

Scholarship & Endowment Prize Distribution Function-2014

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Sri. P.K. Abdu Rabb (Hon'ble Minister for Education) gives away the scholarship to students

The Scholarship and Endowment prize distribution function was organized on 7 October 2014 at 2 pm. Sri. P.K. Abdu Rabb (Hon'ble Minister for Education, Kerala) and Er. Noufal Gosali (Head of Big Data products, TCS) were the guests for the function. The programme started with a prayer. Dr Sudha Balagopalan (Principal, VAST) welcomed the gathering and Mr S Sudhakaran (Former Secretary, VICT) delivered the presidential address. Dr T.V. Babu Rajendran (HoD, EEE-VAST) introduced the guests of honour. Er G.Mohanachandran (Executive Director, VICT) described about the Scholarship and Endowment schemes in Vidya. The scholarships (for students from both Thrissur and Kilimanoor campuses) were distributed by distinguished guests. The Endowments were distributed by Mr D.P.Vijayan (Author Trustee & Steering Committee Member-VICT). Dr V.N. Krishnachandran (Vice Principal & HoD MCA- VAST), Dr P. Prathapachandran Nair (Professor Emeritus, VAST) and Sri K.K Ashokan, (President, PTA, VAST) felicitated the function. Sri. Samuel Chelliah (Youth Officer & Head of NSS Regional Centre, TVM) proposed the vote of thanks. The function was dispersed after the national anthem.



Dr. Sudha Balagopalan
Principal

Appropriate usage of energy is the most important conservation method; no doubt about it. It is with such a view that a project was started in our college as an experimentation with the power system in a medium sized home. Any success in this project would mean a replication in many homes, if our people had the will. and that would be a unique and inimitable direction Vidya would be taking. But first, first things first.

May I give here the example, being experimented with in the lab as a mini project of sixth semester students.

We are familiar with the domestic wiring, which includes large number of wire passing through conduits or via a casing and capping arrangement placed on walls, floors and on the roofs. There are several switches, junction boxes, and too much of a wiring accessories.

Instead, a DC system, with voltages, low enough to be placed at 1.2 to 1.5 m above floor level, would save a lot of wiring. If plug in connections are used, then switches can be avoided. Moreover, lamps and fans can be unplugged and plugged in at appropriate locations to improve the utility of the devices.

The advantages are the use of solar power directly, without the loss that accompanies any conversion. Another is the separation of the harmonics affected power using equipments from the DC devices like LED lamps, fans and chargers.

A parallel low voltage DC power system for everyday use is being assembled by the students. Two channels of power supply are ensured- 12V and 24V DC.

It was estimated that a home of 1200 sq, feet, with about 25 lamps and 12 fans would need only about 200W of power from the solar panels.

Ten-Day NSS South Zone Pre –Republic Day Parade Camp



Distribution ceremony of 'Certificate of Acknowledgement' during NSS South Zone Pre-RD Camp South Zone Pre- Republic Day Camp organized by Ministry of Youth affairs, NSS Regional Centre Trivandrum, NSS Tech Cell Kerala and VAST NSS Units was held at Vidya Academy of Science and Technology, Thrissur during 1-10, October 2014. Two hundred NSS Volunteers from Kerala, Karnataka, Tamilnadu, Pondicherry, Andaman & Nicobar and Lakshadweep participated in the Camp.

The bridge course for those who wish to join MCA course in our college organized by Department of Computer Application was inaugurated on 22, Sept 2014. Dr V N Krishnachandran, Head of the Department of Computer Application delivered the welcome speech. Dr Sudha Balagopalan, