



PROGRESS THROUGH EDUCATION

VIDYA NEWS & EVENTS



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Scholarship and Endowment Prize Distribution Function 2011-12

The Scholarship and Endowment Prize Distribution Function 2011-12, one of the most important events of the College, was held in the Auditorium on 21, June 2011. The event was exalted by the presence of Dr. E. Sreedharan, Principal Advisor to the Delhi Metro Rail Corporation. The chief guest inaugurated the function by lighting the traditional lamp.



Dr. E. Sreedharan inaugurating the Scholarship and Endowment Prize Distribution Function 2011-12

Scholarships worth a total of Rs. 1.6 Crore were distributed among 85 students of the college. Ms. Sujata Madhav (Head of Infrastructure Business for India, TCS) and Ms. Reeja George (Academic Relationship Manager - Kerala, TCS) were special guests. Dr. Sudha Balagopalan (Principal VAST) introduced the guests. Mr. P.K Asokan (Chairman, VICT) presided over the meeting and Mr. K Muraleedharan (Founder Chairman, VICT) distributed the 27 endowment prizes. Mr. Suresh Varrier (PTA President), Mr. Ajin Aravind (Alumni Representative), Dr. S. P Subramanian (former Principal), Dr. P. Pratapachandran Nair (Professor Emeritus), Prof. K.C. John (Staff Club representative), Mr. Hariprasad K (Student Senate Secretary) delivered felicitations. Er. G. Mohanachandran (Executive Director VICT) welcomed the gathering and Dr. V.N Krishnachandran (Vice-Principal and Co-ordinator, Organizing Committee) proposed Vote of Thanks.

FROM THE PRINCIPAL'S DESK



Dr. Sudha Balagopalan
Principal

Engineering imitates nature, as evidenced by many modern optimization techniques like Genetic Algorithm which bases on inheritance, mutation, selection and cross-over or Simulated Annealing based on crystallization. Even for generation of artificial intelligence (AI) we borrow structural engineering and operation through supervised learning from neural networks. But do we tap the results of the unconscious intelligence, i.e. the thumb rules or heuristics? Even from the field of sports and games, engineers can get several related ideas. To catch a ball, though analytic engineering would suggest calculating the trajectory and prepare to run fast to the point where the ball can be intercepted, the thumb rule is to 'Fix your gaze on the ball, start running, and adjust your running speed so that the angle of gaze remains constant' or 'such that the image of the ball rises at a constant rate'. This is a concept which disregards wind speed, air resistance, spin etc. and can be borrowed for MPPT with respect to physical solar tracking, topical in Kerala and on our campus. For any given set of operational conditions, solar cells have a single operating point where the values of the current (I) and Voltage (V) of the cell result in a maximum power output, known as the maximum power point (MPP) and corresponds to the "knee" of the curve. The popular non-physical tracking methods like 'hill climbing i.e. perturb and observe or incremental conductance method or constant voltage method' can be developed to mimic the 'gaze heuristics'. The idea, that by feedback the 'angle of gaze' can be kept constant for tracking can be incorporated into any field, even non-physical. It is hoped that the student -teacher community will try out this concept in their projects.

International Conference EPSCICON 2012

The department of EEE organised its second International Conference on Power, Signals, Controls & Computation, EPSCICON 2012 during 02-06, January 2012, with the technical co-sponsorship from IEEE PES. Eminent persons of distinguished organizations such as Dr. Pinaki Mitra, R&D wing of ABB, National Instruments and Kalki Communications Technologies ,Prof. Pramod Khargonekar, University of Florida presided, Mr. N Murugesan, Dir. General, CPRI, and depute of Mr. CGS Mani, President, Bajaj Electricals & ELCOMA and professors from US, Sweden, China, Australia, Portugal, Hong Kong, Russia etc participated. The seminar part of the conference was held in Lulu International Convention Centre. Prof. Pramod Khargonekar ,Prof. Anders Lindquist, Shanghai Jiaotong University, China, CIAM, Royal Institute Of Technology, Sweden, and then Professors Kok Lay Teo, Curtin University, Australia, Prahlad Vadakkeppat, National University of Singapore, Rajeeb Dey, Sikkim Manipal University, Prof Achuth Sankar S Nair, Centre for Bio-Informatics, India, V.K Damodaran, INGCORE, TVM & Hangzhou UNIDO International Energy Consultant, King Wah Eric Chu, Monash University, Australia, Ryan Loxton, Curtin University, Australia , Kumar V Singh, Miami University, Oxford, and Shankar P. Bhattacharya, Texas A & M University, Professor Narayanan Komerath, Georgia Institute of Technology, Mark Liberzon, Russian Engineering Academy, Russia, Delfim Torres, University of Aveiro, Portugal, and Linash

P Kunjumammed, Imperial College, London participated. There was a Sarod concert by Prof. Shankar Bhattacharyya, accompanied by the thabla maestro Sri. Gourishankar and piano concert by Anna Margulis.



