



# ITI HAS

(IT Is Happening At SASTRA)



## NewsLetter from SASTRA

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III Quarter

### MESSAGE FROM THE VICE - CHANCELLOR



It was a red letter day for SASTRA when the Rastrapathiji visited SASTRA on 24<sup>th</sup> September, 2006. His Excellency Dr. A.P.J. Abdul Kalam dedicated to the nation The Centre for Nanotechnology and Advanced Biomaterials

(CeNTAB), National Facility for Mechatronics and launched the 5 year integrated M.Sc. B.Ed. & M.Com. B.Ed. Courses. His Excellency Shri Surjit Singh Barnala, Governor of Tamil Nadu inaugurated The Directorate of Distance Education, 'Nirman Vihar', the New Block for the School of Civil Engineering and launched the Faculty and Student Welfare Schemes.

On behalf of SASTRA, I thank His Excellency, the President of India, His Excellency, the Governor of Tamilnadu, Prof.S.K.Thakur (Chairperson, NCTE, Shri R.Srikanth (JMD, Brakes India Ltd.), Shri A.V.Dugade (ED, Indian Overseas Bank) and other distinguished visitors in the President's and Governor's entourage.

As part of our expansion programme SASTRA has taken significant steps. M.Pharm programmes in three disciplines were launched in July, 2006. Five-year integrated M.Sc., B.Ed., and M.Com., B.Ed. Courses and B.Ed., (Regular) course were launched at Srinivasa Ramanujan Centre, SASTRA, Kumbakonam, with approval from NCTE. Various Degree, Diploma and Certificate programmes are to be started from January, 2007 through Distance Mode, with approval from the Distance Education Council of Indira Gandhi National Open University, New Delhi.

As usual, our students have won many laurels in extra curricular activities and sports and games.

Prof. R. Sethuraman  
Vice-Chancellor

### PRESIDENT'S VISIT TO SASTRA

SASTRA University has once again had the proud privilege of hosting His Excellency Dr.A.P.J. Abdul Kalam, President of India in its campus. His Excellency visited SASTRA on 24<sup>th</sup> September 2006 and dedicated the Centre for Nanotechnology and Advanced Biomaterials (CeNTAB), National Facility for Mechatronics to the nation and launched the 5-year integrated M.Sc.,B.Ed. & M.Com.,B.Ed. Courses.

While addressing a large gathering of the staff and the students of SASTRA and the students of higher Secondary Schools of Thanjavur and nearby areas, invited to our campus, the President said: 'A new field, in which there is a convergence of biotechnology, nanotechnology and information technology, will emerge in the next decade. The civilization has passed through stone, bronze and iron ages and the last two centuries have witnessed a rapid development of chemical age. The advancement made in material science and technology has given an impetus to the nuclear and biological age'.

He called upon SASTRA to participate in collaborative research with institutions such as Banaras Hindu University, which has devised a simple method to produce carbon nanotube filters and defense research organizations, which have developed typhoid kits etc.



The President unveils the plaque

**SHANMUGHA**  
**ARTS, SCIENCE, TECHNOLOGY &**  
**RESEARCH ACADEMY (SASTRA)**

( A UNIVERSITY ESTABLISHED UNDER SECTION 3 OF THE UGC ACT, 1956 )  
THANJAVUR - 613 402, TAMIL NADU.

## Appeal to SASTRA

Referring to PURA( Provision of Urban Amenities to Rural Areas), the President said: 'To provide an electronic, physical and economic and knowledge connectivity to villages, it has been planned to develop 7000 'PURA' villages'. He appealed to SASTRA to develop 100 PURA villages around its campus and provide them the four-pronged connectivity.



Dr. Kalam addressing the audience

The President administered a 5-point oath to the Teachers and the Students.

Earlier Dr. Kalam visited the Nuclear Magnetic Resonance (NMR) laboratory, which has been set up at a cost of 1.2 crores, at the Jiva Chaitanya Block. Dr.Kalam enquired about the role of the instrument in the study of Traditional System of Medicine. He also commended the efforts of SASTRA in protecting the future of Ayurvedic drugs by disputing the findings of the JAMA article authored by Dr. Robert Saper. After this, Dr. Saper from Boston Medical College has agreed to collaborate with SASTRA in this area of Study.



