI) for four years from October 1996 to December 2000. He was Director UCO Bank (A Government of India Undertaking) from March 2001 to March 2004. He has been again nominated as Director, UCO Bank since November 2004. He was also Member, SEBI Working Group for Investors Protection & Education. He is a member of Governing Council, Foundation for Academic Excellence and Access (FAEA), funded by Ford Foundation. He is also member of AIMA-CMS Advisory Board. He has widely travelled abroad including Europe and USA. Recently, he participated in the World Bank Group and IMF Conference at Washington DC and delivered a series of lectures at various B-Schools in USA.

Prior to joining AICTE, Dr. R.A. Yadav has been Professor of Finance and Strategic Management at Faculty of Management Studies, University of Delhi and Founder Director at Lal Bahadur Shastri Institute of Management, Delhi.

PERSONAL COLUMN

- **Dr. Ashok A. Ghatol** has taken over as Vice-Chancellor, Dr. Babasaheb Ambedkar Technological University, Lonere on 11-5-2005.
- **Dr. D. Nagarathinam**, has taken charge as Principal, Bharath Niketan Engineering College, Aundipatti w.e.f. 11-5-2005.
- **Dr. Gurumurthy Vijayan Iyer (LM)** has been awarded Tamilnadu Government Environmental Award-2004 for the Best Research Essay during World Environmental Day. He has also presented a research paper entitled **Eco-Friendly Rubberized Cotton Fabric Roller Development for Cotton Roller Gins** in 18th National Convention of Agricultural Engineers and National Seminar on **Role of Agricultural Engineers in the Development of Cash Crops** during 26-27 March, 2005 held at Tamilnadu Agricultural University, Coimbatore.

Our Hearty Congratulations to all the above members!

Appointment of Returning Officer for the conduct of ISTE Elections

Dr.(Mrs.) Renu Bapna, Executive Council Member of ISTE is hereby appointed as **Returning Officer** for the conduct of Elections to the various functionaries (i.e. ISTE Executive Council, Chairmen of ISTE Sections and ISTE Section Managing Committees) of ISTE for the period 2006-2008, as per the recommendations of the ISTE Election Committee meeting held at ISTE Headquarters, New Delhi on 13th April, 2005.

R.S. NIRJAR
President, ISTE



QUOTE FOR THE MONTH

Most people would succeed in small things if they were not troubled with great ambitions.

- Longfellow, Driftwood

WIT AND WISDOM

- Constant success shows us but one side of the world; adversity brings out the reverse of the picture.
- Colton
- In youth the days are short and the years are long; in old age the years are short and the days long.
- Panin
- If you wish to reach the highest, begin at the lowest.
- Syrus, Maxims
- There is no cosmetic for beauty like happiness.
- Lady Blessington
- An excuse is worse and more terrible than a lie; for an excuse is a lie guarded.
- Pope
- Every man has three characters : that which he shows, that which he has, and that which he thinks he has.
- Alphonse Karr



ACTIVITY FOR THE MONTH

Topic for Discussion : Engineering Profession and the Human Values

Discuss the above in a Chapter Meeting and send your feedback.



PRESIDENT'S COLUMN



Managing the Centre for CEE

Continuing Engineering Education is a challenge to engineering institutions. Industry's rapidly changing environment and restructuring of work have opened a new and growing educational market. If the institutions want to take up their share of responsibility of CEE, they must acquire new skills and capabilities. Institutes must become customer oriented to provide educational services

for the continuously changing needs of working adults and business. They must aggressively approach the industry and market their services and competencies.

Institutions must develop their own organisations to meet the new working and organisational requirements. Teaching of experienced people is demanding. Interpersonal skills are needed among the teachers. CEE centres will have to develop skills and competencies needed to assess CEE needs of industries and individual employees. New management practices will have to be developed in the institute.

The Critical Factors in the Management of CEE Centre are:

- the customers (participants, funding bodies, industries) are satisfied to the extent that they market centre's services.
- the products are of high standard.
- the centre earns enough income to cover its costs including substantial R&D work needed to guarantee its future.
- the centre is flexible and effective in responding to the potential customer demands and challenges of the future.
- the centre has a clear vision and well defined strategic goals for the future.
- the institute, industry and society are satisfied with the result of the centre's work.
- the employees are well motivated and productive in their work.
- the centre has a good marketing and rewarding system to get experts (both academic and from industry) to teach the courses.
- the centre and its products are all well known by the customers and other important interest groups.
- the centre utilises the information it gets through its networks and information channels.
- the centre has an effective methodology to produce new training ideas.
- the centre has linkages with other centres.
- the institute top management supports continuing education and understands that CEE is valuable, difficult to deliver and different from formal education.
- the centre brings every year new successful products to the market.
- the image of the centre is visible.
- the centre has in its use effective technical equipment and working methods.
- the centre's own accounting system and information system is effective and useful.
- the centre has optimized administrative overhead costs.

Source : ISTE-CIICP Publication -Institution Management



VIEWS AND COMMENTS

Sincerity and Honesty in Partnership Leads to Development of the Nation

I have read the article of Prof. R.S. Nirjar, President, ISTE "Partnership". It was very interesting and extremely useful to all the people who are interested in **Team Work**. Prof. R.S. Nirjar is continuously giving important ideas, advices and directions to many people of the country particularly for Engineers. He has mentioned Partnership between academicians and academicians, academicians and experts from Industry, Institutions and Institutions, Institutions and Industry, it is a marvelous thought. In my view partnership is extremely useful and important for all round development of people and the nation. But honesty and sincerity must be maintained for good partnership otherwise problems may arise. For successful partnership the following points may be useful:

1. Good cooperation and understanding among the Partners must be maintained.
2. Equally sharing attitude for money and resources.
3. Positive thinking among all the partners.
4. Choosing suitable partners for partnership
5. In Teamwork allocation of work among the partners must be done so that there will be no confusion among the partners.

The partners must have sacrificing attitude to face any type of challenges and problems. "The great scientist Thomas Edison has lost his factory in fire at the age of 67, he did not wept, but he watched his life time achievements go up in smoke and he said **"There is a great value in disaster, all our mistakes were burnt up thanks to god we can start new things"**. In spite of disaster, three weeks later he invented **Phonograph** **What a wonderful attitude!**

Dr. N.C. Upadhyay
Reader in Met.Engg.,
MNIT, Jaipur

Teaching How to Teach?

Based on experience, a few thoughts have been expressed here which our teaching fraternity may find useful. This is based on a Short Lecture delivered in a session at AICTE-ISTE STTP on **Mechatronics** held at NSIT, New Delhi in June 2003, organised by Prof. B.C. Nakra.

1. Before the start of a course/lecture, the objective must be clearly defined. What is the relevance of the subject to the Profession/Society? How the contents of the lecture will help one to do what is expected of him/her?
2. Know your students. This is best done by calling roll call by name. Never identify them by their roll numbers!
3. Prepare background of the lecture by asking questions.
4. Be highly interactive. See, no one sleeps!

-----continued on page 6



LITTLE SECRETS OF SUCCESS

To succeed in this world, remember these three maxims : to see is to know; to desire is to be able to, to dare is to have.

— Alfred De Musset

NEWS FROM ISTE CHAPTERS

ANDHRA PRADESH

- **KL College of Engineering, Vaddeswaram** organised a lecture on **Learning Skills and Memory Management** by Dr. M. Basavaraj, Vice-President, ISTE on 5-3-2005.

KARNATAKA

- **R.V. College of Engineering, Bangalore** arranged a Faculty Development Programme on **Modern Teaching Methodology** by Human Networking Academy, Bangalore during 1-3 March, 2005.
- **SJC Institute of Technology, Chickballapur** has been certified by ISO-9001:2000 BVQI, the ISO Inspection Team had visited and inspected the College on 17-18 March, 2005. The Chapter conducted Faculty Development Programme on **Embedded Systems & VLSI Design** during 15-16 April, 2005.

MAHARASHTRA & GOA

- **Pravara Rural Engineering College, Loni** organised two days workshop on **Industrial Vibrations - A Diagnostic Approach** at State Level on 1-2 April, 2005.
- **AISSMS College of Engineering, Pune** conducted seminar on **ANN for Beginners** on 19-2-2005, guest lectures on **Stress Management** on 26-2-2005 and **Intellectual Property Rights and Related Issues of University of Pune** on 18-2-2005.
- **College of Engineering & Technology, Navi Mumbai** organised lecture on **Mitigation of Natural Hazards in India - Interlinking of River Project** on 17-4-2005 by Dr. A.K. Rastogi, Professor, Dept. of Civil Engineering, IIT Bombay.
- **Babasaheb Naik College of Engineering, Pusad** organised ISTE approved SF-STTP Programme on **Theoretical Computer Science** during 25-30 November, 2004. The Programme was inaugurated by Dr. B.B. Chopne, ex-President, ISTE.