Dignitaries on the dais during inaugural session of EPSCICON 2012

TECHFEST 2012

Vidya Academy of Science & Technology organized a National level Technical Festival "VEGA 2012" during 12-13, April 2012. The chief guest, Mr. Sreekumar V.V (Deputy General Manager of National Thermal Power Corporation, Kayamkulam) inaugurated the event.



Mr. Sreekumar V.V inaugurating the TECHFEST 2012.

Principal Dr. S.P. Subramanian, Er .G. Mohanachandran (Executive Director, VICT), Dr .K.B. Maheswaran Nampoothiripad and Prof. V.A. Sudhakaran (Head, Dept. of CE) , Mr. HaroonAhammed Kithu (Student Senate Chairman) and Mr. Sooraj K Soman (Student Convener) participated.

National Conference on Computer Networks, Human Computer Interactions and Image Processing NCHIP '12

The second National Conference on Computer Networks , Human Computer Interactions and Image processing NCHIP ' 12 was organized jointly by the Department of Computer Applications and Department of Computer Science and Engineering of Vidya Academy of Science and Technology during 14 – 15, March 2012, with technical co-sponsorship from the Computer Society of India and the Indian society for Technical Education.



Professor Dr. K Karunakaran lighting the lamp on inaugural function of NCHIP '12

Chief guest Sri K G Gireesh Babu (CEO, Technopark , Thiruvananthapuram) and Professor Dr. K Karunakaran (Vice-Chancellor, Anna University of technology, Coimbatore) participated.

Arts Festival 'ADVIKA-2011'

Vidya Arts Festival 'Advika-2011' organized by Student Senate was conducted on 21 and 22 December 2011. The famous Malayalam film director Major Ravi Inaugurated the function at 9.30 am on 21-12-2011. Mr. Haroon Ahamed Kithu (Chairman - Student Senate)) welcomed the gathering. Dr. S.P. Subramanian (Principal, VAST) presided over the function. Dr. P. Pratapachandran Nair (Professor Emeritus) and Mr. Justine Jose (Advisor, Student Senate) felicitated. Mr. Nivin Kumar (Arts Secretary – Student Senate) proposed vote of thanks

College Day -2012

College Day -2012 was celebrated at College Auditorium on 21, March 2012. Mr. Suresh. K Varier inaugurated the function. Dr. S.P. Subramanian (Principal-VAST), Er. G. Mohanachandran (E.D – VICT) and Mr. Justine Jose (Advisor-Students Senate) spoke on the occasion.



Mr. Suresh. K Varier inaugurating the College Day 2012

Mr. Hariprasad (Gen. Secretary – Students Senate) delivered vote of thanks.PTA distributed different awards to outstanding performers of staff and students of Vidya. Different cultural programs were performed by winners of Inter zone, D-Zone and Advika (Vidya Arts festival).

Annual Sports Day 2011-12

Vidya Academy of Science and Technology organized its 5th Annual Athletic Meet 2011-12 on 22, March 2012 with the aim of promoting sporting talents in the students. Sri. Victor Manjila, Inter National Footballer & Coach inaugurated the meet and received salute from the Athletes and hoisted the College Flag. The Torch was handed over by the chief guest to Mr. Freddy Calicut University Table Tennis team member. Er. G Mohanachandran (Executive Director) presided over the function. Er. K P R Vijayan, (Author Trustee & Construction Co Coordinator VICT) and Er. C K Jayarajan (Author Trustee VICT) felicitated the meet.



Sri. Victor Manjila hoisting the College Flag

College General Captain Mr. Yoonus M P took the Oath on behalf of all the athletes of the college. Mr. K.V. Ramesh (Asso. Prof. in Physical Education) proposed Vote of thanks. Various competitions for staff and students were held during the occasion. Department of Production Engineering secured the Championship in Men's Category and department of Civil Engineering secured the Championship in Women's Category.

IBM centre of Excellence

The IBM centre of Excellence was inaugurated by Mr. Anil Menon (Director, Marketing & Communication, IBM Software) on 20, December 2011 in the Main Seminar Hall. This was aimed at creating a platform for the development of software skills among students and helped to acquire new skill sets around IBM software as well as develop world-class business solutions. A training program on DB2 9.7 was organized during 6-8, March 2012. Mr. Venkatratnam from IBM conducted the training.

VAST Fourth Alumni Meet

The Fourth Alumni Meet of Vidya Alumni Association was held on 24, December 2011 at Vidya Auditorium. Dr. S.P. Subramanian, Mr. Suresh Varrier-president VAST PTA, Mr. Paul Chackola, Mr. Sivadasan. E.T, Mr. Jinto A.J, Secretary, VAST Alumni, participated and Ms. Nimmy. C.S (Treasurer) presented the financial report.