The Governor of Tamilnadu addressing the audience

His Excellency Shri Surjit Singh Barnala, Governor of Tamil Nadu inaugurated the Directorate of Distance Education, 'Nirman Vihar', the New Block for the School of Civil Engineering and launched the Faculty and Student Welfare Schemes. The Governor said: "Education plays a great role in promoting a system of values. Distance Education should provide an alternative cost-effective channel for tertiary learning".



The President at CeNTAB

## Felicitations



Prof. S.K. Thakur

Prof. S.K. Thakur, Chairperson, National Council for Teacher Education, New Delhi and Shri R.Srikanth, Joint Managing Director, M/s Brakes India Ltd., Chennai offered felicitations. Prof. Thakur, in his felicitation lauded SASTRA for introducing the innovative M.Sc.,B.Ed and M.Com., B.Ed., programmes. He said: SASTRA's mission in introducing these courses is crystal clear and the NCTE will adopt it for the country. Shri Srikanth said that Brakes India is very happy in collaborating with SASTRA in establishing the facility for Mechatronics.

Earlier the Vice-Chancellor in his welcome address fondly recalled the earlier visits of Dr. Kalam and referred to the establishment of TIFAC CORE and other Research Centres and the research projects being carried out in this university. Prof. S. Vaidhyasubramaniam, Dean, Planning and Development gave an overview of the function. Dr. S. Swaminathan, Director – CeNTAB, proposed a vote of thanks.



Shri R. Srikanth

### THE OATH ADMINISTERED BY H.E. Dr. A.P.J. ABDUL KALAM TO THE TEACHERS.

1. First and foremost I will love teaching. Teaching will be my soul.
2. I realize that I am responsible for shaping not just students but ignited youth who are the most powerful of the resources under the earth, on the earth and above the earth and am fully committed to the great mission of teaching.
3. I will consider myself to be a great teacher only when I am capable of elevating the average students to the high performance.
4. I will organize and conduct my life in such a way that my life itself is a message for my student.
5. I will encourage my students and children to ask questions and develop the spirit of enquiry so that they blossom into creative enlightened citizens.

### TO THE STUDENTS

1. I shall set a noble goal in my life and strive hard to achieve it. I shall, by my hard work and sincere efforts, study well to achieve my life's aims and objectives.
2. I shall, during my holidays, attempt to educate at least five illiterates to become literates.
3. I shall plant at least five saplings either at home or at school and nurture them to grow into big trees.
4. I shall try to rehabilitate at least five persons who are addicted to drugs or gambling and help them to lead normal lives. I shall not discriminate any one based on caste or religion or language but treat every one alike.
5. I shall lead an honest life and make myself as an example for others. I shall hold the lamp of knowledge and keep the light of wisdom glowing for ever.

### NATIONAL FACILITY FOR MECHATRONICS

SASTRA has been selected by the All India Council for Technical Education for establishment of a National Facility in Engineering and Technology with Industrial collaboration, jointly with M/s. Brakes India Ltd.

AICTE has launched a scheme of National Facilities in Engineering and Technology with Industrial Collaboration (NAFETIC) which aims at the establishment of National Facilities in the frontier areas of Engineering and Technology in collaboration with industries. Under this facility the main activities are to provide state-of-the-art R&D facilities in specific areas of engineering and technology for intramural research and development, education and training; sophisticated testing, instrumentation and design facilities to industry in specialized emerging areas of engineering and technology and to provide necessary expertise, facilities and know-how for understanding R&D projects on a turnkey basis in emerging interdisciplinary areas of relevance to industry. The Centre also aims at intensifying technology transfer from participating institutions for the benefit of industrial development and providing technology incubator facility in the early stages of commercialization of new technologies.

The National Facility will be established at a cost of Rs. 1 crore with 30% participation from AICTE, 45% from M/s. Brakes India Ltd. and 25% from SASTRA. The National Facility Centre at SASTRA will focus on **“Mechatronics”** – an amalgamation of Mechanical Engineering, Electronics and IT. Mechatronics has numerous applications in the automobile industry, which is turning out the South India, especially Chennai as a Detroit of Asia. The centre offers tremendous scope for training, research, testing and consultancy for the automobile industries. Dr. S. Pugazhenthii, Professor in the School of Mechanical Engineering in SASTRA and a DAAD Scholar, is the coordinator for this project.



A view of the Lab

## TWENTIETH CONVOCATION

The Twentieth Convocation of SASTRA University was held on 19<sup>th</sup> August 2006. Shri. S. Ramadorai, Chief Executive Officer and Managing Director, M/s Tata Consultancy Services delivered the convocation address and conferred the degrees on the graduates.