L to R : Prof. R.D. Thakare, Prof. H.B. Nanwala, Prof. B.M. Thakare, Dr. B.B. Chopne, Prof. N.M. Gatphane and Dr. N.S. Choubey.

- **D.J. Sanghvi College of Engineering, Mumbai** organised ISTE-STTP on **Digital Communication with Recent Developments** during December 20-31, 2004.
- **B.D. College of Engineering, Sewagram, Wardha** organised an expert lecture on **Tsunami Reasons and Aftermath** by Dr. Y.P. Katpatal on 25-1-2005.
- **Sardar Patel College of Engineering, Andheri(W), Mumbai** conducted a Self-Financing Short-Term Course

on **Enabling Technologies and Technology Driven Practices for Accemnating Value Chain Management**.

- **Vishwakarma Institute of Technology, Pune** conducted two weeks AICTE-ISTE STTP on **Embedded Systems - Present Scenario** during 13-27 December, 2004.
- **Thakur Polytechnic, Kandivli (East), Mumbai** arranged one day **TECHNOFEST** (Project Exhibition) honoured by Mr. Tuhin Sinha, Advisor MEDC on 26-1-2005.



L to R : Third year Students, Prof. D.K. Singh, HoD Electronics Deptt.; Chief Guest Mr. Tuhin Sinha, Prof. G.S. Subhedar, Principal, VIT, Mumbai; Prof. P.A. Deshpande, Mr. Ibrahim, Prof. S.M. Ganachari, Principal, Thakur Polytechnic, Third Year Students.

PUNJAB, CHANDIGARH, H.P. & J&K

- **Dr. B.R. Ambedkar National Institute of Technology, Jalandhar** organised a workshop on **Helping Students to Develop Better Learning Skills and Habits** during April 1-2, 2005.
- **Thapar Institute of Engineering & Technology, Patiala** organised a National Conference on **Frontiers in Applied and Computational Mathematics** during March 4-5, 2005. Mr. Vaibhav Mittal, Promotion and Information Officer, Deptt. of Information Technology, Chandigarh inaugurated the conference and **Bioinformatics Computing** during March 18-19, 2005 inaugurated by Dr. Karmeshu, Dean, Jawaharlal Nehru University, New Delhi.

RAJASTHAN & HARYANA

- **Institute of Technology & Management, Gurgaon** organised a seminar on general gopics like **Environmental Pollution, Existence of Global Warming, Geographical Effect of Tsunami, Generalization Vs Specilaisation and Brain Drain - Pros and Cons** inaugurated by Dr. D.S. Khatri, Manager R&D, Maruti Udyog Ltd., Gurgaon and Shri Avdhesh Mishra, Hon'ble Secretary, GB, ITM on 20-4-2005.



L to R : Prof. S.C. Tripathy, Mr. J.P. Shivhare, Dr. R. Ranjan, Hon'ble Member G.B. Avdhesh Mishra, Dr. D.S. Khatri, Maruti Udyog Ltd.

NEWS FROM ISTE CHAPTERS

TAMIL NADU & PONDICHERRY

- **P.R. Engineering College, Vallam** organised a faculty development programme on **Effective Class Room Teaching** on 17-5-2005.
- **Periyar College of Pharmaceutical Sciences for Girls, Tiruchirapalli** established an Entrepreneurship and Management Development Center and organised one day seminar on **Entrepreneurship and Pharma Management** on 15-3-2005.
- **Swamy Abedhanandha Polytechnic College, Thellar** conducted short-term courses for the benefit of final semester students on **Basic P.L.C. Programme** and **Automation Studio (Hydraulics & Pneumatics)**.
- **M. Kumarasamy College of Engineering, Karur** conducted one day seminar on **Bringing the Classroom Alive** by Dr. B.R. Dwaraki, Principal, SSN College of Science for Women, Karur on 1-4-2005.
- **Annamalai Polytechnic College, Chettinad** organised two days workshop on **Career Guidance** on 24-25 January, 2005
- **Sri Sai Ram Engineering College, Chennai** organised Lectures on **Time Management** by Mr. Varadharajan, former Director, Light House and Lightships by 6-1-2005 and **Motivation** by Dr. K.P. Misra, an eminent cardiologist and renowned teacher on 17-1-2005.



Dr. K.P. Misra addressing the gathering.

L to R : Dr. Caleb, Coordinator; Prof. Seetharaman, Principal and Mr. Ramakrishnan

- **Karpagam Vinayaga College of Engineering & Technology, Kancheepuram Distt.** conducted one day seminar on **Modern Approach to Genomics in Gene Therapy** on 5-2-2005.
- **National Engineering College, Kovilpatti** conducted a special lecture on **Learning Centered Education in Learning Organisation** by Mrs. K. Vinitha, Librarian on 18-3-2005.
- **Jayaram College of Engineering & Technology, Tiruchirapalli** organised lecture on **Power Plant Engineering** on 24-3-2005. A Team from National Power Training Institute (Southern Region) delivered the lecture.
- **Dr. Mahalingam College of Engineering & Technology, Pollachi** organised a guest lectures on **Energy Management Systems** by Dr. T. Jeevanandam, Chief Technology Officer, Yokogawa Electric Corporation, Japan on 11-3-2005, **Education System in Canada and United Kingdom** on 14-3-2005 by Dr. Digvir S. Jayas, Associate

Vice President (Research), University of Manitoba, Canada and **Industry Expectations from Freshers** on 24-3-2005 by Shri Dutt N. Kulluri, Principal, Solutions Architect & Head of Large Engagements - L&T Infotech, Chennai.

- **Mohamed Sathak Polytechnic College, Kilakaria** conducted **Yoga Class** for staff and students during 6-10 March, 2005.
- **Bannari Amman Institute of Technology, Sathyamangalam** organised a special lecture on **Recent Advances in Electrical Engineering** by Dr. K.S.M. Panicker, Principal, NSS College of Engineering, Palakkad on 25-2-2005.
- **Periyar Maniammai College of Technology for Women, Thanjavur** celebrated **ISTE Day** on 23-5-2005. Er. V. Soundrapandiyan, Advisor, Periyar TBI & T&P Cell, PMCTW, Vallam delivered a special lecture on the theme **Challenges of Technological Innovations in the 21st Century**.

-----Views & Comments continued from page 4

5. Spend time in modeling and explaining assumptions.
6. Don't derive formulas and equations yourself. Participation of students is must.
7. Make sure that the physical explanation of the results is well understood.
8. Never try to complete the topic. But, do tell what has not been done with references.
9. While setting the question paper, don't refer to past papers.
10. Everyday, lecture should start with questions based on previous lecture. This is a good method of taking attendance, and of course point 2 above.
11. Make sure that you know everyone, particularly those who keep their heads down when you ask questions.
12. During discussion, sometimes lead them to wrong conclusions; and let them argue out why it is wrong.
13. Try to relate practice to theory.
14. Invite criticism.
15. Assessment should be transparent and objectively done. Discuss the script with the student.
16. Exercises/practicals should be open-ended. The inputs/outputs should be changed for every student. Insist that they comment on the results obtained.
17. Assignments must be evaluated strictly on time; otherwise these have no value.
18. Never base a lecture entirely on video/or transparencies etc. Your struggle on the black-board always makes the lecture worthwhile.
19. Lastly, speak from your head, and not from a particular book!

Prof. N.K. Tewari

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NEW ISTE CHAPTERS & STUDENTS CHAPTERS INAUGURATED

ANDHRA PRADESH

- **Jayamukhi Institute of Technological Sciences, Warangal** Chapter was inaugurated by Prof. V. Rama Rao, Hon-Secretary, ISTE AP Section & Principal, Jyothishmathi College of Engg. & Technology, Rangareddy Dist. on 29-3-2005.



L to R : Mr. T.V.R.N. Reddy, Administrative Officer; Prof. P. Rangaiah, Principal, JITS; Prof. V. Rama Rao, Secretary, IST AP Section, Prof. I.S. Rao, Principal Vaagdevi College of Engineering.

MADHYA PRADESH

- **NRI Institute of Information Science and Technology, Bhopal** Chapter was inaugurated on 23-4-2005 by Prof. R.S. Sirohi, Hon'ble Vice Chancellor, Barkatullah University, Bhopal. Shri S.C. Soni, Chairman, ISTE Madhya Pradesh & Chattisgarh Section presided over the function. A National Seminar on **Entrepreneurship in Information Technology and Related Fields** was also organised on this occasion.



L to R : Smt. Amita Mahor, Dr. S.C. Soni, Dr. T.K. Bandopadhyaya, Prof. R.S. Sirohi, Rtd. Col. P.K. Das, Prof. M.K. Upreti, Shri R.S. Gautam

MAHARASHTRA & GOA

- **MBS's College of Engineering, Ambajogai** Chapter was inaugurated on 15-3-2005 by Dr. A.R. Thete, Assistant Joint Director, Regional Office, DTE, Aurangabad. One day workshop on **Teaching Methodologies** was also organised on the same day. Dr. E.R. Ekbote, Professor, Deptt. of Education, Gulbarga University, Gulbarga delivered a lecture on the theme of the workshop.