AION 2012

AION 2012, the Science Fest for the first year B. Tech students was held in the college Auditorium on 20, January 2012. Prof. C. Govindankutty Menon (Retd. Professor of Physics, Sree Kerala Varma College, Thrissur) was the Chief Guest who delivered a lecture on "what ails Indian Science" as part of his inaugural address.



Prof. C. Govindankutty Menon inaugurating the science fest AION 2012

Dr. S. P. Subramanian (Principal) presided over the function. Er. G. Mohanachandran (Executive Director – VICT) and Dr. P. Pratapachandran Nair (Professor Emeritus) felicitated. Earlier Prof. M. Mohandas (Prof & Head, Humanities) welcomed the gathering and Dr. Mannil Mohan (Professor – Physics) proposed vote of thanks. The inaugural session was followed by various competitions like Paper Presentation, Poster making, science Quiz etc for the first year B.Tech Students

- A group of students (S1S2 D Batch) visited Santhwanam Charitable Trust, Anthikkad on 19, December 2011 and donated an amount of Rs. 5,000. Ms. Jiby Jose (AP Applied Science) and Ms. Nisha. A.B (AP Applied Science) accompanied.
- VSSC conducted a one day training programme for the first year students on 07, 21 and 28 January 2012. Rev. Fr. Paul Pottekkal handled the session.
- A one day Faculty Development Programme was conducted on 21, January 2012. Dr. R Sethumadhavan (Program Director- The Science and Technology Rural Entrepreneurship Management Project) and Dr. John K Thekkedam/Swami Sucheta Snehananda Jyoti (Clinical Psychologist and Director of a holistic organization - East-West Awakening) were the resource persons.
- Adv. Jose Peter and Adv. Eldon (Kerala State Legal Services Authority - KLSA) took a class on Legal literacy for the second year students on 20, January 2012. The programme was organized as a part of the anti-ragging campaign initiated by KLSA.
- A talk on "First Aid & Trauma Care" was organized for the NSS volunteers on 24, January 2012 by Sri. Sadaradheen N K, Trauma Master Trainer, Ideal Relief wing. About 70 NSS volunteers attended the programme.
- VAST Student Chapter of IE(I) Computer Science & Engineering Division Organized a two day Workshop

on MATLAB on 03, February 2012. Mr Dhanish Chandran (Assistant Professor Dept of ECE, IES College of Engineering) handled the session.

- The flagging off ceremony of the new PTA bus was held at the college main lobby on 11, January 2012.
- Dr. P. Pratapachandran Nair (Prof Emeritus VAST), Mr. Nitin Padmanabhan (Asst Prof- EEE Dept), Mr. Anwin Antony, Mr. Sibin Sadasivan (S6 EEE) attended the Annual General Body Meeting of IEEE Kerala Section on 14, January 2012 held at Trivandrum.

National Conference "NCRTAM-2012"

A National Conference on Recent trends in Advanced Mathematics "NCRTAM-2012" was organized by the Dept. of Applied Sciences, VAST during 02-04, February 2012 under the sponsorship of All India Council for Technical Education, New Delhi



Dr.N Sridharan delivering a talk during NCRTAM-2012

It included 09 invited lectures by experts from different parts of India in various areas of Mathematics.

Approved Research Centre of Anna University of Technology, Coimbatore

Vidya Academy of Science and Technology is recognized as an approved research centre to have interaction with Anna University of Technology, Coimbatore for Collaborative Research Programme in the areas of Electrical and Electronics Engineering (EEE) and Computer Science and Engineering (CSE).

Achievers Day

Parent Teachers Association (PTA) VAST organized the "Achievers Day" in the College Auditorium on 14, February 2012. Mr. Alankode Leela Krishnan (Well known Poet & Writer) participated as the chief guest. Mr. Suresh Warriar (PTA President), Dr. S.P Subramanian (Principal, VAST) and Prof. M Mohandas (Secretary PTA) participated. In continuation to the achievers day the Dance Club VAST was inaugurated on the same venue by Ms. Malavika Wales (Cine Artist).



Mr. Alankode Leela Krishnan inaugurating the Achievers Day

NATIONAL SCIENCE DAY – 2012

Vidya Academy celebrated the "NATIONAL SCIENCE DAY - 2012" on 24, February 2012 in the Main Seminar Hall. The chief guest Dr. K. K. Surendranath, Dr. S. P. Subramanian (Principal), Dr. K. B. M. Nampoothiripad, Dr. Pratapachandran Nair (Prof Emeritus, VAST) and Dr. Sasidharan Sreedharan (Professor, EEE dept) participated.

- The International Women's Day 2012 Celebration was organized by the students & staff of EEE Department on 08, March 2012 in the EEE seminar hall. Dr. Sudha Balagopalan (Prof & Head, Department of EEE), Dr. Agnisarman Namboodiri (Prof, Dept of CSE) and Prof. V A Sudhakaran (Prof & Head, Dept of CE) participated.



