ARASAN GANESAN POLYTECHNIC COLLEGE
SIVAKASI

Work is Wealth	**Service is Happiness**
May 2011	*05/2k11*

Women enhancement in the Alumni Get-Together!

*Dr. Tamizhachi Thangapandian inspiring the audience
in the Women's Day celebration*

The Women in Development Cell celebrated the Women's Day on 12/3/11 in the 27th Annual Get-together of Alumni Association. Dr.Thamizhachi Thangapandian was the Chief Guest. She illustrated the industrious and unfailing efforts of women, the better labour force of the society in the true sense of the word! The eminent Tamil scholar and enlightening English teacher surprised the audience with her eloquence. She enthused the girls with several positive instances of historical personalities like Jansi Rani, and Rani Mangamma. She listed the inherent merits of womenfolk. Administration, counselling, house-keeping, nursing, child-bearing and rearing are the areas of women monopoly, which she pointed out, will promote them in all walks of life. She also recalled the glorious past when women were in prominence. She hoped positively for the same prominence, eliminating the disgrace encountered during the interlude.

*Shri. N.C.M. Jothimayam our former Principal actively
listened to in the Annual Get-Together*

For the next session of the Alumni Association our former Principal Mr.N.C.M. Jothimayam was the Chief Guest. About 300 old students and 400 outgoing students attended the function. Our Principal Mr.D.Balasubramanian presided over the function. Mr.V.Senthur (Civil 1986 batch) A.E. PWD, Rajapalayam and Mr.R.Manoharan (ECE 1986 batch) Group Leader, Continental Automative, Bangalore were the Guests of Honor.

Communicate Technology!

Communication Skill has become an essential asset of technical students. So we give them a platform to present their ideas on "Let Us Know..." to a large gathering of students in the General Assembly every week. The students collect data about a recent technological advancement and confidently deliver the data to the audience.

So amazing has been the output of our students in the morning assemblies that their presentations have been recognized with prizes also! Recognition and reward after all are the highest forms of appreciation, aren't they? Now, the nucleus unfolded for your glance.

Google Chrome OS It is a Linux Operating System by Google to work exclusively with Web applications. Design goals for Google Chrome OS's user interface include using minimal screen space by combining applications and standard Web pages into a single tab strip, rather than separating the two. Designers propose using search and pinned tabs as a way to quickly locate and access applications. The firmware contributes to fast boot time by not probing for hardware, such as floppy disk drives, that are no longer common on computers. The firmware also contributes to security by verifying each step in the boot process and incorporating system recovery.

Swiss Banks Swiss bank accounts aren't just for millionaires, criminals or government officials trying to hide ill-gotten wealth, or celebrities protecting their assets from former spouses. They're available to anyone and lots of average people have Swiss bank accounts. People who live in countries with unstable governments and banks in particular often turn to Swiss banks because of their security and privacy. Opening a bank account in Switzerland is in theory accessible to all, but banks do deserve the right to refuse customers. Recent clamp-downs on money laundering and other financial crimes have made it more difficult, especially for non residents, to open bank accounts. Passport or identity card, Recent utility bill (electricity), Residence permit, A copy of your work contract, or Cross border work permit may ease the process.

Swiss bank accounts provide strict privacy, total confidentiality. They are also tax-free. With a Swiss bank account you can also earn interest in the currency you wish to hold your account in (USD, CHF and EUR). You can also receive an international credit card and a numbered account if you choose. Swiss bank secrecy is one of the strictest in the world and is part of an ancient Swiss tradition of privacy. Under Swiss law any banker who reveals information about you without your consent runs the risk of a prison sentence. Despite the hundreds of Swiss banks the two biggest are UBS (Union Bank of Switzerland) and Credit Suisse. These two goliaths have the most extensive international networks and solid reputations.

Cloud Computing It is a technology that uses the Internet and central remote servers to maintain data and applications. Cloud computing allows consumers and businesses to use applications without installation and access their personal files at any computer with internet access. A simple example of cloud computing is Yahoo email or Gmail etc. The server and email management software is all on the cloud (internet) and is toally managed by the cloud service provider Yahoo, Google etc. The consumer gets to use the software alone and enjoy the benefits.

New Symbol for Indian Currency a step towards globalisation The new Indian rupee symbol, designed by Bombay IIT post-graduate D.Udaya Kumar, was approved by the central government-reflecting that the Indian currency, backed by an over-trillion dollar economy, was finally making its presence felt on the international scene. Till now we have seen only dollar symbol, but now we are going to see rupee symbol also. It is going to be added to "Unicode standard" to use it in computers and mobile phones worldwide. Almost all the software companies' world wide is using "Unicode Standard" and hence it would be easy to use new symbol in electronic and paper media. The symbol would be used across a wide range of technical applications including mobile phones, computer software, banners and web world. This will be definitely registered as a historic step in Indian economy that only reinforces the important role played by Indian economy in the global market. New Indian rupee symbol definitely gives all the Indians a reason to feel proud of our country.