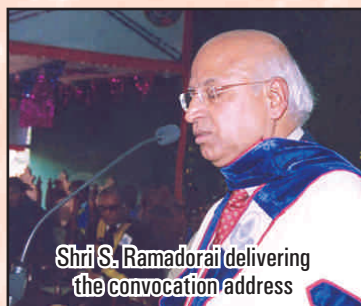
Convocation Procession



Lt. Gen. Bhandari & Shri Ramadorai in the procession

Shri S. Ramadorai, in his convocation address said that learning is not a matter of choice any more but has become a life-long process. Students, particularly engineering graduates, should continuously improve their software skills, language skills, and multi-disciplinary knowledge to stay ahead of others.

Shir S. Ramadorai also said: "The only way to the success of any company or individual is innovation. We



have to introduce innovation in process and technology. Innovation can also turn a disadvantage into an advantage. We consider the tough environment as an opportunity to innovate and grow."

Shri S. Ramadorai presented doctorate, bachelor and post-graduate degrees to 1189 students.

Earlier Prof. R. Sethuraman, Vice Chancellor, welcomed the gathering and Prof.K.G. Seshadri, Dean, H&S proposed a vote of thanks.

## D.Sc. TO SHRI S. RAMADORAI

In the 20<sup>th</sup> Convocation, SASTRA University awarded the Degree of Doctor of Science (*Honoris Causa*), to Shri S. Ramadorai, CEO and Managing Director, TCS, in recognition of his spectacular success at TCS and his great contribution to the IT industry, for his vision, his



Our Vice-Chancellor Presenting the degree of D.Sc., to Shri S. Ramadorai

dedication and commitment to extend the scope of Information Technology, making its fruits available to the society at large. Prof.R.Sethuraman, Vice Chancellor presented the degree to Shri S. Ramadorai.

## D.Litt., TO LT. GEN. SHRI BHANDARI

SASTRA University awarded the degree of Doctor of Letters (*Honoris Causa*) to Lt.Gen. M.C.Bhandari, Director General of NCC, in appreciation of his great leadership qualities, his devoted service to the nation in various capacities, for his total commitment to whatever work entrusted to him, for his faith in a value-based approach to life and for his earnest endeavour to enthuse

and ignite the youth of the country, imbuing them with patriotism and discipline in order that they may blossom into torch-bearers of India. Prof.R.Sethuraman, Vice Chancellor presented the degree to Lt. Gen. Bhandari.



Lt. Gen. Bhandari receiving the D. Litt., Degree from Our Vice-Chancellor

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## HONORARY COLONELCY TO OUR VICE CHANCELLOR

Prof. R. Sethuraman, Vice Chancellor, SASTRA University was conferred the rank of Honorary Colonel of the NCC at a function held in SASTRA campus on 20<sup>th</sup> August 2006. Commodore Shri UN. Chitnavis, Deputy Director General of NCC, Tamil Nadu and Pondichery, presented the award in the presence of Lt.Gen. Shri M.C.Bhandari, Director General of NCC and Shri T.M. Shanmugham, Group Commander, NCC, Trichy.



Col. R. Sethuraman being admitted to the select fraternity of Colonels by Lt. Gen. Bhandari and Commodore Shri UN. Chitnavis



Guard of Honour by NCC Cadets : Col. R. Sethuraman, flanked by Commodore Shri UN. Chitnavis and Trichy Group Commander T.M. Shanmugham,

## SASTRA LAUNCHES M.PHARM PROGRAMMES

The M.Pharm Programmes in Pharmacology, Pharmaceutics and Pharmacoinformatics, were launched at SASTRA University on 22<sup>nd</sup> July, 2006 by Ms. Savitha Satakopan, Former Chairperson, Ayurvedic Pharmacopoeia Committee, Ministry of Health, Govt. of India. In her inaugural address Ms. Savitha highlighted the importance of pharmacy.

Referring to the interconnectability, she said no single area of science could hold on its own. She also detailed the various parameters such as consistency and scientific perfection and foolproof manufacturing of Ayurvedic medicines as important aspects to be borne in mind by the research scholars and manufacturers. She also advised the pharmacy students to look to the West, learn from them and serve the people in India.



