

BULLFIN

OUR ACADEMIC PHILOSOPHY

The STUDENT is the centre of the educational universe around whom all our work revolves and towards whose welfare all our efforts are directed.

Yes, we are Active - Activity Means Progress - Progress is our Business



ARASAN GANESAN POLYTECHNIC COLLEGE SIVAKASI

Work is Wealth

Service is Happiness

August 2010

08/2k10

AGPC Excels!



*Sri S. Venkataramanan, Engineer, Inter-University Accelerator center,
New Delhi counselling on “Career Preparedness”*

Mr. S. Venkataramanan, Engineer, Inter - University Accelerator Centre, New Delhi, alumni of our institution had an interactive session with our students of Excel training programme on 17.06.2010 (Thursday). The programme was jointly organized by Student Services Cell of Canada India Institutional Cooperation Project and Alumni Association of our Polytechnic College.

During the interactive session, he widely spoke on “**Career Preparedness**” for our students. He spoke to the students on the importance of fundamental knowledge on their chosen field to face the interviews with self confidence. Mr. S. Venkataramanan, advised the students to enhance their skills through the various training programmes offered in both on and off campus. The students are asked to choose their career path based on their interest and opportunities. He also gave tips on Curriculum Vitae preparation and how to become successful in the work place. He inspired the students by his address.

Our thanks are due.

Sharing Knowledge

Sri K. Kannapiran, HOD / Chemistry gave a lecture on “Better Relationship between Teachers and Students” in Sivakasi Institute of Printing Technology, Sivakasi on 18.06.2010

Mr.L.Murugesan of ECE department delivered a guest lecture on “Internet” at ANJAPolytechnic College, Sivakasi on 21.06.2010.

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.

Mind Reading Headsets - The executives at a San Francisco startup of Emotiv Systems, has spent the last half-decade researching the so-called brain-computer interfaces. Emotiv is currently fine-tuning and mind-reading headset called Epoc. Epoc works by reading the brain's electrical signals, which are then translated into a multi-dimensional image. The images are then classified, according to the individual user, by a software called Emokey. Like an electronic phalograph, it detects the type and location of the activity occurring in our brain. For example, if you want your video game character to jump, you think about jumping or come up with a mental image that represents jumping. You then tell the system that this particular thought pattern means 'jump' then your character will jump. With the help of these headsets we can play a piano also. These products will be very useful to physically challenged persons.

Formula One - Formula One, is also known as Formula 1 or F1. Formula One World Championship, is the highest class of auto racing sanctioned by the Federation International Automobile (FIA). The "formula" in the name refers to a set of rules to which all participants and cars must comply. The F1 season consists of a series of races, known as Grands Prix, held on purpose-built circuits, and to a lesser extent, former public roads and closed city streets. The results of each race are combined to determine two annual World Championships, one for the drivers and one for the constructors. Formula One cars race at high speeds, up to 360 km/h (220 mph) with engines revving up to a formula imposed limit of 18,000 rpm. The cars are capable of pulling in excess of 5g on some corners. The performance of the cars is highly dependent on electronics, aerodynamics, suspension, and tyres. The formula has seen many evolutions and changes through the history of the sport.

HOW CYCLONES ARE NAMED? - One has always wondered how these cyclones got their names and who select them. The India Meteorological Department (IMD) says the practice of naming storms (tropical cyclones) was adopted years ago to help identify them so that people could be informed about their arrival quickly. Since September 2004, Cyclonic storms forming within

The North Indian Ocean are named by the Regional Specialised Meteorological Center (RSMC) in New Delhi, India.

This decision, to give names to the cyclones that form over the North Indian Ocean region, was taken unanimously by eight countries Bangladesh, India, Maldives, Myanmar, Oman, Pakistan, Sri Lanka and Thailand in the year 2000.

While the names of cyclone Nargis and Laila were suggested by Pakistan, the name Aila (meaning, fire) was suggested by the Maldives.