Inauguration of ISTE Chapter by Dr. A.R. Thete, Assistant Joint Director, Regional Office DTE, Aurangabad.

PUNJAB, CHANDIGARH, H.P. & J&K

- **National Institute of Technology, Srinagar** Students Chapter was inaugurated on 25-4-2005. Prof. A.G. Lone, Dean Academics, NIT was the Chief Guest on this occasion.

TAMIL NADU & PONDICHERRY

- **Karpaga Vinayaga College of Engineering & Technology, Kanchipuram** Chapter & Students Chapter was inaugurated on 11-12-2004 by Mr. Ravichandran, Director, AICTE, Southern Regional Committee. One day workshop on **Teaching Skills and Ethics** was also organised on this occasion.



ISTE NEWSLETTER SUGGESTIONS INVITED

The ISTE Newsletter is very popular among the teaching fraternity. All possible efforts are made to maintain the highest quality and standards in its publication. The Newsletter is very much appreciated by the ISTE Members and other readers.

All the ISTE Members are requested to send their constructive and valuable suggestions for the further improvement of ISTE Newsletter.

Prof. R. Hariharan
Programme Director I/c

BOOK REVIEW

I happened to recently read a book, titled **"The Hand of God - My Life and Times"** by **Dr. H.S.S. Lawrence** (published by OM Books, PO Box No.2014, Secundrabad - 500 003).

Dr. H.S.S. Lawrence retired as Director of School Education, Government of Tamil Nadu who was one of the founding fathers of "Vocational Education".

After the Mahabharata War ended and when Bhishma was on the bed of arrows, in his last days, Krishna the divine guide and strategic adviser of Pandavas took them to pay homage to Bhishma. After exchange of pleasantries and after praising Bhishma's great valour and sacrifice, Krishna finally asked Bhishma to teach Yudhishtir the art of leadership so that he effectively governs the vast kingdom he had won in the battle. In slow, but firm whispers, the grand sire Bhishma advised the Pandava Brothers. One of the nuggets from this goldmine is as under:

"A king's conduct should be above reproach. Self-restraint, humility, righteousness and straight forwardness are essential for his success. He should have his passions under perfect control"

In this democratic world every citizen has the chance to be the king.

Every citizen, right from the young age needs to be properly educated for cultivating the strongest value system in him. This book by Dr. H.S.S. Lawrence is so interesting, that it is difficult to stop reading.

He has given a perfect chronology of his ancestry, his school life, college life as a student in Columbia University and his march through various professions reaching the best of heights at each. This book brings out in a nut-shell the essential qualities required in a student, in an educator, in an administrator and so on. This practical book of wisdom, through his personal life as an example, succeeding through difficulties and against odds, should serve as a rudder to the young generation. This is a must book to read, for teachers and educators who are the shapers of the citizens. He has also given his experience not only as an educator and an able administrator, but has also exposed the other side of him as a globe trotter. A reading of the book, which is in simple English, will clearly reveal that he has made the best of every opportunity that came his way, which needs to be imbibed by the present young generation. The book is full of anecdotes and is liberally sprinkled with very apt Biblical statements. Through this book the author has given a window shopping, of how optimism in life helps one to march ahead, despite difficulties and odds.

It is certainly a book for every student who wishes to shape himself with leadership qualities.

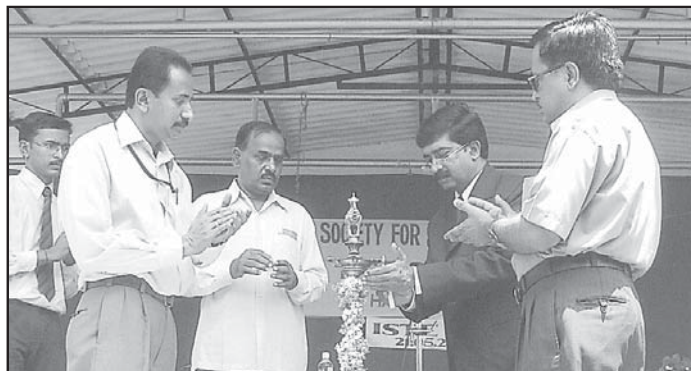
S. Sudharssanam

Additional Apprenticeship Adviser
Ministry of Human Resource Development
New Delhi

ISTE DAY CELEBRATED

KARNATAKA

- **Malnad College of Engineering, Hassan** celebrated ISTE Day on 21-5-2005. The function was inaugurated by Sri S.J. Amalan, Joint Director, Apex High Technical Institute, GOI. Principal Dr. M.G. Venkateshmurthy spoke on **Challenges of Technological Innovations of 21st Century**.



Dignitaries during the ISTE Day Celebration.

- **NMAM Institute of Technology, NITTE** celebrated **ISTE Day** on June 2, 2005. The theme **Challenges of Technological Innovations in 21st Century** was delivered by Prof. Raghuveer Pai, Joint Director, MIT, Manipal (MAHE).



L to R : Dr. S.Y. Kulkarni, Principal, NMAMIT; Prof. Raghuveer Pai, Joint Director, MIT, MAhe, Manipal and Prof. B.S. Samaga, Dean (Academics), NMAMIT).

UTTAR PRADESH

- **Shri Ram Murti Smarak College of Engineering & Technology, Bareilly** celebrated **ISTE Day** and conducted a seminar on **Challenges of Technological Innovations in 21st Century**.



L to R : Students performing Saraswati Vandana, Mr. Anil Kumar, Mr. Aditya Murty, Prof. S.P. Gupta and Prof. S. Sehgal

NEWS FROM ISTE STUDENTS CHAPTERS

GUJARAT

- **Nirma Institute of Technology, Ahmedabad** organised **ABHIVYAKTI - A Celebration of Expressions** an annual youth festival during April 21-24, 2005. An interactive talk on **Performance Enhancement and Positive Thoughts for the future** by Dr. H.S. Badrinarayan, Director, Shri Divya Sankalpa Centre, Bangalore on April 19, 2005.

KARNATAKA

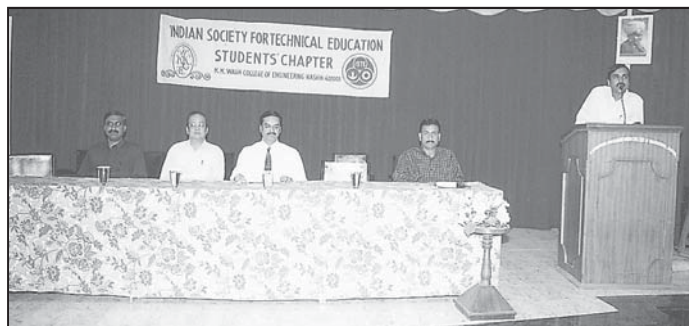
- **JSS Polytechnic for Physically Handicapped, Mysore** organised lectures on **Introduction to Mobile Communications** on 7-4-2005 by Sri M.N. Jayaram, Professor, Dept. of Electronics & Communication, **Crystal Reports** on 5-4-2005 by Mr. Vishwanath, Hayasoft Technology, Mysore, **Miniature Paintings** on 12-4-2005 by Sri Vittal Reddy, Lecturer, Sri Kalaniketan School of Art and **Engraving and Enameling on Jewellery** on 26-4-2005 by Mr. Manikam, Goldsmith, Mysore.
- **S.J.M. Institute of Technology, Chitradurga** organised a technical talk on **Finite Element Analysis for Product Design** by Dr. Ramakrishna D.S., Professor & Head, Deptt. of Mech.Engg., JNNCE, Shimoga on 28-5-2005.

KERALA

- **College of Engineering, Adoor** conducted a Seminar on **Thermo-Acoustic Refrigeration** on 18-2-2005, An Industrial visit to VSNL Satellite Uplink Centre, Kakkanadu Cochin and also conducted training session in **Computer Hardware Assembly** on 26-4-2005.

MAHARASHTRA

- **Government Polytechnic, Amravati** organised Technical Quiz Competition **Mind Power 2k5** on 11-2-2005, Blood Donation Camp on 7-4-2005, An Education Tour for Electronics & Communication Engineering on 19-22 April, 2005.
- **K.K. Wagh Institute of Engineering Education & Research, Nashik** organised one day training programme on **Master Students** on 1-4-2005. Dr. Abhay Wagh, Joint Director, DTE, Nashik inaugurated the programme.