Ms. Savitha Satakopan lighting the traditional lamp

Dr. S.K. Sharma, Advisor, Department of Ayush, Govt. of India inaugurated the Pharmacy Students' Association at SASTRA. In his address Dr. Sharma stressed the need for a scientific approach to the study of ancient systems of Indian medicine using the facilities available in the western systems of medical research. He also said that the Indian Systems of medicine could not be taught and researched upon in isolation, and stressed that they must be closely related to modern science and



Dr. S.K. Sharma delivering the inaugural address

Dr. Victor Rajamanickam, Dean, CARISM, welcomed the gathering and Prof. K.G. Seshadri, Dean, H & S proposed a vote of thanks. Dr. S. Swaminathan, Dean, Sponsored Research also participated in the function.



Ms. Savitha Satakopan and Dr. S.K. Sharma, in discussion with the Vice-Chancellor

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## SASTRA TO OFFER DISTANCE EDUCATION COURSES

The Distance Education Council of the Indira Gandhi National Open University, New Delhi, has given approval to SASTRA to offer the following courses through distance mode, commencing in January, 2007.

- ☞ MBA
- ☞ MBF (Banking and Finance)
- ☞ B. Tech. (Construction Management)
- ☞ B.Tech. (Water Resource Engineering)
- ☞ PG Diploma in Intellectual Property Rights (PGDIPR)
- ☞ PG Diploma in Higher Education (PGDHE)
- ☞ PG Diploma in International Operations (PGDIO)
- ☞ Diploma in Early Childhood Care Education (DECE)
- ☞ Certificate in Environmental Studies (CES)
- ☞ Certificate in Teaching of English (CTE)
- ☞ Certificate in Guidance (CIG)
- ☞ Certificate in Teaching of Primary School Mathematics (CTPM)
- ☞ B. Ed. (Two Years)

PGDIPR programme is a twinning programme of one year duration meant for IV B.Tech. Students of SASTRA.

CES is also a twinning programme meant for the regular B.Tech. students of SASTRA and it is of 6-months duration.

Dr. S. Kishore, who was with IGNOU earlier, has joined SASTRA as the Director of Distance Education.

## SASTRA – SPRINGER'S FIRST E-BOOK LIBRARY CUSTOMER IN INDIA.

SASTRA University has the unique distinction of being the first University / Institution in the country to purchase the entire e-book library collection of Springer, one of the world's largest publishing companies. Purchased at a cost of Rs.50 lakhs, this e-book library offers access to over 8500 full text books in various disciplines like Computer Science Engineering, Mathematics, Biomedical Engineering, Nanotechnology, etc. SASTRA is the only University in the country to subscribe to this entire suite of e-book collection offered by Springer. With this new addition, SASTRA's library collection, which already crossed one lakh last month, gets further enriched, offering access to over 1,20,000 full text books. SASTRA also provides access to over 4,000 full-text engineering, scientific and management journals besides access to over 5,50,000 full-text Ph.D. dissertations. SASTRA subscribes to

various on-line resources like IEE, ASME, ASCE, ACM, Science Direct, EBSCO, PROQUEST, etc. SASTRA also subscribes to SCOPUS, which is an online database that provides access to bibliographic data for over 14,000 journals. SASTRA has also provided the students with video facilities which offer an entertainment - based learning platform. More than 1,600 CDs on diverse subjects are available for the students' viewing.

## SASTRA STUDENTS FOR INTERNSHIP AT GERMANY

The following eight final year B. Tech. students have been selected to undergo a 4-month internship at various German companies from October 2006 to January, 2007. The students will be working in companies like Infineon, Apronics, Delta, Kloster Paradise, Eupec, etc. Students will be working on real time industrial issues during their internship. They will be paid an average stipend of 500 Euro per month during their stay. This internship is an outcome of SASTRA's MoU with Swiss German University. They left India on September 24<sup>th</sup>, 2006 and the Management of SASTRA wishes them good luck.

The Indian Overseas Bank, SASTRA Extension Counter, has extended an educational loan of 5000 Euros each to these students.

Names of the Students:

1. Anubhav Ravichandran - Mechatronics
2. M.Vinothrajeshwaran - Mechatronics
3. Vipul Jain - Computer Science & Engineering
4. S.G.Kaushik - Electrical and Electronics
5. Pradeep L.Narayanan - Electrical and Electronics
6. Yogesh Kumar - Information Technology
7. S.G.S.Pavan - Mechanical

## SASTRA WINS FESTEEMER'06 IN GRAND STYLE

The cultural team of SASTRA University emerged the overall winners in FESTEEMER'06 – an inter - college



SASTRA team with the trophy

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cultural competition organized by the National Institute of Technology, Trichy. SASTRA won with a thumping margin of 57 points, securing a total of 91 points. 91 colleges from all over the country participated including IIT, Madras, NIT Calicut, and VIT, Vellore. Between 1997 and 2005, SASTRA has won this overall championship 7 times and did not participate in the year 2004. In the year 2005, SASTRA was placed second and this year's victory has put SASTRA back on the winning track.