The cyclone that followed Laila was called Bandu. The name, Bandu, was given by Sri Lanka.

SMART CARDS - A smart card, chip card, or integrated circuit card (ICC), is any pocket-sized card with embedded integrated circuits. There are two broad categories of ICCs. Memory cards contain only non-volatile memory storage components, and perhaps dedicated security logic. Microprocessor cards contain volatile memory and microprocessor components. The card may embed a hologram to prevent counterfeiting. In 1999 Gujarat was the first Indian state to introduce a smart card license system.

Some of the Applications are:

Computer security, health care, identification, set top boxes, cellular phones, banking, driving license.

E-Token - e-Token is a small and portable smart card. It has a standard USB connectivity and water resistant container. e-Token is used for user authentication, digital signatures for business transaction, secure storage of digital certificates, password protected files and some confidential files. It is also used for e business service, secure network login, secured e-mail, PC security etc. There are multiple application support in one e-token.

Various examples of e-token are PC Boot Protection, Laptop theft protection, File & Desktop access control, E-Banking, user Identification & authentication to PC, user identification and authentication to LAN.

Summer Vacation, Nay, Summer Work for Computer Dept.!

An application package was developed to generate the reports for Virudhunagar Collectorate's Maram Valarpu Thittam in VB by Mr.M. Thirumurugan and Ms.J. Ramathilagam during the summer vacation.

An application program to develop skills in attending screening test in interviews were developed in VB by Ms.M.Mohana, Ms.A.Padmavathy, Ms.V.Nagalakshmi & Ms.V.Thangarakku.

One week course on "Programming Skills" was conducted to 58 students of I year Computer Engineering and Information Technology branches from 26/04/2010 to 30/04/2010.

TWO IN - ONE

Data Entry work assigned to students help them to enhance their working skill and speed. We involve our students in creating records for our Municipality and Collectorate.

For the scheme of "MARAM VALARPU THITTAM" taken up by Virudhunagar Collectorate 1,50,000 nos. of data entry work was done by ten staff members and sixty students from 27.04.2010 to 14.05.2010.

Four staff members and twenty students completed the data entry work to record the particulars of slum survey in Sivakasi Municipality from 24.05.2010 to 31.05.2010. The total number of records were approximately 4,000 booklets.

Be a Role Model



Sri K.Kannapiran inspiring the ISTE members

The ISTE Staff Chapter organized a special lecture by Thiu.K.Kannapiran, HOD/Basic Engg.on "Improving Staff-Students relationship" on 09.06.2010.Thiru.D.Balasubramanian, Principal and Chairman/ISTE Staff Chapter in his presidential address stressed the importance of staff-student relationship through which only the knowledge transfer could be easier. The resource person insisted that every teacher should be a model to the learners.

Volunteer Service!

An Eye Camp was conducted by Sankara Eye Hospital and District Blind Abolition Society at Sivakasi on 09.05.2010 and 11.07.2010. Ten volunteers rendered their service at Sivakasi Chamber of Trade and Promotion building.

A mass tree plantation project was organized in collaboration with District Collectorate, Virudhunagar at our campus. All the second year volunteers rendered their commendable service to plant 300 saplings.

A Guest Lecture was arranged on the topic "Leadership and Motivation". Thiru T. Sivabalan, Former President of Lions Club of Sivakasi addressed the volunteers. He remarked that altruistic service and unflinching effort should become the possessions of the volunteers so that they can serve the country in the true sense of the word.



Thiru. T. Sivabalan motivating the volunteers

WID Revived

The Women In Development Cell continues to revive their members' team spirit and synergy. The girl students were addressed by the teachers on "Human Relations" and "Dress Code" on 17.06.2010 and 08.07.2010.



Smt. Aranga. Kothai Natchiar, Lecturer, Comp. Engg. Dept. guides the students on "Dress Code"

AGP Connecting 3G!