L to R : Prof. S.Y. Kute, Prof. S.T. Ghan, Dr. Abhay Wagh, Dr. K.N. Nandurkar

- **Government Polytechnic, Mumbai** arranged three days State Level Workshop on **PLC Programming & Applications** on 24-26 February, 2005.
- **Anuradha Engineering College, Chikhli** organised National Level Technical Paper Presentation **INSIGHT-05** on 5-3-2005.
- **Bapurao Deshmukh College of Engineering, Wardha** organised **EL'DORADO** a Technocult Fes-2005 on 19-20 March, 2005.
- **Dr. Panjabrao Deshmukh Polytechnic, Amravati** organised a lecture on **Nuclear Reactors** by Shri Umakant Mahapatra, Sr. Scientists, BARC Mumbai on 24-1-2005.

MADHYA PRADESH

- **Mandsaur Institute of Technology, Mandsaur** organised two day National Level Technical Festival **TECHFEST-2005** on 18-19

March, 2005. The festival was inaugurated by Shri M.M. Tiwari, Vice-President, Vikram Cement, Khor.

- **University Institute of Technology, Barkatullah University, Bhopal** organised two days State Level Technical Symposium **QUEST-2005** on 11-12 April, 2005. Shri R.C. Chaudhary, GM (HR), BHEL, Bhopal inaugurated the Symposium and released the Proceeding.



Dignitaries during the Technical Symposium.

PUNJAB, CHANDIGARH, H.P. & J&K

- **Guru Nanak Institute of Management & Technology, Ludhiana** conducted **INFOVISION-2005** and a seminar on **Wireless Security** on 18-2-2005.

TAMIL NADU & PONDICHERY

- **P.R. Engineering College, Vallam** organised a programme on **Herbal Solutions for Modern Illness**. Dr. Srikanth, Medical Advisor & Dr. Veena, Himalaya Drug Company, Bangalore addressed the students.
- **Er. Perumal Manimekalai Polytechnic College, Koneripalli, Hosur** conducted one day workshop on **Personality Development and Entrepreneurship** by Mr. S. Ramani Srinivasan, Managing Director, Scintilating India Pvt.Ltd., Hosur on 24-2-2005.
- **Chengalvaraya Naicker Polytechnic College, Chennai** conducting series of guest lectures during 5-7 February, 2005.

NEWS FROM ISTE SECTIONS

KARNATAKA SECTION

Second State Level ISTE Students Convention was organised by ISTE Karnataka Section at B.V. Bhoomaraddi College of Engineering & Technology, Vidyanagar, Hubli on 15-16 April, 2005.



L to R : Prof. B.L. Desai, Prof. P.M. Chandrashekhariah, Dr. G.P. Prabhukumar, Prof. H.P. Khincha, Principal Dr. Ashok S. Shettar, Dr. N.L. Hiregoudar.

ISTE STUDENTS AWARDS : 2005

NOMINATIONS are invited from the ISTE student members of all Government, Aided and Unaided Institutions for the various ISTE STUDENTS AWARDS 2005. Details regarding each Award are being sent to the Heads of institutions. Please contact the Head of Institution for these details. **Last date for the submission of all the nominations is August 31, 2005.**

A. NATIONAL AWARDS

1. Kerala Govt. Engineering Design National Award for Students (I, II & III Prizes)

Eligibility : Students studying for the first degree in any branch of Engg. and Tech.

2. NIT Kozhikode, National Award for the Best B.Tech. Project from Engineering Colleges in disciplines of :

- Civil & Architecture
- Mechanical & Production
- Electrical & Electronics Engineering
- Computer & Communication Engineering

Eligibility : Full time Final year Students of Degree Engineering Colleges

B. REGIONAL AWARDS

1. Devinder Singh Bansal Memorial Award for the Best B.Tech. Project in Mechanical Engineering and Allied Branches for the State of Punjab instituted by Mrs. & Prof. A.S. Bansal, PAU, Ludhiana

Eligibility : Full time students of B.E./B.Tech. Degree in Mech. Engg. and Allied Branches in any Engg. College in Punjab

2. ISTE-NARSEE MONJEE Award for Best Project work done by Polytechnic Students in Maharashtra State (I, II & III Prizes)

Eligibility : Full time students of Polytechnics in Maharashtra

3. Maharashtra State Engineering Design Award (I, II & III Prizes)

Eligibility : Full time students of Degree Engg. Colleges in Maharashtra

4. Best Students Chapter Award (One from each Section)

An Award consisting of a plaque and a certificate will be given to the Best Students Chapter in each Section (provided there are at least 10 Students Chapters in the Section) based on their performance during the period January 1 to September 15 as judged by the concerned Section Managing Committee. The Award will be presented during the Students Chapter Annual Convention.

5. Best Student Award (One from each Students Chapter)

ISTE will be giving a Best Student Award to one Student from each Students Chapter who is having the best overall performance as student and as a leader as decided by a Committee appointed by the Students Chapter Managing Committee. the name of the Student selected for the Award MUST reach the ISTE Hqrs. by September 15. The Award consisting of a Certificate and a Medallion will be presented during the Students Chapter Annual Convention.

ISTE LEARNING MATERIALS PROJECT

ISTE Learning Materials are innovative teaching-learning tools designed by eminent academicians based on sound didactic principles.

A typical Learning Materials package consists of :

- Learning Material
- Laboratory Manual
- Teacher's Manual
- Lab-Instructor's Manual
- Teaching Resources

The Learning Materials are:

- Learner-centered to facilitate study by one self as well as teaching-assisted instruction.
- Most updated information.
- Supported by graded exercise and design oriented problems.
- Learning Materials are available in Print Media.
- CD-ROMS will be available containing additional support materials and resources including Power Point Transparencies.

The following Learning Materials are available in the ISTE Office:

1. **Computer Installation and Trouble Shooting** Rs.290/-
by Mr. M. Radhakrishnan & Mr. D. Balasubramanian,
Arasan Ganesan Polytechnic, Sivakasi.
2. **Data Base Management System** Rs.350/-
by Dr. Arun K. Pujari, University of Hyderabad
3. **Programming in C++** Rs.290/-
by Mr. Y.I. Shah & Mr. M.S. Thakar
SBM Polytechnic, Mumbai
4. **Digital Electronics** Rs.290/-
by Dr. Saroj Rangnekar, MACT, Bhopal
5. **Fundamentals of Data Base Management System** Rs.290/-
by Dr. Renu Vig & Ms. Ekta Walia, TTTI, Chandigarh
6. **Data Structures & Algorithms** Rs.350/-
by Mr. O.G. Kakde & Mr. U.A. Deshpande
VNIT, Nagpur
7. **Computer Communication Networks** Rs.390/-
by Dr. A. Shanmugam & Mr. S. Rajeev
PSG College of Technology, Coimbatore
8. **Linear Integrated Circuits and Applications** Rs.350/-
by Prof. Y. Venkataramani, NIT, Calicut
9. **Electronic Instrumentation** Rs.290/-
Mr. H.S. Kalsi
St. Xaviers Technical Institute, Mumbai
10. **Medical Electronics** Rs.200/-
by Prof. A.G. Patil, S.B.M. Polytechnic, Mumbai
11. **Electronic Materials and Components** Rs.225/-
by Mr. K.S. Patil, SSUPSBS Polytechnic, Dhule
12. **Computer Graphics** Rs.297/-
by Prof. M. Hanmandlu, IIT Delhi
13. **Power Electronics** Rs.270/-
by Prof. Krishna Kant & Dr. Vinita Agrawal
Motilal Nehru NIT, Allahabad
14. **Programming in Java** Rs.210/-
by Dr. Amita Dev
Dr. Ambedkar Institute of Technology, New Delhi
15. **Quality Assurance** Rs.270/-
by Dr. K.C. Shet, KNIT, Suratkal

The Head of Institutions and the Head of Electronics/Computer Science Deptt. are requested to procure sufficient number of copies of the above-mentioned Learning Materials for their Libraries and also popularize the same among the students.

There is a special discount of 30% available on all LMs. Packing and postage charges will be borne by ISTE. The amount for the required number of copies, may please be sent by way of DD drawn in favour of "ISTE Learning Materials Project" payable at New Delhi.

KINDLY SEND YOUR VALUABLE ORDER AS EARLY AS POSSIBLE.

XXXV ISTE ANNUAL NATIONAL CONVENTION 2005

The 35th Annual National Convention of ISTE will be held at **Bapuji Institute of Engineering and Technology, Davangere, Karnataka** during December 15-17, 2005. The Theme and Sub Themes for the National Seminar to be organised during the Convention are :

Theme : Disaster - Prediction, Prevention & Management

Sub Themes :

1. Water Disasters
2. Problems associated with disaster management
3. Impact on economic development
4. Warning and Warning system
5. Training, awareness and vulnerability analysis

GUIDELINES FOR PAPER SUBMISSION

Abstract (not exceeding 500 words) and the full paper (not exceeding 3000 words) typed on A4 size sheets in single column with single line spacing may be sent in both hard and soft copies to the Organising Secretary on or before 31st August, 2005. In addition to the above, they may also send the same through mail : istenc05@yahoo.co.in as a word document attachment file.