Dr. S. P. Subramanian delivering the welcome address on NATIONAL SCIENCE DAY – 2012

- VAST Student Chapter of IE(I) Computer Science & Engineering Division Organized a two day Workshop on MATLAB on 03, February 2012. Mr Dhanish Chandran (Assistant Professor Dept of ECE, IES College of Engineering) handled the session
- RDEC Cell of Vidya Academy of Science and Technology conducted awareness programmes on

Technology and Environment – Women Scientist Cell , M. M. Mathai (Electrical Inspector, Thrissur), Prof. V.K. Sasikumar (Retd Professor, Dept of Chemical Engg, GEC Thrissur) and Shri.P.C.Davis (senior consultant, WASCON, Kerala Water Authority) participated.

- **Hostel Day 2012** was celebrated on 01, March 2012 in the College Auditorium. Dr. S. P. Subramanian (Principal) inaugurated the function. Mr. Justin Jose (Warden), Resident Tutors and students from both the boys and the girls hostels were present.
- **In memory of Mamatha E**, who died in a road accident a year ago, her classmates instituted a cash prize of Rs.2000/- which together with a memento was awarded this year to Ms Veena N V of the 2008- 2011 MCA batch who had scored the highest total marks in the University examinations.
- **ISTE VAST Chapter** organized a talk on "Why is there Electromagnetism in the Universe" by Dr. Mannil Mohan (Professor, Applied Science Dept) in EEE seminar hall on 20, April 2012
- **ISTE VAST Chapter** organized a talk on "**Stochastic Models**" by Dr. S. Satheesh (Professor, Applied Science Dept) on 22, June 2012 in EEE Seminar Hall. Dr. K.B.M. Nambudiripad led the discussion.
- **Under the auspices of the MCA Association**, a Seminar on "Java Web World" was held in the Department Seminar Hall on 20, March 2012. Mr Baiju Sivaraman (Software Engineer, Kites Software Pvt. Ltd., Cochin) was the main resource person of the function. Members of staff in Vidya family organized a pleasure trip to Parambikkulam on 24, March 2012. The tour program was well organized by Vidya Staff Club.
- **The installation ceremony of the new EXECOM office bearers of IEEE Student Branch VAST** was held on 09-03-2012 (Friday). The event was attended by the IEEE members of VAST SB and also students who wanted to know more about IEEE. The program started with an inaugural address by Mr Nitin Padmanabhan, Branch Counsellor, IEEE SB VAST. He presented the list of new office bearers for the year of 2012.



Staff Tour

The oath read out by Dr. Sudha Balagopalan (Prof & Head, Dept of EEE). After the installation ceremony, Mr Paul J Chakola (Director, Placement & Training , VAST) presented a talk on " A Brief Introduction to Project Management". It was an informative and interactive class about doing projects, managing time etc. Mr. Sarath Vipin (Secretary, VAST IEEE SB) proposed the vote of thanks.

- **The IEEE Student Branch, VAST** together with IEEE GOLD Kerala Section organized a one day program "Colloquium on Perspectives of Professional Development". Dr. Sudha Balagopalan (Professor & Head, EEED) delivered the welcome address. Mr. S Gopakumar (Deputy Director, VSSC (Retd.)), Dr. M V Rajesh (HOD ECE, College of Engineering, Cherthala), Mrs. Mini Ulanat (System Administrator, CUSAT), Mr. Shahim Baker (CEO, Grey Techno Labs) and Mr. Nitin Padmanabhan (Vice Chair, Kerala GOLD) participated



Participants of program "Colloquium on Perspectives of Professional Development".

- **Vidya Academy of Science and Technology** donated 3 computers to "Thanal Charitable Trust", Kiraloor on 17.03.2012 as a part of "Brahma-Vidya" Social Outreach Programme.



Mr.Abith Ganesh handing over the computer to the official of Thanal Trust

TRAINING AND PLACEMENT ACTIVITIES

- **M/s.** Al Reyami conducted a Campus Recruitment Drive (CRD) 2012 at our campus on 28, April 2012. 85 students from CE, ME and PE participated in the drive of which 45 are shortlisted after the test.
- **The** students of S8 CSE got selection in the Placement drive by Sutherland conducted at VAST on 8/2/12.

STAFF PARTICIPATION AND ACHIEVEMENTS

- **Prof.** K.V. Leela (Professor, Civil Engg Department) delivered a lecture on Structural Systems for Skyscrapers on 16, December 2011, at Govt Engineering College, Kozhikode, for the short term training programme for teachers in Engineering Colleges, organised by Director of Technical Education, Govt of Kerala.
- **A** paper titled "Cold Start Emission Control in SI Engine – Phase Change Material Based Preheated Catalytic Converter" authored by Dr. S.P. Subramanian (Principal) and Mr. Justin T Francis (Research Asst-Dept of ME) was presented in the International Conference on Recent Advances and Challenges in Energy (RACE 2012) organized by Dept of Mechanical and Manufacturing Engg of Manipal Institute of Technology during 04-06, January 2012. The presentation was made by Mr. Justin T Francis.
- **The** paper titled "Socially Structured Transferable Utility Game Applied to Electricity Markets" authored by Dr. Sudha Balagopalan (Prof and Head, Dept of EEE) has been accepted in the International Energy Journal.
- **The** papers "An integral approach for voltage stability enhancement for large wind integrated systems" by Dr.Sasidharan Sreedharan (Prof EEE Dept) &Ms. Maya B(Asst Prof. EEE Dept) " A comparative study on sensor and sensorless speed control of four switchinverter fed BLDC motors" by Mr. Nikhil. S and Ms. Akhila. R (Asst Professors, EEE Dept) and "A Study on the DC Conductivity and Thermoelectric Properties of Carbon Nanotubes Based Polyaniline Composites" by Ms. Sobha. A.P (Asst Prof. AS) were presented by the faculty members of VAST in the International Conference EPSCICON 2012 held during 04-06, January 2012.
- **Ms** Siji K B (Assistant Professor, Department of Computer Applications) presented a paper titled "More CAS's in Maths classrooms: An urgent imperative" in the International Conference on Technology Enhanced Education in Amrita Viswa Vidyapeethom, Amritapuri Campus, Kollam, Kerala held during 3 - 5 January 2012.

- **A** paper titled "Preserving Privacy in Data Mining : A brief study" authored by Ms Jisha Jose Panackal (Assistant Professor of Computer Applications) has been accepted for presentation in the CSIR sponsored National Conference on Computing, Communication and Information Systems to be held at Sri Krishna College of Engineering & Technology Coimbatore during 10 – 11, February 2012.
- **Dr.** Sasidharan Sreedharan (Professor, EEE Dept) delivered an invited talk on the topic "Power Electronics in Power System and Controllers" in the 3 day ISTE sponsored course held at Jyothi Engineering College, Thrissur on 02, February 2012.
- **Ms.** Anjali P Sasidharan (AP CE) presented a paper and poster in the National Conference: "Second National Technological Congress (NATCON 2012) on Sustainable Systems and Processes - Innovations for a New World Order" held at GEC Thrissur during 9 – 10, February 2012
- **Ms.**Jisha Jose Panackal (Assistant Professor, Computer Applications) presented a paper titled "Preserving privacy in data mining" at the NCCCIS '12 (National Conference on Computing, Communication and Information Systems 2012) held at Sri Krishna College of Engineering and Technology, Coimbatore, during 10 - 11 February 2012.
- **Prof.** K.V. Leela (prof CED) delivered a lecture on "NBC-2005- Provisions for Earthquake Resistant Design of Structures" on 20, February 2012 for the workshop on "Awareness on Indian standards' with particular reference to National Building Code" organised by Institution of Engineers Thrissur local center. Prof. V. A Sudhakaran, HOD CE attended the same.
- **The** Institution of Engineers (India) Trichur Local Chapter felicitated Dr. P. Pratapachandran Nair (Prof Emeritus VAST) for being conferred the Hon.Fellowship of ISTE, in a meeting held on 20, February 2012 at Trichur.
- **Mr** Jinto A J ,Asst Prof ME Dept conducted a training programme for the project team of SEPR Refractories India Ltd on " PROJECT PLANNING AND MANAGEMENT USING MICROSOFT PROJECT 2010" on 3rd 4th & 11th Feb 2012.
- **Mr** Jinto A J and Mr Vibin Antony ,Asst Prof ME Dept have achieved the professional excellence certificate "AutoCAD 2012 Certified Associate" successfully completed.
- **Dr.** P. Pratapachandran Nair (Professor Emeritus, VAST) represented our college in the Two Day workshop for Principals of Colleges affiliated to Universities in Kerala held at UGC – Academic Staff College, Kariavattom Campus, Thiruvananthapuram during 05-06, March 2012.