A Technical Guest Lecture on the topic "3G Technology" was organized under ISTE Students' chapter on 09.07.2010. Mr.S.Palanivelrajan, JTO, BSNL, Virudhunagar was the resource person. 40 students of various branches attended the technical lecture and got benefited. He explained how the 3G Technology is intensively extended to the telephonic processes.



Sri. S. Palanivelrajan, BSNL, Virudhunagar inspires the students on 3G Technology

Learning Furthered

Mr.D.Moses Daniel Prabhahar of ECE department attended a two-day course on "Software Technology for Embedded System" on 18.06.2010 & 19.06.2010 at VSVN Polytechnic College, Virudhunagar.

IETE in high gear

Four of ECE staff members attended the Annual General Body meeting of IETE chapter on 29.06.2010 at Mepco Schlenk Engg College, Sivakasi. Our Principal is elected, as Vice Chairman & Mr.L.Murugesan as the Co-opted member of the executive committee of IETE Sivakasi sub-center.

Congrats to the Vice-Chairman and the member!

Speed Regulated

Mr.M.Subburaj, Lect/Mech attended an exhibition cum demo on speed governor for educational institute buses organized by R.T.O office, Madurai (South) on 17.07.2010. All the educational institute buses must be fitted with speed governor to limit the vehicle speed to 50 km/hr.

Infrastructure

The Civil Department has purchased a structural design and detailing software from CADS, Chennai. It helps the students to design, detail and analyze multi-storeyed buildings.

Four computers are installed in the Electrical laboratory for the conduct of PLC practicals.

Genial Deeds

The PWD Project cell submitted proposals to the District Differently Aabled Welfare officer, Virudhunagar to procure two wheelers for Selvan V.Saravana Babu, III Year MOP and Selvan D.Suresh Kumar, III year Computer Engineering.

The PWD Project cell also helped our PWD student Selvi S.Uma, (II Year MOP) to get artificial limb for her mobility through Mr.Anandh Sanghvi of Marvadi Association, Sivakasi.

It is very kind of you Sir!

Guest Lectures

Mr. R. Prabhakaran, Centre Manager, CADD Centre Sivakasi, addressed the Mechanical students on "CAD Software " on 18th June, 2010.

Mr. S. Karthikeyan, CSC Computer Education (P) Ltd., Thiruthangal., delivered a lecture on the topic "Concepts of CAD/CAM & Job Opportunities in CAD/CAM field" to the Mechanical Students on 29th June, 2010.

Mr. T. Vijayamoorthy, V.K.S. Computer Graphics, delivered a lecture on the topic "Key tools for pagination in Indesign CS2" to the Printing Technology Students on 22nd June, 2010.

Mr. G. Puralarasan B.E. M.B.A., Faculty, Wave Innovation (P) Ltd, Madurai., delivered a lecture on the topic "Mobile Communication" to the ECE Students on 12th July, 2010.

Mr. R. Vignesh and Mr. A. Shanmuga Ganesh from Apollo Computer, Sivakasi, delivered a lecture on the topic "Animation" to the Printing Technology Students on 19th July, 2010.

Orientation to the Newcomers

The New entrants were given an orientation programme to tune themselves to the AGPian system. The I year students were well counseled on topics like Discipline Health, Presentation, Opportunities for Co-curricular and Extra curricular activities, Behaviour and Placement. Their numerical ability was also refreshed. The Parents of the I year students were also familiarized with the rules and regulations of the Institution in a specially arranged parents meeting on 1/7/10.

Quotes!

Every one thinks of changing the world, but no one thinks of changing himself.

-Leo Tolstoy

Placement Well ahead

This semester also the placement office has become very busy with campus interviews. The following are the organizations which recruited our students:-

Sl. No.	Name of the Company	No. of Students Placed
1.	Govindaram Builders, Virudhunagar	8 Nos.
2.	TVS Motor company, Hosur	2 Nos.
3.	R.R.Donellay, Chennai	Result awaited
4.	Sun Industrial Automation & Solution, Chennai	2 Nos.
5.	Texas Instruments, Bangalore	Result awaited

We express our sincere thanks to the above industries.