Scripts (abstract and full papers) should be prepared in MSword with 10-font size, (Times New Roman). The title should be bold capital (12 font size) followed by authors names and affiliations in 10 font size (caption lower). Acceptance of the papers will be communicated to the authors by 30th September, 2005. It is necessary that all selected papers are presented by the respective authors of the Convention for a meaningful outcome. Hence, unless the registration is confirmed on or before 11th November, 2005, their paper abstracts will not be considered for publication in the proceedings.

IMPORTANT DATES

Abstract and papers : 31st August, 2005
to be sent before

Announcement of : 30th September, 2005
Acceptance

REGISTRATION FEE

	Till 31.10.2005	Between 31.10.05 to 30.11.05
ISTE Member	Rs.500/-	Rs.700/-
ISTE-Non Member	Rs.750/-	Rs.1000/-
Accompanying Spouse/Guest/Child above 10 years (per person)	Rs.300/-	Rs.500/-

The Registration fee covers the seminar materials and food at the venue of the Convention.

ACCOMMODATION

Accommodation can be arranged on prior request by remitting an advance amount for the requisite number of days of stay alongwith registration fee. Accommodation can also be booked in wide range of hotels in Davangere according to the preference of the delegates on specific request at their expense. Hotel tariffs in Davangere ranges from Rs.200 per day (for single bedded rooms) to Rs.1200 per day (excluding taxes). Limited Hostel accommodation is available on sharing basis with common toilet facilities (first come first served basis). The charge per day is Rs.100. Hostel accommodation is for 3 persons per room.

Weather during December in Davangere is quite pleasant. Around 2000 outstation delegates and guests are expected to attend the Convention.

RETURN JOURNEY RESERVATIONS

Delegates are requested to clearly indicate their travel plans for making arrangements to receive them at the Airport/Railway Station at Davangere. Required amount for making the return journey reservations may please be sent at least 60 days in advance.

ENTERTAINMENT

Cultural Programme will be held to entertain the delegates and guests in the evening before dinner. Transport will be provided to all participants from the places of their stay to the venue of Convention in the morning and back after dinner.

TRIPS

1. Trips to Harihar and Chitradurga will be organised on December 16-17, 2005
2. Trips to Belur and Halebeedu or Hampi will be organised on first come first served basis. An advance amount of Rs.300 per persons can be sent in the form of DD in favour of "35th ISTE National Convention" payable at Davangere.

ABOUT BIET, DAVANGERE

The Institute is recognised by AICTE, New Delhi. At present the Institute offers 12 undergraduate and 05 postgraduate programmes in Engineering & Management. Six Departments are recognised as Research Centres. This year the Institute is celebrating its **Silver Jubilee**. Nine Deptts. are accredited by NBA New Delhi. Institute has well dedicated teaching and non-teaching staff members. More than 25 faculty members have acquired their Doctoral Degree, another 24 will be acquiring the same within 2 years. The Institute has achieved 60% placement through Campus Interview.

Davangere is one of the important cities of Karnataka. It is at 602 meters above Mean Sea level and situated at about 270 Km from Bangalore on the National highway No.4 (quadrilateral 4 lane). It is well connected by railway. The nearby Airport is Bangalore or Hubli which is 140 Km. from Davangere on National Highway 4. The small scale industry sector covers manufacturing units like Rice and Poha Mills, Oil Mills, Cement Pipes, Chemicals, Machinery Parts, Poultry Farms, etc. Fully irrigated lands surround the city.

Address all your mails to :

Prof. Y. Vrushabhendrapa

Principal & Executive Chairman

35th ISTE Annual Convention & National Seminar

Bapuji Institute of Engineering & Technology

Davangere - 577 004, Karnataka

Phone : 08192-221461, 222245 (O)

08192-221578 (R)

Fax : 08192-223261

Email : istenc04@yahoo.co.in

OR

Dr. H.L. Vijayakumar

Professor & Head of Textile Technology &

Organising Secretary

35th ISTE Annual Convention & National Seminar

Bapuji Institute of Engineering & Technology

Davangere - 577 004, Karnataka

Phone : 08192-221461, 222245 (O)

08192-222421 (R); 9448372421 (Mobile)

Fax : 08192-223261

Email : istenc04@yahoo.co.in

REGISTRATION FORM



35th ISTE ANNUAL CONVENTION & NATIONAL SEMINAR 15 – 17 DECEMBER, 2005



Bapuji Institute of Engineering & Technology Davangere, Karnataka

(Last date for receiving Registration form : 31st October 2005)

Name of Delegate : _____

ISTE Membership No. : _____

Designation : _____

Organisation : _____

Address for Communication : _____

Phone : _____ Fax : _____ E-mail : _____

Whether accommodation required : YES/NO No. of accompanying Members _____

Registration fee details :

Amount Rs. _____ D. D. No. and Date : _____ Name of Bank : _____

Registration and other charges may be sent by way of a single Demand Draft drawn in favour of “**35th ISTE NATIONAL CONVENTION**” payable at Davangere.

Date :

Place :

Signature of Applicant

(**Note** : The Registration Form duly filled in, may please be sent to the Organising Secretary latest by 31-10-2005.)

(kindly use photo copies for additional Registrations)

VIII NATIONAL CONVENTION OF ISTE STUDENTS 2005

The 8th National Convention of ISTE students will be held at **Baba Banda Singh Bahadur Engineering College, Fatehgarh, Punjab** during October 21-23, 2005. The Theme of the Convention is **Impact of Technology on Societal Living** and sub-themes are :

- Technology, Ethics and Human Values.
- Social Implication of Information and Communication Technology.
- Technology and Health Systems.
- Energy, Transportation and Power Systems.
- Technology, Ecology and Environment.
- Potential Societal Implications of Nanotechnology, Biotechnology and Genetic Engineering.
- Sustainability of Technological Systems.
- Technology, Poverty, Population and People with Disabilities.
- IT-enabled education, e-Governance, Laws of Cyber Space.
- Appropriate Technology.

In addition to National seminar on the theme of the Convention, a number of other technical activities have been planned for the students to exhibit their competencies which are as under:

- PAPER PRESENTATION
- TECHNICAL QUIZ
- THE EDGE: ROBOT MODELING
- MICROMOUSE
- PROGRAMMING CONTEST

For more details please visit the contest website:

<http://iste.bbsbec.org/pc>

Email: pc_iste@bbsbec.org

ABOUT THE INSTITUTE

Baba Banda Singh Bahadur Engineering College, named after a great martyr who laid to rest the tyrant rule of Mughals, was established in 1993 by the Shromani Gurudwara Parbandhak Committee. The college is situated in an idyllic environment and is housed in a sprawling pollution free campus of 175 acres. The college is affiliated to Punjab Technical University and runs five B.Tech. programs viz; Electronics and Communication Engg., Mechanical Engg., Computer Science and Engg, Electrical Engineering and Information Technology and one M.Tech. Program in Mechanical (CAD/CAM). This was the first college of PTU to get its programs accredited by NBA. The programs are also accredited by the Institution of Engineers India and BBSBEC is an ISO certified institute. The college has excellent infrastructure and dedicated faculty and staff. The college has campus wide networking consisting of Gigabit Optical Fiber backbone connecting all departments, labs, offices, girls hostels & faculty houses. We are in the process of linking our college under EDUSAT.

HOW TO REACH?

The college is located at 5 kilometers from Sirhind Railway Station, 42 kilometers from Chandigarh, 65 kilometers from

Ludhiana, 40 kilometers from Ropar, 40 kilometers from Patiala and 250 Km from Delhi. The nearest Air port is Chandigarh.

TOURS & TRIPS

The technical programs will be scheduled on 21st and 22nd October, while 23rd will be purely for complementary and contributory visits which will afford the students an opportunity to experience the diversity of the country.

Complimentray

Tour 1: Visit to local historical places including Gurudwara Fatehgarh Sahib, Gurudwara Jyoti Sarup, Rauza Sharif, Mata Chakreshvri Devi Jain Temple and Aam Khas Bagh

Tour 2 : Visit to Chandigarh including Rock Garden, Rose Garden, Shopping Plaza, Sukhna Lake and Yadwindra Garden, Pinjore.

Contributory

Tour 3 : Visit to Amritsar - Harmandar Sahib, Jallianwala Bagh, Durgiana Temple and Wagah Border. This tour is more than 500 km and will take complete one day. It can be arranged only if a minimum of 25 persons confirm and pay the tour charges of Rs.500 each by the end of Sept.05. The amount may be in the form of DD in favour of **The Co-ordinator, ISTE Students Convention** payable at **Fatehgarh Sahib/Sirhind**.

For those who wish to go to Amritsar on their own, Fatehgarh Sahib is well connected with Amritsar by rail and road.