- **Dr. V.N Krishnachandran** (Prof & Head, Department of Computer Applications) delivered a talk on "The Elusive Path from Madhava to Newton: An Introduction to Kerala School of Mathematics" in the two-day National Seminar on History of Science in India, organized by the Department of Cultural Education, Amrita School of Engineering, Coimbatore on 03, March 2012
- **Prof. K. V. Leela** (Professor, Dept of CE) delivered five lectures on "Advances in Steel Design" in the short term training program for Engineering College Teachers at Govt. Engineering College, Thrissur during 27, February - 01, March 2012, under the sponsorship of the Govt of Kerala
- **Dr. Satheesh. S** (Prof, Dept of Applied Science) delivered an invited talk on "Facets of self-similarity" in the three day workshop cum seminar on Probability and Statistics, held during 05-07, March 2012 at the Department of Studies in Statistics, University of Mysore.
- **Ms. Theresa V Cherian** (Asst Professor, Dept of CSE) presented a paper in a National Conference NCISE 2012 at Arupadaiveedu Institute of Technology, Vinayaka Missions university, Chennai during 9-10, March 2012.
- **Ms. Anu Kuriakose** (Asst Prof, Dept of EEE) presented a paper titled "Single phase seven level inverter for PV Applications" in the International Conference ICRIT 2012 organised by RIT Kottayam during 23-24, February 2012.
- **Dr. Sasidharan Sreedharan** (Professor, Dept of EEE) presented a paper titled Intelligent Controllers in the NI sponsored National conference on Smart Technologies for instrumentation and control engineering 2012 (NCSTICE – 2012) at Jyothy Engineering College, Thrissur on 22, March 2012.
- **Ms. Beena .M.V** (Asst Prof, Dept of CSE) presented a paper on "comparative evaluation of age progression technique" in the National Conference on Computer Networks, Human-Computer Interaction and Image Processing "NCHIP 12" during 14– 15, March 2012
- **Ms. Reshma V.C, Ms. Amritha Babu** (Asst Professors, ECE Dept) attended a two day Faculty Development Program On "Mobile Communication" held at Jyothi Engg College, Cheruthuruthy during 16-17 March, 2011.
- **Col. M.P. Induchudan** (Retd), (Prof & Head, Dept of CSE) attended a one day workshop on National Vocational Educational Qualification Framework (NVEQF) sponsored by AICTE and Dept of Technical Education, Govt of Kerala held at College of Engg, Thiruvananthapuram on 26, April 2012.
- **Mr. Shanil K.N, Mr. Amal Ganesh and Ms. Remya P.C** (Asst Professors, Dept of CSE) stood Second in the state- level "Inspire" competition conducted by M/s Infosys as a part of Campus Connect held at Infosys, Thiruvananthapuram on 27, April 2012.
- **Dr. Sasidharan Sreedharan** (Professor, EEED) served as a resource person for the Professional Development program " Power system SCADA & Grid Station Operation and management" at AIT, Bangkok during 11-19, June 2012
- **Mr. Nitin Padmanabhan** (AP EEED) served as a technical expert member in the Career Guidance Program for prefinal year students at Mohandas College of Engineering Trivandrum on 09, June 2012.
- **A** paper titled " Power Vectors to Identify Coalition Partners in Electricity Markets" submitted by Dr. Sudha Balagopalan, Mary P V, Neenu Thomas and Nitin Padmabhan was selected in the Seventh International conference on Industrial and Information System organized by the Dept of Electrical and Electronics , IIT Madras
- **Ms. Deepa Mohan** (Associate Professor, CE Dept) participated in the Faculty Development Programme on " Management Research Methodology" during 18-23, June 2012 organised by School of Management studies and Centre for Continuing Education, National Institute of Technology, Calicut, under MHRD and AICTE.

STUDENT PARTICIPATION AND ACHIEVEMENTS

- **Seven days NSS special camp** was successfully organized at Parappukkara Gramapanchayath during 24–30 December 2011. Sri P.K Prasad, President Parappukkara Gramapanchayath inaugurated the camp. The participants planted 1800 seedlings in the 18 wards of Parappukkara Gramapanchayath and conducted a campaign against the use of alcohol and tobacco and distributed vegetable seeds to the public. Seminars and awareness classes were also conducted for volunteers.
- **Mr. Abino Davi P** (S6 PE) got selected to represent Kerala Youth Volleyball team.
- **Calicut University D-Zone Arts Festival Winners**
Mr. Gopikrishnan (S7 EEE) and Ms. Manasa M.S (S7 CE) were adjudged as the "Kalaprabhitha" and the "Sargaprabhitha" in the Calicut University D-Zone Arts Festival held at Govt Engg. College, Thrissur during 06-10, January 2012. Ms Manasa M S-S7 CE won first prize in sanskrit essay, sanskrit story writing, sanskrit versification and third prize in Sanskrit elocution, Mr. Gopi krishnan S7 EEE won first prize in Triple Drum, Malavika S6 EEE won first prize in Semi Classic & Light

Music and second prize in classical music and third prize in veena, Sree chithra S6 PE won first prize in mimicry and kathaprasngam, Hareesh S7 EEE won first prize in aksharaslogam, Sumesh & Party S4 PE won second prize in group dance, Joel & party S6 PE won second prize in Westrn group song, Rohith & Party S4 ME won second prize in Oppana(men), Hema S7 ECE won second prize in Violin,Chaithanyan S6 CE won second prize in Cartoon drawing, Kishore S4 PE won third prize in monoact and Kavitha gopinath S1&2 D Batch won third prize in Folk dance(women).