CIICP (Canada India Institution Co-operation Project)

Extra courses are organized in the evenings for strengthening the students' knowledge and skill, under CIICP. They are:-

1. PLC course for III year students started on 19.06.10
2. Course on Computer Networks for 40 III year IT students from 28.06.10 to 06.07.10.
3. Course on "PHP Programming" conducted for 70 III Year Comp. Engg Students from 28.06.10 to 06.07.10.
4. Foundation course on Electrical Engineering for II year students started on 10.07.10.

A Cluster Programme on "Computer Hardware & Servicing" is going on for 27 students of Sri Kaliswari Arts and Science College, Sivakasi.

Seeing is believing

Industrial visits help the students to gain first hand knowledge of the processes: The following visits to various firms have enabled our students towards better orientation to the industries.

Sl. No.	Dept.	Place	Date
1.	Civil	1. Velsell ready mix concrete plant, Madurai 2. Yasin Bricks plant, Madurai 3. Viraganur Head Regulator	15.07.2010
2.	P. Tech.	The Hindu, Madurai	22.07.2010

As Usual, Unusual

To create awareness about AIDS among the youth, TANSACS and Red Ribbon Club of our State conducted District level Sports and Games events. It was held on 22nd and 23rd of July, 2010 at District Sports Stadium. Our Volleyball team and Hockey team participated in the competition.

Both the teams came out victoriously. In the Volleyball, our team won the mighty team of AJ college, Sivakasi and in the Hockey finals our college won the team of MEPCO Schlenk Engg.College.

The winners were honoured with cash awards.

Bravo Winners!

The Right Service

Our town is reorienting itself to the solar energy. Solar energy should be our right choice in an arid area like Sivakasi. Many educational institutions, industries and Govt. offices in our district resort to this primary source of energy. Our technical personnel are maintaining 16 CFL solar lamps and 7 LED Solar Lamps in our campus.

Workshop for Engineering teachers

A two-day workshop on “Micro controller based System Design” was organized by Electronics and Communication Engineering department on 9th and 10th July 2010. There were 23 participants from 11 Polytechnic and Engineering Colleges. Dr. N. Senthil Kumar, professor / EEE, Mepco Schlenk Engineering College, Sivakasi encouraged the participants to develop their skills in “Micro controller based System Design”. Thiru. N. Premachandran, Managing Director, center for Development of Industrial and Embedded Technology (cDIET), Virudhunagar delivered a lecture on “Instruction set and assembly language programming”.



Participant's feedback in Valedictory function of workshop on “Micro controller based System Design”

The course was more practical oriented and the participants were busy completing all the practical classes before they left the campus. Most of the staff members felt that they had to visit the department to complete their training. The active participation of all the teachers throughout the theory and practical sessions made the course a successful one.

Ever Dynamic EDC!

To avoid the water scarcity in the campus, the Polytechnic Main Building well was deepened 10' feet from the existing level at a cost of Rs. 1.00 lakh. Thanks to our Management for the timely help rendered in this regard.

A lecture was organized on 30.06.2010. Mr. M. Pugazh, Sr. Lect. / P. Tech. delivered an interesting and informative lecture on “How to combat Global Warming”.

Facts to Make Every Indian Proud

The value of pi was first calculated by Budhayana, and he explained the concept of what is now known as the Pythagorean Theorem. British scholars have last year (1999) officially published that Budhayan's works dates to the 6th Century, which is long before the European mathematicians.

Algebra, trigonometry and calculus came from India. Quadratic equations were by Sridharacharya in 11th Century; the largest numbers the Greeks and the Romans used were 10^6 whereas Indians used as big as 10^{53} .

According to the Gemmological Institute of America, until 1896, India was the only source of diamonds to the world.

Courtesy - World History Facts of India

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