Madras Eye Pink eye or Madras eye refers to inflammation of the outermost layer of the eye & the inner surface of the eyelids. It is most commonly due to an infection or an allergic reaction. During the summer vacation, when Indian tourists visit the south, particularly Madras, they often get this ailment as they are unaccustomed to such heat and humidity. A person with infectious red eye should not attend school or go to work till he is better. The patient should meet an eye doctor as soon as possible. Home treatment for red eye includes keeping the eye free of discharge and using warm compresses. Poor hand-

washing is the major culprit as also sharing objects, such as towels with a person who has red eye. All medications prescribed by the doctor should be used as directed and should not be shared by different patients. A person using contact lenses should immediately stop wearing them.

Cryogenic Engines are rocket engine designed for liquid fuels that have to be held at very low "cryogenic" temperatures to be liquid. They would otherwise be gas at normal temperature. The engine components are also cooled so the fuel doesn't boil to a gas in the lines that feed the engine. The thrust comes from the rapid expansion from liquid to gas with the gas emerging from the motor at very high speed. One disadvantage is that the fuel tanks tend to be bulky and require heavy insulation to store the propellant. The Indian Space Research Organisation (ISRO) announced that the first test of the indigenously built cryogenic rocket engine had been a success. Now ISRO is using Cryogenic engines for its GSLV rockets.

i7 Technology Intel Core i7 processors is the product of the next-generation. Nehalem architecture, which features the latest innovations, is the most sophisticated in the world. It is currently one of the fastest processors and is highly acclaimed by the entire IT community as a technical marvel. The new technology is meant to boost performance on demand and maximize data throughout. This is also the first mainstream Intel chip with an integrated memory controller. The three main architectural changes to Core i7 are; faster memory, hyper-threading and turbo mode. This chip is heading the list of the best in the market right now and people, who spend a lot of time on their computers and are particular about getting the best out of their computers, need to look no further than Intel Core i7.

Arasan Dharbar - Impression - 2011!

The Department of Printing Technology of Arasan Ganesan Polytechnic College, Sivakasi organized a state level technical symposium Arasan Dharbar IMPRESSION -2011 on 25th February 2011 to commemorate the father of Printing, Johannes Gutenberg, who was born in February. The aim of the symposium is to bring out the inherent talents of the Printing Technology students all over Tamilnadu through various competitions. A total of 34 students from Polytechnic colleges offering Diploma course in Printing Technology participated in the symposium. Various competitions were organized for the students, viz., Technical Paper Presentation contest, Designing Contest and Technical Quiz contest.

Sri A. Sathyamoorthy, Managing Director, Techno Print, Sivakasi was the Chief Guest of the Programme. He stressed on the need for team work.

1. Selvan J.B.Vallimuthu, G.K.Venkateswaran, P.Subburaj and M.Thangaraj (Arasan Ganesan Polytechnic College, Sivakasi)
2. S.Nalini and K.Ganesh Moorthy (Natchimuthu Polytechnic College, Pollachi)
3. Paul Miki and Quirinuswar (Siga Polytechnic College, Chennai)
4. M.Mareeswaran and M.Ranaveerakumar (SIPT Polytechnic College, Sivakasi)
5. A.Veerakumar and R.Mohan Sundar (Institute of Printing Technology, Chennai)

were the prize winners.

Congrats to the prize winners & P.Tech.!

Mr. A. Sathyamoorthy, Managing Director, Techno Print, Sivakasi motivating the students with his valedictory address

ISTE at Community Service!

The ISTE Staff chapter conducted a special meeting on 12.01.2011 (Wednesday), Mrs.M.Venotha, Senior Trainer, MCKS Pranic Healing Centre, Virudhunagar delivered an introductory lecture on "Pranic Healing". A seminar on "Human values" was organized by Sri Sathya Sai Organization, Virudhunagar District on 22.01.2011(Saturday). Dr.M.Ramadevi, Dr.N.Vijayalakshmi, Prof.A.Thangamani and Prof.Shyamala Thangamani were the

resource persons. An Induction Training Programme for newly recruited faculty members was conducted from 18.1.2011 to 10.2.2011. The Principal & Chairman, ISTE Staff chapter in his key note address directed the participants to fit themselves to the place where they are. Various topics handled by our senior faculty members are,

- To be a successful professional,
- Institutional expectations of a teacher,
- Class room management,
- Excel in teaching,
- Qualities of a good teacher,
- Motivation for good teaching,
- Students psychology,
- Students orientation for better placement,
- Sharing resources for effective teaching and
- Micro-teaching.