### SASTRA TEAM TOPS IIT's TECH FESTIVAL

The team 'Enzy-Matrix' has brought laurels to SASTRA by winning the first prize in an event at the Annual Techno-Management Fest, 'Techniche', organized jointly by the Indian Institute of Technology, Guwahati and the computer major, Intel. The main objective of the three-day Festival, which was held at IIT Guwahati from September 1, was to identify and promote the research talents among the budding scientists and provide them a platform to interact with some of the best minds in the fields of science and technology. The students, B. Chandramouli and A. Savani, of Third year Integrated M. Tech (Industrial Bio-technology), presented a report on 'BIOTECH - Industry defined problem'. The report analyzed the problems pertaining to storage and separation of enzymes - a crucial concern for every biotech industry. The students referred to the efficacy of cross-linked enzyme crystallization, popularly known as 'CLEC' in industrial parlance, by which the enzymes can be stored even at room temperature. This is a cost-effective means for storing the enzymes.



The winners receiving the award from the Governor of Assam

Over 500 students from various higher education institutes from all over the country participated in the events, which were held on various topics ranging from Robo Soccer to Nanotechnology. The Governor of Assam, His Excellency Lt. Gen. (Retd.) Ajay Singh

honoured them with a certificate each and a purse of Rs. 2,000. Out of 28 successfully - held events, this is the only event which created academic-industry interface by providing an internship for these two students at the 'Lumis Biotech Ltd.', a Mumbai - based major in biotech products. The Governor was so impressed with the potential of the young students that he spent a while with them, interacting with them in a group discussion which nearly formed the question-hour session.

### WORKSHOP ON FASCINATING TRENDS IN BROADCASTING

A one-day students' workshop on 'Fascinating Trends in Broadcasting' was organized at SASTRA Campus by the ECE department in association with Thanjavur Chapter of Broadcast Engineering Society (India) on 26<sup>th</sup> August 2006.

Shri. S. Ramasamy, Chief Engineer, Southern Zone, AIR and TV, Chennai presided over the function. Our Vice-Chancellor inaugurated the workshop. In his inaugural address he said that the broadcast and telecast media have a strong impact on the common man and hence they have a good share of responsibility in shaping the future India. He also invited Industries and other professional societies to conduct such seminars for students for which SASTRA will give support.



N.S. Ganesan lighting the traditional lamp

Shri. N.S. Ganesan, IB(E)S, Engineer-in-Chief, Doordarshan, New Delhi, delivered the keynote address. He traced the history of broadcasting in India and then spoke about the advantages of DTH and broad - band services. He also said that the day when TV is available with cell phone is not far off.

Six technical sessions were conducted by officials from various Doordarshan Kendras.

Over 300 delegates from SASTRA and other institutions and working professionals from AIR and Doordarshan attended the workshop.

Shri. M. Anandan, Chairman, BES, Thanjavur Chapter welcomed the gathering and Dr. T.R. Sivaramakrishnan, Dean, Research, SASTRA proposed a vote of thanks.

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## WORKSHOP ON IPR LAWS BY POLICE FORCE

A two-day Workshop on Enforcement of Intellectual Property Rights(IPR) Acts by Police Force, Sponsored by the Ministry of HRD, Govt. of India, was held on 9<sup>th</sup> and 10<sup>th</sup> September 2006. The workshop was inaugurated by Shri Abhash Kumar, Deputy Inspector General of Police (DIG), Thanjavur range.

In his inaugural address Shri Abhash Kumar said: IPR Act assumes importance in the present era of knowledge-based economy. Though there are adequate laws to deal with IPR violations, enforcement is lacking. He stressed the need for creating an awareness of IPR laws in India.

Various issues of enforcement of protection of like Trade Mark, Copyrights, Patents, Traditional Knowledge and Cyber Crimes were discussed in the workshop by the following Guest Speakers: Shri R. Muralidharan, Patent and Trade Mark Attorney, Bangalore, Shir.K.Feroz Ali, advocate, HighCourt, Chennai, Shri A.A.Mohan, Patent and Trade Mark Attorney, Chennai, and Shri. S.K. Mani, President, Trichy Bar Association.