Gopikrishnan (S7 EEE)



Manasa M.S (S7 CE)

- Thushara M Nair & Reema Rahim (S5 ECE) got 1st place & Rahul Manohar & Dinesh Nair (S5 ECE) got 3rd place in paper presentation contest held at Sahridaya Engg. College on 16, January 2012.
- The College Chess team secured third place in the Calicut University Chess Tournament held at Thejus Engineering College, Vellarkkad during 10 – 13, January 2012. Team Members were Yoonus MP (EEE S4), Shibin K Benny (CSE S4), Arjun K (PE S4), Alex C Jose (PE S6) and Leo Jose (MCA S1).
- The NSS volunteers Chaithanayan M (CE S6), Jineesh (ME S6), Arjun Vinod (CE S6), Sudarshan (ME S6), Shihabudheen K J (PE S6), Jaison P K (CE S6), Vinayak K S (CE S6) and Dinto Davis (CE S6) were participated in the District Level Leadership Training Programme held at Sreerama Polytechnic, Valappad during 28-29, January 2012.
- Mr. Sandeep. K, Mr Deepak Tilakan and Mr Hariprasad (S6 ME) got second prize in the events, CSI -Vidyut and Scrap Champ in connection with VIDYUT 2012 National level Multifest held during 01 – 03 February, 2012 at Amritha Vishwa Peetham, Kollam.
- College Yoga team women secured third position in the Calicut University Yoga Championship held at Royal College of Engineering & Technology, Akkikavu during 01-02, February 2012.
- Ms. Aswathy M Arun (S4 ECE) got selected to represent Calicut University Yoga team in the All India Inter University Yoga Championship to be held at Kurukshethra University, Punjab. Team Members were



S4 CSE visited Pope Paul Mercy Home in Athani as charity work on 27, March 2012.



Yoga team which secured third in the Calicut University inter Collegiate championship

- Aswathy M Arun (ECE S4), Ashy Dileep (ECE S4), Theertha Gopinath (ECE S4), Amrutha Ajith (CE S4), Athira T J (S1S2) and Praveena Prince (S1S2)
- The students of S5 CSE participated in a Techfest KARNAK '12 organized by MAR BASELIOS INSTITUTE OF TECHNOLOGY AND SCIENCE [MBITS], Kothamangalam and won prizes in various categories. Srijidh K.N won First prize in code cracking and second prize in web designing, Naveen KP won second prize in code cracking and cryptanalysis, Yadhu A U won second prize in AD designing & web designing, Sethu Narayanan U won first prize in AD designing and second prize in cryptanalysis, Ashik T.S won second prize in cryptanalysis and quiz, Linekar Louis & Vimal K.B won second prize in quiz.
 - College Tennis team (Women) secured the team Championship in the Calicut University Inter Collegiate Tennis Tournament held at Calicut University Stadium, Thenjipalam organized by PSMO College, Thirurangadi during 7 – 8 February 2012. Ms. Reyma Joy (S4 CSE) retained her Individual Championship. Ms. Reyma Joy (S4 CSE) & Ms Deepthy V P (S1S2) were selected to represent Calicut University team in the South Zone All India Inter University tennis Tournament
 - Six NSS volunteers attended the State Annual Meet

2012 held at P A Aziz College of Engineering & Technology, Karakulam, Trivandrum during 11 – 12, February 2012. Volunteers were Chaithanyan.M (CE S6),Nivin Kumar K (EEE S6),Jackson Joseph(EEE S6),Jineesh M J(ME S6),Yoonus M P(EEE S4), andGokul S(EEE S4).



Tennis team which secured first in the Calicut University Inter Zone tournament

- The students of S1 MCA participated in **IT Rendition 2012** a National Technology meet on 24th February 2012 conducted by the centre for Computer Science and Information technology, Dr. John Matthai Centre, Arnattukara, Thrissur. Participants were Ajeesh E T, Govind T K, Haris V M, Leo Jose, Sanal A R, and Sibin Joy
- College National Service Scheme units organized a mass Blood Donation Camp for staff and students on 24, February 2012. The programme was inaugurated by T.N Jayachandran (IAS Retd, and Honorary Advisor, Vidya International Charitable Trust). Dr. S.P Subramanian (Principal), Er. G. Mohanachandran (Executive Director), Dr. G. Nandini, Deputy District medical Officer (Health) participated. The Blood Banks from Govt. Medical College TCR, District Hospital TCR, Amala Medical College TCR, Jubilee Mission Medical College Hospital TCR and Indian Medical Association rendered an excellent service for the smooth organization of the Mass Blood Donation Camp. 285 donations were made.
- Fifth semester MCA students and staff of the Department of Computer Applications visited Nirmala Sadan, Edakkalathur, Thrissur on 16, February 2012, as a part of charity work. The Sadan has more than 40 inmates who are physically and mentally challenged children and elders. An amount for a special cot has been donated to the Sadan.
- The students have won prizes in the Calicut University Inter-Zone Arts Festival held at Sree Krishna College, Guruvayoor during 01-05, March 2012. The student

were Malavika Anilkumar (S6 EEE) won first prize in Light Music & Semi Classical, Manasa M.S. (S8 CE) won first prize in Sanskrit Essay Writing and third prize in Sanskrit Versification, Hareesh (S8 EEE) won first prize in Aksharaslokam, Sreechithira R Nair (S6 PE) won first prize in mimicry, Gopi Krishnan (S8 EEE) won second prize in Triple Drums and third prize in Jazz, Joel And Party and third prize in Group Song Western and Hema (S8 ECE) won third prize in Violin Eastern