The resource persons stated that the teachers should be easily approachable, kind, patient and empathetic. The teachers should also be open minded, sincere, honest, multiskilled, dedicated and resourceful. The Principal D. Balasubramanian in his valedictory address remarked that the teachers should read voraciously so that they can share additional information in every class by way of motivating them. They should convince the students of their care and concern and win their hearts.

The Principal D. Balasubramanian's valedictory address in "Induction Training Programme"

Well done ECE

Robot demonstration

IETE meeting was conducted on 28.02.11. Mr. P.K.Ramesh, Manager and Head, Larsen & Turbo, Madurai spoke on "Variable Speed Drivers and Switch Gear". A Quiz contest was conducted for ECE students and the winners were awarded prizes. ROBOT demonstration was given in the meeting. Selvan S.Pandiarajan, S.Prabakar, M.Prasanth and C.Suresh III year ECE participated in the State level model making contest conducted by Sri Vidhya Engg. College, Virudhunagar, on 19/03/11 The project won the first prize with rolling cup and cash award of Rs.2000/- . It is remarkable that the same project won the appreciation of all Alumni on 12/03/11 in the 27th Alumni Association Meet.

NCC data

27 Cadets appeared for the "B" Certificate Examination on 26th Feb.2011, at VHNSN College, Virudhunagar.

Honing the talents

Selvan R.Abilash Kumar and A.SennaKesavan III EEE presented a paper on Energy Efficient Motors in a paper presentation contest held at VSVN Polytechnic college, Virudhunagar on 4.2.2011 and won the second prize of Rs.500/-.

Selvan A.Hariharaselvan and N.Tippu Sulthan Ali III EEE presented a paper on Renewable Energy Sources in a paper presentation contest held at Theni Kammavar Sangam Polytechnic College, Theni on 19.02.2011 and won the First Prize of Rs.1000/-. They also presented a paper on Recent trends in HVDC transmission in a National level paper presentation contest held at CSI Polytechnic College, Salem on 22.02.2011 and won the second Prize of Rs.500/-.

Selvi J.Rajashree and K.Seethalakshmi II EEE participated in paper presentation contest (PLC based Industrial Automation)

held at Arulmigu Kalasalingam polytechnic college, Krishnankoil on 10.02.2011.

Selvan E.Makenthiran, V.Jayakumar, V.Ponraj and V.Selvakumar of III yr. EEE participated in Quiz competition held at S A C S E n g i n e e r i n g C o l l e g e, Cheranmahadevi on 13.02.2011.

Selvi M.Kavitha and S.Viji III year MOP presented a paper on "Electronic Banking and Information Technology" in Govt. polytechnic college for women, Madurai on 3.3.11 and won a cash award of Rs.500/-. In the same campus their juniors Selvi V.Suganthamathi and M.Rajakumari II year MOP won a cash award of Rs.250/- presenting a paper on Recent Trends in Retail Management.

Congrats Winners!

Industrial Visit

Industrial Visits are the real motivation to the budding Diploma Engineers towards industrial orientation. The II and III year students were taken around the following industries to gain first hand knowledge of the industrial atmosphere:-

Our II year Civil Engg. students visited Vembakottai Dam & Rajapalayam Railway Station on 27.01.2011.

Our II and III year MOP students visited SPIC, Tuticorin on 14.02.2011.

Our III year Comp Engg. students visited Hello FM and The Hindu on 25.02.2011.

Survey Camp

A survey camp was conducted for our second year civil students at Courtallam from 20.2.2011 to 25.2.2011. The camp enabled our students to have practical knowledge of levelling, tacheometric contouring, curve setting, traverse etc. No doubt they developed their team spirit also!

PWD Project

Under the person with Disabilities Project we have received a Grant of Rs.4.5 lacs from MHRD, New Delhi. The benefits like scholarship, Traveling allowance and Boarding allowance were extended to the formal PWD students. The PWD students, 31 in total have been really blessed by this project!

Restoring attitudes

The RRC recognized as the best club, has once again become very busy with its series of activities. A lecture on "Celebrating Life" was organized on 12/1/11 with Sri. S.Sivanmurthy Dt. Field Offier, RRC, Virudhunagar. He explained the nature of adolescent problems and suggested some practical solutions. Another lecture on "HIV/AIDS Awareness" was arranged on 21/01/11 with Thiru.R.Ramachandran, counselor, Integrated Counselling Centre, ESI Hospital, Sivakasi as the Resource person. Smt. A.Uma Maheswari, an inmate of HIV Ullor Nalasangam narrated her pain and penury undergone by her in her family as well as the society. The RRC also organized Tamil Essay Competition on 10/2/11 in which 26 students participated. The winners Selvan S.Karthikeyan II ECE, G. Sankareswaran, II EEE, and R. Sadam Hussain, II ECE were given cash awards of Rs.250, Rs.150 and Rs.100 respectively. Dr. T.Ayyanar, Blood Bank Medical Officer, Govt. Hospital Sivakasi addressed the students on "Blood Donation Awareness" on 5/2/11. He called the blood donors as unpaid volunteers. A Peer Educator program on HIV/AIDS was arranged on 15/2/11. Thiru S. Sivanmurthy was the resource person. He defined the traits of a good Peer Leader. Good academic record, resourcefulness, health and leadership are the main desirable qualities of a leader. A Drawing competition on "Role of Youth" was also organized. Selvi J.Selvarani, III IT won a cash award of Rs.250/-, Selvan P.Sivakumar, II EEE and S.Durairaj, III Computer Engg. received the cash awards of Rs. 150/- and Rs. 100/-.