Our Vice-Chancellor lighting the Traditional Lamp. Shri Abhash Kumar, DIG looks on.

Police Officers in the rank of D.S.Ps., Inspectors and Sub Inspectors who attended the workshop were sensitized to the various issues and the means and modes of IPR protection and enforcement.

Dr. P.Vaijyanthi, Professor, School of Management Studies welcomed the gathering and Dr. R.Renganathan, Asst. Professor, summed up the proceedings of the workshop.



A police official during interaction

## NATIONAL WORKSHOP ON IPR IN SEMICONDUCTOR PRODUCTS

A two-day National Workshop on Intellectual Property Rights (IPR) in Semiconductor products was organized by TIFAC-CORE, SASTRA on 12<sup>th</sup> and 13<sup>th</sup> July, 2006.

Dr. K.S. Chari, Senior Director and Registrar, Ministry of Information Technology, Govt. of India, New Delhi inaugurated the Workshop. In his inaugural address Mr. Chari said that the total market in semiconductor embedded electronic production would go from 14 billion dollars in 2005 to 200 billion dollars in 2015 providing employment opportunities to 80,000 design engineers.

He also said that the electronic system market is expected to grow from the present 1.6 trillion dollars to 4 trillion dollars in 2010. Hence there is necessity for the IPR in the semiconductor industry. Dr. Chari said that India offers a well – positioned chip IPR production.

Dr. T. Ramakrishna, Professor, IPR Chair, National Law School, Bangalore, traced the genesis of the Intellectual Property System and also provided fresh insights into the IPR.

Prof. K. Usha Devi, Dean, School of computing, welcomed the gathering and Prof. N. Anantharaman, Registrar, presided over the meeting.

80 delegates participated in the workshop.



Dr. K.S. Chari lighting the Kuthuvillakku

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## AWARENESS PROGRAMME FOR FARMERS

An awareness programme for the farmers of Budalur, Tirukkattupalli and other regions of Thanjavur District was organized on 12<sup>th</sup> August 2006 at the Sir. P.S. Sivasamy Ayyar Higher Secondary School, Tirukkattupalli by the School of Civil Engineering. This programme was organized to get the opinions of the farmers regarding the on-going NRDMS –DST / GOI funded project titled “**Integrated Water management in a Deltaic System in East Coast**”. This project is being carried out in the interest of the Deltaic Farmers as envisaged by Dr. Abdul Kalam to derive maximum benefit from out of the available water resources, use of alternative crops, storage of water in existing tanks to the fullest capacity by integrated water management.



Local representatives of the farmers and officials from various departments participated in the programme. Prof. S. Ananthapadmanaban, Dean / School of Civil Engineering, Shri S. Brahadeeswaran, Asst. Professor/ SOCE and Shri P.M. Natarajan, Project Consultant explained the scope of the project and collected relevant data and the specific requirements of the farmers through a questionnaire. The secretary of Sir. P.S. Sivasamy Ayyar Higher Secondary School, Tirukkattupalli, also a representative of the farmers group participated in the programme.

A similar programme was organized at Peravurani on 30<sup>th</sup> September 2006.

## TRAINING PROGRAMME ON TOTAL STATION & GPS

The School of Civil Engineering, SASTRA organized a five-day field training programme for polytechnic teachers and field engineers from 25<sup>th</sup> to 29<sup>th</sup> September 2006 in conducting Field Survey using Total Station and GPS. 10 participants from various Polytechnic Colleges and Field Engineers attended the programme. Special lectures, practice sessions, practicals in plotting using



The participants with the Registrar and the Organisers

computer software and a one-day field visit to Aladi Lake for surveying formed part of the programme.

Prof. N. Anantharaman, Registrar, distributed the certificates to the participants on the valedictory function. Dr. S. Ravindar, Dr. R. Nagarajan and Shri. V. Rajeshkumar of the School of Civil Engineering coordinated the programme.

## AWARD OF Ph.D



Shri J. Jerald, Senior Lecturer, School of Mechanical Engineering got his Ph.D in August 2006, from Bharathidasan University, Trichy, for his thesis “Scheduling of Flexible Manufacturing Systems Using Non-Traditional Optimization Techniques.”

Smt. Brinda Kailash Giri, Senior Lecturer, Department of Training and Placement obtained her Ph.d degree in September 2006 from the Tamil University, Thanjavur for her thesis “Efficacy of Self-Development Training Programme on Improving the Academic Performance of Engineering Students with reference to SASTRA University, Thanjavur.”