REGISTRATION FEE

Delegates	Upto Sept 20, '05	after Sept 20, '05
ISTE members	Rs.200.00	Rs.250.00
Nonmembers	Rs.250.00	Rs.300.00
Accompanying	Rs.300.00	Rs.350.00
Faculty member/Guest		

Registration form may be downloaded from: www.iste.bbsbec.org

ACCOMMODATION

Accommodation for student delegates and accompanying teachers shall be arranged in college hostel and in Gurudwara Sahib. Those who want to stay in hotels; the tariff varies from Rs. 600/- to 1500/- per day. Weather during the month of October is quite pleasant.

For further details, please contact:

Prof. J.S. Oberoi

Organising Secretary,
8th National Convention of ISTE Students,
Baba Banda Singh Bahadur Engineering College,
Fatehgarh Sahib 140 407 (Punjab)
Phone : 9815167977 (M)
 : 01763-233713, 233813
Fax : 01763-232113
Website : iste.bbsbec.org
E-mail : iste@bbsbec.org

REGISTRATION FORM



8th Annual National Convention of ISTE Students
(October 21- 23, 2005)
Baba Banda Singh Bahadur Engineering College
Fatehgarh Sahib - 140 407 (Punjab)



1. Name : _____ ISTE Membership No. _____

2. Branch/Year : _____

3. Institution : _____

5. Address : _____

Phone : _____ Fax : _____ E-mail : _____

6. Whether accommodation required : YES/NO

7. Participation details : *Tick the appropriate*

Events

- PAPER PRESENTATION
- ROBOT MODELLING - THE EDGE
- ROBOT DESIGNING MICROMOUSE
- PROGRAMMING CONTEST
- TECHNICAL QUIZ
- MICROMOUSE
- ATTENDING THE CONVENTION

8. Registration Fee details:

Amount Rs. _____ DD No. & Date _____ Drawn on (Bank) _____

All payments should be made in favour of **"COORDINATOR, ISTE STUDENTS CONVENTION"** payable at Fatehgarh Sahib/ Sirhind. Please include the Registration Fee for the contributory tour, if required. Separate DD can also be made for the same.

I hereby agree to abide by the rules and regulations of the Convention.

Date : _____

Place : _____

Signature of the Applicant

Recommended and forwarded

Office Seal

Signature of Head of the Institution

(Note : This form is to be filled in by all the participants separately. Photocopies of this form may be used.)

ADVERTISEMENTS



KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE - 641 006

Approved by AICTE / Affiliated to Anna University/
Accredited by NBA / ISO 9001:2000 Certified
Phone: [0422] 2669401-405; Fax: [0422] 2669406
E-mail: info@kct.ac.in; Web: www.kct.ac.in

KCT is an engineering college of 20 years standing. The college offers 10 UG and 10 PG courses and MCA & MBA

WANTED

PROFESSORS

- Mechanical Engineering
- Civil Engineering
- Computer Science & Engineering
- Information Technology
- Electrical & Electronics Engineering
- Electronics & Communication Engg.

Qualification / Experience / Salary : As per AICTE norms. Salary will not be a constraint for the right candidates. Free family quarters

RECIPIENT OF 2004
NATIONAL AWARDS

Best Engineering College
Best Engineering College Principal

KCT-TIFAC-CORE in TEXTILE TECHNOLOGY & MACHINERY PROFESSOR

A senior dynamic, result oriented Textile Engineer to lead research and training activities of the Center.

- This Center of Relevance & Excellence (CORE) is established as world class center jointly by KCT and industry with support of Technology Information Forecasting & Assessment Council (TIFAC), Dept. of Science & Tech, Govt. of India.
- The activities of KCT – TIFAC – CORE include research, consultancy and man-power training.
 - Qualification & Experience: As per AICTE norms
 - Applications for appointment are invited from suitable candidates.
 - Salary will not be a constraint for the right candidate.

Applications enclosing detailed bio-data should reach **The Principal, Kumaraguru College of Technology, Coimbatore - 641 006** within 15 days of this advertisement.

CORRESPONDENT



BOARD OF APPRENTICESHIP TRAINING (WESTERN REGION), MUMBAI

(An Autonomous Organisation under the
Ministry of Human Resource Development, Department of
Secondary & Higher Education, Govt. of India)
ATI Campus, V.N. Purav Marg, Sion, (E), Mumbai - 400 022
Phone : 022-2525635; Fax : 022-25225923
Website : www.apprentice-engineer.com;
Email : boatwr@vsnl.com

Applications are invited in the prescribed format from Indian nationals for the following post in the Board of Apprenticeship Training (Western Region), Mumbai.

Assistant Director of Training

No. of vacancy - One - (Unreserved)

Pay Scale : Rs. 8,000-275-13,500/- (allowance as per Central Govt. rules)

For age limit, educational and other qualifications, etc. please visit the website of the Board.

Last date of receipt of application is 15th July, 2005. The format for application is to be downloaded from the website.

Director

Advertisements in the ISTE News Letter

Advertisements collected through ISTE Sections/ Chapters and Students Chapters will fetch 10% of the revenue EARNED for the activities of concerned ISTE Sections/Chapters/Students Chapters.

All the ISTE functionaries are requested to get more and more advertisements in order to generate more and more funds for their various academic activities.

The Tariff is given below :

	B/w	4 Colour
Full Page	Rs. 20,000/-	Rs. 30,000/-
Half Page	Rs. 12,000/-	Rs. 20,000/-
Quarter Page	Rs. 6,000/-	Rs. 10,000/-

The payment is to be made in full in advance through Demand Drafts payable to ISTE at New Delhi.

by R. Hariharan
Programme Director I/c

PROFILE OF AN INSTITUTION

BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE, FATEHGARH SAHIB



Dr. D.S. Hira (Principal)

BBSBEC AT A GLANCE

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib was established in 1993 by Baba Banda Singh Bahadur Education Trust formed under the patronage of Shiromani Gurdwara Parbandhak Committee. The college is approved by A.I.C.T.E., New Delhi, Ministry of H.R.D., Govt.

of India and is affiliated to Punjab Technical University, Jalandhar.

The college is situated in an idyllic environment and is housed in a sprawling pollution free campus of 175 acres and is located in sacred surroundings of historic Gurdwaras of Fatehgarh Sahib, which stand a testimony to the supreme sacrifice of the two younger sons of Guru Gobind Singh ji, Baba Zorawar Singh and Baba Fateh Singh, who were bricked alive here at the tender age of 9 and 7 years respectively. Mata Gujar Kaur ji, mother of Guru Gobind Singh ji, also breathed her last here after the episode of supreme sacrifice of her grandsons.

Our Mission

To mould youth into world-class technocrats of tomorrow who would endeavour to increase the quality of life for human kind.

Our Policy

BBSBEC offers a unique learning environment .Special emphasis is laid down on the long cherished values. Institute facilitates innovative thinking by presenting students with exclusive learning ambience designed to fuel their growth as technocrats of tomorrow with problem solving approach and service to mankind. Our updated course curricula, experienced faculty and state

of the art infrastructure have all contributed to make our college excellent center for providing quality education in engineering. we are keeping pace with the emerging technologies by upgrading the infrastructure .The pedagogical methodology adopted by the dedicated faculty goes a long way in making strong theoretical foundations and practical know-how of students.

Infrastructure

The college has two beautiful and magnificent Administrative Blocks, which house well designed airy lecture halls, tutorial rooms, well furnished seminar halls, laboratories, computer centre, drawing halls and administrative offices. The workshop block, which is really an architectural marvel, has 1500 square meters of covered area.

A centrally Air-Conditioned, marvelous and state of art auditorium is constructed with seating capacity of 750 persons. It provides ideal environment to conduct extracurricular activities in the college.

A state of art, Student Centre, provides students with a place to interact with during off hours. It comprises of a spacious Canteen, a fruit shop, a PCO and a Cyber Café.

College Library has DEL-NET Membership. College is being linked under EDUSAT, a project of AICTE.

The college can boast of well-designed and well-equipped air-conditioned seminar halls. These seminar halls serve as a platform for conducting various lectures/seminars of prominent personalities from industrial as well as academic background. The seminar halls are equipped with Multimedia LCD projector, high quality sound system, over head projector, computer and internet access.

Sufficient accommodation for the faculty as well as staff is available on campus. College is connected to Internet through 1Mbps. Campus is fully wired and the students and faculty members are provided with internet access round the clock.



PROFILE OF AN INSTITUTION

The college has its own Electrical Sub-station of 500KVA. In order to ensure uninterrupted power supply to the entire campus including hostels, two diesel generators of 50 KVA and 150 KVA have been installed to provide back up during the power failure.

Courses offered

B. Tech. Programs

- Computer Sc. & Engineering
- Electronics & Comm. Engineering
- Information Technology
- Mechanical Engineering
- Electrical Engineering

M. Tech. Programs

- M.Tech.(CAD / CAM)
- M.Tech.(Machine Design)
- M.Tech.(Comp Science & Engg.)
- M.Tech.(Electronics & Comm. Engg.)