- Mr. Sandeep V S and Mr. Gopikrishnan P (S8 EEE) participated in the event 'Acoustics' In RAGAM 2012, the Technical & Cultural Fest organized by NIT Calicut during 7-10 March 2012



Dignitaries on the dias for Blood Donation Camp

- Mr. Shubin K Benny (S4 CSE) participated in the 2nd International FIDE Rating Chess tournament. The Vibrating Wars 2012 organized by Padmasri Chess foundation at RDINS School Campus, Erode during 23-26 February 2012
- Mr Krishnakumar T J (S4 CE) cleared Autodesk certification online examination- "Auto CAD 2012", with flying colours (88%), to become a qualified professional in Auto CAD.
- 8 students from S8 CSE, 8 students of S8 CE and 11 students of S8 EEE qualified GATE'12
- Mr. Akhil P Kishore & team won Third place in group dance in Natya, cultural Fest organised by GEC, Sreekrishnapuram.
- Mr Akhil K Vijayakumar (ME, S8) participated in ACOUSTICS held at "Ragam 12" - Technical fest conducted by the NIT Calicut during 7-10, March 2012
- Ms Saira Shaukath (S3 MCA - 2010 Admissions) secured the First Prize and a cash award of Rs. 4000/- in Talent Hunt competition in XENAYO 2012, a National Level IT Fest conducted on 08, March 2012 by Centre for Computer Science & Information Technology, Thalikkulam.
- M-Tech Students of Computer Science and Engineering (CSE) presented 7 papers on various areas in the

National Conference on Computer Networks, Human-Computer Interaction and Image Processing "NCHIP 12" during 14 – 15, March 2012.

- **Mr. Paulose T (EEE- S8)** and **Ms. Aarathi C (EEE- S6)** won first & third position respectively in the paper presentation competition organized by KSEB Officers Association (KSEBOA) on 07.03.12 at Hotel Mothi

Mahal. They were selected for the state level competition to be held in Kollam.

- **Mr. Sumesh Sunder (PE, S4)** won the first prize in solo dance competition conducted at "Ragam 12" - Technical fest conducted by the NIT Calicut during 7-10, March-2012

Congratulations!

The following students of Production Engineering (2007-11 Admission) have secured ranks in the Calicut University B. Tech Degree Examination



Mr. Jerish. P.J (2007-11)
PE Branch **I Rank**



Mr. Ambareesh. P (2007-11)
PE Branch **IV Rank**



Chess team which secured third in the Calicut University Chess tournament

- **Mr. Rishwan M (S7 EEE)** has been awarded the certificate of appreciation by the IEEE Kerala Section for his commendable service as hub-driver in hub4 in the Annual General Body Meeting on 14, January 2012 held at Trivandrum.
- Autodesk online certification exam campaign was conducted in the college on 27.02.2012. 20 students passed in the final exam and got internationally recognized Autodesk Associate Certificate on Auto CAD. The campaign was conducted by the Autodesk Certified Evaluators (ACE).
- **Mr. Sumesh Sundar (S5 PE)** secured First Prize in **Freestyle** Dance competition held as a part of

Ragam'12 National level Cultural festival of NIT, Calicut.

- **Mr. Akhil K Vijayakumar (S8 ME)** got first prize in State level seminar series on "Save Energy, Save Environment" and **Mr. Paulose T (S8 EEE)** won the first prize in the state level paper presentation competition conducted by KSEB Engineers Association on 01, April 2012 at Bishop Jerome Institute, Kollam.
- **Mr. Sangeeth C Radh, Mr. Baiju Baby (S8 EEE)** won first & second position respectively in the VIBGYOR competition held as a part of VEGA 2012. The Second prize was sponsored by EEE Department as "Arun Memorial Award" in memory of Mr. Arun M who was a very active student.



Students Donating Blood in Blood Donation Camp organized by NSS

SAD DEMISE



NILOFAR BANU (CSE 2007-2011)

We express our deep-felt condolences to the bereaved family on the sad demise of Ms. Nilofar Banu (a student of CSE 2007-2011 batch). We pray for the departed soul.



VIDYA ACADEMY OF SCIENCE & TECHNOLOGY

(A unit of Vidya International Charitable Trust)

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Our Vision

“Progress Through Education”

Our Mission

“To seek, to strive and to achieve greater heights in Engineering, Technological and Managerial education and not to yield on quality of education”