Shri. S. Sivanmurthy, Dt. Field Officer, RRC throwing light on HIV Awareness

Services powered by EEE Technicians

The EEE technicians are always found busy with their systemic schedule. They conducted "House wiring" course for rural people on 9.4.2011 under Community Development through polytechnic scheme. Mr.T.Nagarajan, Mr. M.Nagarajan and Mr.M.P.Murugan extended their services by conducting "Domestic Electrical appliances servicing" course at Kalaiyarkurichi 12.02.2011 and 13.02.2011. They also provided the Electrical power points for 150 computers in our computer center by assembling the switchboards. All the earth pits constructed in our campus were covered by ready made earth retaining wall worth of Rs.1300/-.

Ever-dynamic N.S.S.

Our Principal Shri. D. Balasubramanian inaugurating the Trainers' Training Programme for Programme Officers

A one day Trainer's Training programme for RRC programme officers of 51 polytechnic colleges of southern region was conducted in our campus on 19.2.11 by Dr.V.Seetharaman, Programme coordinator/DOTE and members of TANSACS. An Eye camp was conducted by Sankara Eye hospital and District Blind Abolition Society at Sivakasi. 5 boy volunteers and 5 girl volunteers rendered their service at Sivakasi Chamber of Trade and Promotion building. Mass cleaning work was conducted in the Government hospital campus, Sivakasi on 19.3.11. 75 volunteers took part in the cleaning activity. Selvan V.Rahul Kannan, II EEE attended the One day workshop at Arulmigu Senthil Andavar Polytechnic College, Tenkasi on 12.2.2011.

IETE students' Forum (ISF)

IETE students' Forum functioning in our polytechnic from 2009 has 100 ECE students as the members. We have purchased a robot named "Robosapien" manufactured by Wowwee, Hong Honk, at a cost of Rs.6,000/-. Our ISF members (Ten ECE students) performed a demonstration of offering flowers to God and putting the waste bag in the dust bin during the IETE students' Day celebration held at our college on 28.2.2011. It is useful to our students in studying the functions of a robot. It is a creation of Mark Tilden, a NASA scientist who worked on Mars Rover. Technical programs like Guest lectures and Quiz programs are organized by this forum. Technical Quiz was conducted for 50 ISF members on 28.2.2011. Selvi M. Lalitha, II year ECE and Selvan N. Jeyakannan, III year ECE won the first Prize of Rs.500/-, Selvan S.Kartheeswaran II year ECE and S.Selvakumar, III year ECE got the second Prize of Rs.300/-.

Quotes

You see things; and you say 'Why?'
But I dream things that never were; and I say 'Why not?'

-George Bernard Shaw

A model model-making contest

An Inter-polytechnic Model-making Contest was organized on 11/02/2011. Thirteen polytechnic colleges from all over Tamilnadu participated in the Arasan A.M.S.G. Vijayakumar Inter-polytechnic college model-making contest, presenting 30 models. Senior faculties of Kamaraj College of Engineering, Virudhunagar, adjudged the best model. The model named "**A Model of Home Automation (PC based)**" from V.S.V.N. Polytechnic College, Virudhunagar won the first place. Sri.S.Balachandar, Principal, PAC Ramasamy Raja Polytechnic College, graced the valedictory function as the Chief Guest and honored the winners and participants with prizes and certificates.

New purchases

A CPU Trainer Kit worth of Rs. 62,500/- a Router worth of Rs.35,000/- and Network Simulator / Router worth of Rs.65,000/- were purchased for the Computer Center on 26/3/11. New equipments and trainer boards were purchased to EEE Department for EDC lab at the cost of Rs.42,758/-. DVD writer and Hard disk drive (500 GB) were purchased for the EEE Department.

Placement unabated

This year also many students have been placed through campus interviews. Students have also been placed through off campus programmes. HCL, SAI Packaging, Bangalore, ITC, IVRCL etc. are a few of the important organizations who came to our campus. More than 126 students have been placed.

Act and Achieve!

An ounce of action is worth a ton of theory.

- Friedrich Engels

Chief Editor : Mr.D. Balasubramanian, Principal

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