Accreditations

- Accredited by National Board of Accreditation.(NBA)
- Accredited by Institution of Engineers (India)
- ISO 9001:2000 certified

Professional Societies

- ISTE Chapter
- ISTE Students Chapter
- CSI Students Chapter
- SAE Students Chapter
- IETE Students Chapter
- IE(I) Chapter

Our Objectives

- To serve as a model for education in technology by innovating teaching methods that creates a learning environment.
- To make students aware of environmental and energy conservation concerns of the planet.
- To cultivate entrepreneurship spirit in students.

Sports

To provide facility of indoor games to the students, an international standard gymnasium has been constructed, wherein modern equipments/machines for physical exercises have been installed, in addition to different play courts. For outdoor games, college sports complex comprises of various grounds and a 400-meter Athletic Track. An indoor swimming pool is under construction.

Hostels

The college has sufficient arrangement for residential students with four hostels having capacity to accommodate approx. 1000 students. Internet facility has been provided to the students in Girls Hostels.

Placement Cell

To ensure maximum placement of students through campus interviews as well as training of the other students, a placement cell has been established. T&P Cell motivate and prepare students for successful performance at interviews and subsequent interaction with employers. Our graduates are serving in the senior positions with the top companies like Spice, IGT Solutions, Reliance Infocomm, Wipro Spectramind, Infosys, TCS, Hero, Dell, Godrej, Quark, Tanker Pacific, HCL Technologies, Ind-Swift Ltd., Sterling Telecom & Netsystems, VShips, Trident, Glaxo Spice Telecom, Dell, HCL Technologies, Alpha IT World, Indian Army and Indian Navy etc. Placement Cell also conducted tours to career fairs and Industries. Placement cell has tied up with Citixys and have bought 100 ID's. Students have started receiving job offers.

Library

To support the academic requirements of the staff and students, college has a well stocked library having separate stacking and reading areas, and it subscribes to more than 180 international and national journals. It has more than 20,000 text & reference books and around 1500 CDs/VCDs etc. To update their knowledge at international level, the students and staff have been provided with access to 140 on-line IEEE international journals on <http://ieeexplore.ieee.org>.

We are in the process of linking our college under EDUSAT.

8th National Convention of ISTE Students

The college is organizing the 8th National convention of ISTE Students during 21st -23rd October, 2005 under the aegis of ISTE. In addition to National seminar of students on theme "Impact of Technology on Societal Living", a number of other technical activities have also been planned including Robot modeling, micromouse, programming contest and many more. The details can be had from : iste.bbsbec.org



Baba Banda Singh Bahadur Engineering College

Fatehgarh Sahib -140407 (Punjab)

Ph. (01763)-233713, 233813 Fax:(01763)-232113

Website: www.bbsbec.org Email: query@bbsbec.org

FOR ISTE STUDENT MEMBERS

The Power of Positive Habits

Prof. H.V. Bhavnani, Vadodara, Former Member
ISTE National Executive Council & Chairman, ISTE Gujarat Section

Did you know that habits are incredibly powerful tools for personal growth and success?

A positive habit is simply a habit that produces positive benefits, actions and attitudes.

Habits, by their very nature, are automatic, and after a period of time they can also become permanent. This is a very powerful combination.

Research has shown that an action that is repeated for a minimum of 21 days is likely to become a permanent habit. Remember that positive habits have positive benefits and you will reap those benefits for as long as you maintain that habit.

Positive Habit #1 - Make it a habit to set goals

By making goal setting a positive habit, you can start placing yourself in the top 3% of the population of successful people.

Here are some simple steps to help you start making goal setting a positive habit:

Step 1 : Define your goals, write them down, and be very specific; capture your goals on paper. It is amazing how many people never take the time to write down exactly what it is they want in life. Remember, you can't hit a target if you don't have one.

Step 2 : Determine what the time line is for reaching your goals; set specific deadlines for each goal.

Step 3 : Identify any obstacles that may stand in your way, list them, and state how you plan to overcome them.

Step 4 : Make a list of the people and/or organizations who will help you reach your goals.

Positive Habit #2 -

Be More Productive With the 4-D Habit

Many of us are stressed out by the negative effects of work overload in our careers. The 4-D habit is a very simple positive habit that will help you to prevent work overload.

Every time you are faced with a new task to perform, apply the 4 D's as listed below. You will find that your workload will be reduced as you apply this screening and decision making tool to each task you are confronted with.

- * Decide on the most appropriate choice — and take action.
- * Do It Now - take immediate action, do the task right away, don't procrastinate.
- * Dump It Now - make a quick decision and dump the task.
- * Delegate It - give the task to someone else. This is a very critical aspect of time management. Your time is valuable; make it a habit to work on tasks that you do best and delegate the tasks that can be performed by someone else.

Defer the Task - make an immediate decision to postpone the task to a later time. Make sure to schedule a time to complete it.

Positive Habit #3 - Create and repeat positive attitude phrase

A positive attitude is perhaps the most important ingredient to success and a surefire way to maintain a positive attitude is to make it a habit to repeat positive attitude phrases.

Choose or create a positive attitude phrase and repeat it aloud many times each day. In a few days you will notice that your attitude will become more positive. Here are some examples:

"I am reaching my success goals every day."

"I am getting stronger and stronger every day."

"I can overcome any obstacle."

"Every day I am getting closer and closer to my goals in life."

"If I believe it, I can achieve it."

"Every day, my mental attitude is becoming more positive."

Positive habits can truly change your life.



THESES OF THE MONTH

(Topic, investigator and guide are given)

- **Design, Optimization and Evaluation of Release Modulating Matrix Systems Based on Modified Natural Adjuvants** (Ph.D.)
MR. PRAFUL D. BHARADIA, Assistant Professor
S.K. Patel College of Pharmaceutical Education & Research
Ganpat Vidyanagar, Kherva, Gujarat
Dr. M.C. Gohel, Professor & Principal
L.M. College of Pharmacy, Ahmedabad
- **Application of Information and Communication Technology in Engineering Colleges in Tamil Nadu - A Critical Study** (Ph.D.)
DR. MUTHU SAMY C., Librarian
S.M.K. Fomra Institute of Technology, Kelambakkam
Dr. S. Ravi, Coordinator
Deptt. of Library and Information Science
DDE, Annamalai University
- **Finite Element Modeling and Analysis of the Fluid Structure Interaction in Hydraulic Servovalve** (Ph.D.)
DR. SOMASHEKHAR S. HIREMATH
Faculty of Mech/IP Engineering Deptt.
Bapuji Institute of Engineering & Technology, Davangere
Prof. M. Singaperumal and **Prof. R. Krishna Kumar**
Dept. of Mechanical Engineering
Indian Institute of Technology, Chennai
- **Finite Element Analysis of Centrifugal Fan Impeller and its Experimental Verification** (Ph.D.)
SHRI DEEPAK VASANTRAO BHOPE
Prof. P.M. Padole, Professor & Head
Deptt. of Mechanical Engineering, VNIT, Nagpur
- **Studies on Impact of Road Traffic on Urban Air Quality** (Ph.D.)
DR. S.P. MAHENDRA, Assistant Professor
Deptt. of Civil Engineering
PES College of Engineering, Mandya
Dr. Krishnamurthy, Professor & Chairman
Deptt. of Civil Engineering
Bangalore University, Bangalore
- **Tin and Zirconium Based Ion Exchangers as Sensors for Rare Earth Metal Ions** (Ph.D.)
HARISH KUMAR SHARMA, Deptt. of Chemistry
M.M. Engineering College, Mullana
Dr. S.K. Mittal, Prof. & Head
SCBC, TIET, Patiala
- **Synthesis, Characterization and Reactivity of 3, 5-Diarylpirazolinates of Some "d" Block Metals** (Ph.D.)
DR. K.V. SHARMA, Lecturer & Head
Engineering Chemistry Deptt.
Mahakal Institute of Technology, Ujjain
Dr. Umesh Nath Tripathi, Sr. Lecturer
School of Studies in Chemistry
Vikram University, Ujjain
- **Assessment of Groundwater Resources of Bhadra River Basin in Karnataka, Using Remote Sensing and Geographic Information System** (Ph.D.)
MS. M. SAMEENA, ISRO, HQ, Bangalore
Dr. G. Ranganna, former Visiting Professor
Deptt. of Civil Engineering
Bangalore University, Bangalore
- **Solution to Micro Level Climatic Design Problems in Built Environment with Design Tools Derived from Science of Climatology and Vastushastra** (Ph.D.)
SHRI RAVI KUMAR BHARGAVA
Prof. S.A. Deshpande & Dr. V.A. Mhaisalkar
V.N.I.T., Nagpur

NEWS ILLUSTRATED



Release of Course Material during the Inaugural Function of AICTE-ISTE STTP on **Applications of Geographical Information System (GIS) & GPS for Cartography** organised by Deptt. of Civil Engg., Mepco Schlenk Engineering College, Sivakasi during January 3-8, 2005.