## Ph.D AT SASTRA



Smt. B. Shanthi, Professor, School of Computing, defended her thesis, "Solution Techniques for specific problems on image analysis" in a public viva voce exam on 4<sup>th</sup> July 2006. Dr. M. Thiyagarajan, Professor, School of Computing was her Research Supervisor.

Shri C.R. Suribabu, Asst. Professor, School of Civil Engineering, defended his thesis, "Optimal Design of Water Distribution Networks", in a public viva voce examination on 6<sup>th</sup> July 2006. Dr. T.R. Neelakantan, Professor, School of Civil Engineering was his Research Supervisor.



Shri. B. Karthikeyan, Asst. Professor, School of Electrical & Electronics Engineering, defended his thesis "Development of a Novel Composite Neural Network Inference Engine for Partial Discharge Pattern Classification", in July 2006. Dr. S. Gopal, Executive Director, W.S. Test Systems Limited, Bangalore was his Research Supervisor and Dr. P.S. Srinivasan, Dean, School of EEE, his Co-guide.



Shri N.M. Elango, Asst. Professor, School of Computing defended his thesis, "New Analytical Tools for Texture Component of Images", in a public viva voce exam on 7<sup>th</sup> September 2006. Dr. M. Thiyagarajan, Professor, School of Computing was his Research Supervisor.



## NCC GIRLS WING AT SASTRA

No. 4 (TN) Girls' Battalion NCC Trichy has raised a platoon with a strength of 52 girls at SASTRA beginning this academic year. The activities are planned in consultation with Col. Upadhyaya, Commanding Officer 4 (TN) Girl's Battalion NCC, Trichy and under the guidance of Col. T.M. Shanmugham, Group Commander, Rockfort Group, Trichy.

No. 8 (TN) Battalion NCC, Kumbakonam is to raise another mixed platoon of Girls and Boys with a strength of 52 cadets at Srinivasa Ramanujan Centre, Kumbakonam.

Lt. Col. V. Kotwal, Commanding Officer 8 (TN) Battalion NCC, Kumbakonam visited SRC and selected the cadets.

## INDEPENDENCE DAY CELEBRATION

The 59<sup>th</sup> Independence Day was celebrated on 15<sup>th</sup> August 2006 at SASTRA Campus with usual fervour. Prof. N. Anantharaman, Registrar hoisted the tricolour and delivered the Independence day address. The Staff and the Students of SASTRA and Shanmugha Polytechnic College attended the function. The cadets of NCC Air Wing and Army Wing also participated. A tree planting programme was organized by the NSS units in which the Registrar and the Deans participated.



Planting of sapling by our Registrar

## SASTRA LAUNCHES THREE NEW COURSES

SASTRA has launched the following three new five-year integrated dual degree courses from this year - M.Sc., B.Ed. in Mathematics, M.Sc., B.Ed. in computer Science and M.Com., B.Ed. The national Council for Teacher Education (NCTE) has accorded approval for conducting the courses. The Government of India has notified the same in the Gazette.

The course contents of B.Ed. are merged in the syllabus from the third semester to the tenth semester. These courses have been started at SRC, Kumbakonam.

One year B.Ed. Programme (Regular) has also been launched this year at SRC with approval from NCTE.

## BLOOD DONATION CAMP

A Blood Donation Camp was organized on 27<sup>th</sup> July 2006 by the NSS Units of SASTRA at the Vaidhyanatha Arogyasala, in association with the Thanjavur Medical College and Kali Blood Bank. 567 units of blood was collected from the students and staff of SASTRA. This is the maximum unit of blood ever collected in a one-day camp in Thanjavur District.

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## LAURELS IN SPORTS/GAMES

SASTRA Women's Table Tennis team participated in the Periyar Memorial Tournament organized by Periyar Maniammai College of Technology for Women, Thanjavur on 30<sup>th</sup> September 2006 and won the First Place. Kum.A.Janani, II Bio-Technology, Kum. R.Rukmani IV Bio Engineering, Kum. Ujwala B. Joshi and Deepthi Rajagopal of III Bio-Informatics and R.Niveditha, II Bio-Technology were the participants.



**Chi. R. Tamilarasan**, a student of II B.Tech Bio-Informatics has been a member of the International Isshinryu Karate of Taisho Academy(IIKTA) for the past ten years. He participated in IIKTA's Open Friendship Karate Championship 2006 Contest held in Cuddalore on 15<sup>th</sup> August 2006 and won the I Place in "Tamishiwari"(Tiles Breaking Technique).

**Chi. P.Pandiarajan**, IIB.Tech, Bio-Technology won the Third Place in the 55 kg category at the Mr. 3 Star Classic 2006, District Level Body Building Competition held at Thanjavur on 27<sup>th</sup> August 2006.



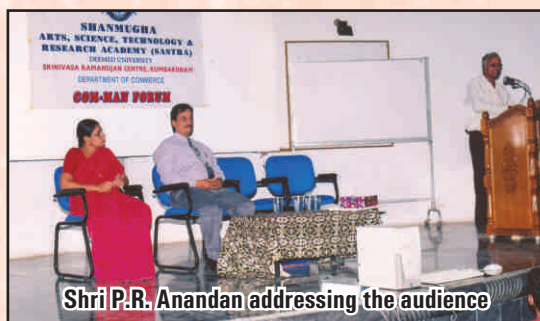
## NSS ACTIVITIES AT SRC

50 units of blood was donated by the NSS volunteers at SRC on 1<sup>st</sup> August 2006 in a blood donation and blood grouping camp conducted by the NSS Wing.

An awareness lecture on Chikungunya and Dengue Fever was delivered on 12<sup>th</sup> October 2006 by Dr. C. Raja, Civil Surgeon, Govt. Head Quarters Hospital, Kumbakonam.

## COM-MAN FORUM ACTIVITIES

Com-Man forum, the association of the Department of Commerce and Management at SRC inaugurated its activities for the year 2006-2007 with a special lecture on 'Innovative Banking' by Shri P.R. Anandan, Senior Manager Indian Bank, Kumbakonam on 14<sup>th</sup> August 2006



Shri P.R. Anandan addressing the audience

'Path to Achieve Greatness in Work-Life' - an inspiring lecture to motivate the Commerce and Management students was organized on 18<sup>th</sup> August, 2006. Shri G.K. Ramamoorthy Former Chairman, Ranbaxy Laboratories, Mumbai was the guest speaker.



Shri G.K. Ramamoorthy

Major A. Balasubramanian, Principal, School of Education, SRC, SASTRA, Kumbakonam delivered a lecture on 'Communication and Interpersonal Skills' on 21<sup>st</sup>

## TEACHERS' DAY CELEBRATIONS AT SRC.

The School of Education, SRC Celebrated the Teachers' Day on 5<sup>th</sup> September, 2006. Dr. P. Ramani, Dean, School of Education, presided over the function. Major A. Balasubramanian, delivered a special lecture. Students of the Department of Education presented papers on various topics.

Prof. P.V. Ramakrishnan, Dean, SRC, Dr. Chandrasekara Rao, Head, Department of the Mathematics and Prof. L. Rajagopalan participated in the function.

## EXTRA CURRICULAR ACTIVITIES

In the District level competitions organized by LIC, Kumbakonam, as part of the Insurance Week celebrations on 7<sup>th</sup> September, 2006, Chi. N. Sivasubramanian, of III B.Com. won the First Prize in English Oratorical Contest.

## INFRASTRUCTURE EXPANSION

The Nirman Vihar, the new block for the School of Civil Engineering and Disaster Management inaugurated by his Excellency the Governor of Tamilnadu has been constructed at a cost of Rs.8.00 crores, measuring 1,01,144. sq.ft. This building has a number of class rooms, laboratories and facilities for research in the area of structural engineering, water resource management and disaster management.



A view of Nirman Vihar

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## SNIPPETS FROM SHANMUGHA POLYTECHNIC COLLEGE

### LAURELS IN GAMES

In the IPAA Trichy Division Inter Polytechnic Basketball, Table Tennis and Shuttle Badminton Tournaments held at our Maruthi Indoor Stadium on August 2006, Shanmugha Polytechnic College team won the events and qualified to participate in state level tournaments to be held in December 2006 and January



### PAPER PRESENTATION

Chi. G. Balaji and Chi. D. Balaji of II DME, won the first prize in the state level paper presentation contest conducted by CSI Polytechnic College, Salem in August, 2006.

Chi. C. Abalesh and Chi. I. Arulselvan of II DME, won the second prize in the Technical Quiz contest conducted by Srinivasa Polytechnic College, Keeranur in August 2006.

Chi. R. Vishnu Prithri and Chi. G. Vigneshwaran, of the III DME, won the first prize in the state level paper presentation contest conducted by Annai Velankanni Polytechnic, Panruti, in September 2006.

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