L to R : Mr. P. Oliver Jayaprakash, Dr. R. Vaidynathan, Prof. S. Balakrishnan and Dr. Benny Joseph



ISTE approved Self-Financing STTP on **Computer Aided Textile Designing** organised by Deptt. of Textile Engg., Jawaharlal Darda Institute of Engg. & Technology, Yavatmal during March 7-12, 2005.



AICTE-ISTE STTP on **Basics of Process Automation** organised by Deptt. of Electrical & Electronics Engg., Smt. L.V. Government Polytechnic, Hassan during December 27, 2004 to January 1, 2005.



Two-day UGC sponsored National Level Workshop on **Herbal Drug Standardization** organised by the Deptt. of Pharmacy, Annamalai University, Annamalainagar during February 19-20, 2005.



ISTE approved SF-STTP on **Optical Communication with Recent Trends** organised by Deptt. of Electronics & Telecommunication Engg., SVKM's D.J. Sanghvi College of Engineering, Mumbai during November 16-27, 2004.

L to R : Mrs. Birinda Rajaraman, Dr. J.A. Parikh, Dr. R.K. Shevgaonkar, Dr. D.J. Shah, Dr. P.P. Warnekar and Dr. B.K. Mishra.



AICTE-ISTE STTP on **Emerging Trends in CAD-CAM (ETC-2005)** organised by Deptt. of Mech. Engg., S.V.M. Institute of Technology, Bharuch during March 7-12, 2005.



AICTE-ISTE STTP on **Environmental Degradation - Knowledge Based Approach** organised by Deptt. of Mech. Engg., Smt. L.V. Government Polytechnic, Hassan during January 10-22, 2005.



Two day National Seminar on **Green Pharmacy** organised by B.R. Nahata College of Pharmacy, Mandsaur during 24-25 April, 2005.

FORTHCOMING EVENTS

- 7th International Conference on **Cognitive Systems**, December 14-15, 2005, Centre for Research in Cognitive Systems, NIIT Ltd., Synergy Building, IIT Delhi Campus, New Delhi. For details contact : **Shri Sanjay Gupta**, Programme Chair. Phone : 26581017-20, Fax : 26581022. Website : www.niitcrs.com. Email : sanjayg@niit.com.
- National Conference on **Sustainable Development for Future Generation**, 14-15 July, 2005, Dept. of Civil Engineering, Centre for Water and Environmental Studies, Kumaraguru College of Technology, Coimbatore. For details contact : **The Organising Secretary**. Phone : 04222-2669401. Fax : 2669406. Email : kctcivil@rediffmail.com.
- International Conference on **Advances in Structural Dynamics and Its Applications**, 7-9 December, 2005, Deptt. of Civil & Mech. Engg., College of Engineering, Gandhi Institute of Technology & Management, Visakhapatnam - 530 045. For details contact : **Dr. K. Rambabu**, Associate Professor, Deptt. of Civil Engineering. Phone : 0891-284026. Fax : 0891-2790399. Email : icasda2005@gitam.edu. Website : www.gitam.edu.
- Management Development Programme on **Leveraging Customer Information to Strengthen Loyalty Programmes**, 20-22 July, 2005. Indian Institute of Management, Lucknow. For details contact : **Prof. Jitendra K. Das**, Programme Manager. Phone : 0522-2734101-23, Fax : 2734025, Email : mdp@iiml.ac.in.
- National Conference on **Energy Management in Changing Business Scenario**, October 8-9, 2005, Birla Institute of Technology and Science, Pilani. For details contact : **Dr. S.D. Pohekar**, Convenor. Phone : 01596-245073, Fax : 01596-244183. Email : sdp@bits-pilani.ac.in.
- 19th National Conference on **I.C. Engines and Combustion**, 21-23 December, 2005, Faculty of Engineering & Technology, Annamalai University, Annamalai Nagar. For details contact : **Dr. C.G. Saravanan**, Organising Secretary. Phone : 04144-239733, 230030. Fax : 04144-238275. Mobile : 09843064772. Email : radk66@yahoo.com. Website : www.geocities.com/ciis_2003.
- IASLIC XXV All India Conference on **LIS Profession in India : Vision for 2010**, December 26-29, 2005, Indian Institute of Technology Madras, Chennai. For details : **Hon. General Secretary**. Phone : 044-22578740, Email : hchandra@iitm.ac.in
- International Conference on **I.T. for Disaster Mitigation and Management**, January, 2006, Thiruvalluvar College of Engineering & Technology, Ponnur Hills. For details contact : **Dr. M. Shanmugam**, Conference Coordinator. Phone : 04183-225986. Email : itranx2005@yahoo.co.
- National Conference on **Geotechnical Engineering Trends**, February 10-11, 2006, Deptt. of Civil Engineering, GITAM College of Engineering, Visakhapatnam. For details contact : **Shri K. Siva Rama Krishna**, Organising Secretary. Phone : 0891-2840262, 2793117. Mobile : 9866220113. Fax : No.0891-2790399. Email : rkcivilgitam@yahoo.co.in.
- National Conference on **Computational Methods in Mechanical Engineering**, September 16-17, 2005, Deptt. of Mech.Engg., University College of Engineering, Osmania University, Hyderabad. For details contact : **Dr. B. Naga Prasada Rao**, Convenor. Mobile : 09440407529.
- Two day National Seminar on **Research Issues in Technical Education**, October 20-21, 2005, NITTTR, Kolkata. For details contact : **Dr. R. Srinivasan**, Professor & HoD, Education. Phone : 033-23370937. Fax : 033-23376331.



POETRY BITS

Progress

If you strike a thorn or rose,
Keep a-go-in!
If it hails or if it snows,
Keep a-go-in!
Tain't no use to sit and whine
Cause the fish ain't on your line;
Bait your hook an' keep on tryin'.
Keep a go-in!

— Frank I. Stanton,

BOOKS SUGGESTED

- MANAGEMENT CONCEPTS FOR CIVIL ENGINEERS by **A. Anbuvelan**, Lecturer, Deptt. of Civil Engineering, Bharath Institute of Higher Education and Research, Chennai. Flexible cover. Pages - 322. Price - Rs.150/-. Laxmi Publications (P) Ltd., 22, Golden House, Daryaganj, New Delhi - 110 002.
- INDIAN PHARMA REFERENCE GUIDE 2004 by **NEON**. Flexible cover. Price - Rs.600/-. Kongposh Publications Pvt. Ltd., C-19, Commercial Complex, SDA New Delhi - 110 016.
- DIGITAL MEASUREMENT TECHNIQUES by **Prof. T.S. Rathore**, Deptt. of Electrical Engineering, IIT, Bombay. Flexible cover. Pages - 325. Narosa Publishing House, 6, Community Centre, Panchsheel Park, New Delhi 110 015.
- CONTROL SYSTEMS ENGINEERING by **Dr. R. Ananda Natarajan & Dr. P. Ramesh Babu**, Pondicherry Engineering College, Pondicherry. Flexible cover. Price - Rs.400/-. Scitech Publications (India) Pvt. Ltd., 7/3c, Madley Road, T.Nagar. Chennai - 600 017.
- PROJECTS IN NETWORKING by **Hari & Barani**, Technology Enterprises Group. Pages - 144. Price - Rs.125/-. Scitech Publications (India) Pvt. Ltd., 7/3c, Madley Road, T.Nagar. Chennai - 600 017. Books from Vikas Publishing House Pvt. Ltd., New Delhi
- ENGINEERING ECONOMICS by **Prof. D.N. Dwivedi**, Professor in Economics, M.A. Institute of Management Studies, Delhi and **Abhishek Dwivedi**, Griffith University, Queensland, Australia. Flexible cover. Pages - 321. Price - Rs.165/-.
- ELEMENTS OF CIVIL ENGINEERING by **Prof. S.S. Bhavikatti**, Dean (Administration) & Professor of Civil Engineering, KREC, Surathkal. Flexible cover. Pages - 377. Price Rs.120/-.
- STRUCTURAL ANALYSIS Volume-I (Second Edition) by **S.S. Bhavikatti**, Professor & Head, Deptt. of Civil Engg., SDM College of Engg. & Technology, Dharwad. Flexible cover. Pages - 386. Price - Rs.195/-.
- ENGINEERING PROJECT MANAGEMENT by **Shri Parameshwar P. Iyer**, Principal, Research Scientist, CSIC, IISc., Bangalore. Flexible cover. Pages - 410/-. Price - Rs.270/-.



HEALTH CORNER

Live the Big Life

As we reside in the global world we ought to learn some simple ways to maintain good health and live longer and healthier. Following are the tips which will be helpful in leading a healthier and complete life:

1. Live simple and think simple
2. Avoid malice
3. Avoid junk food
4. Discipline yourself
5. Ignore stress

Life is finite and that growing old in a state of good health is far superior to living fast, hard, and foolishly while we are young and then suffering intolerable illness when we reach middle age and beyond. Therefore take charge of your life and live the big life.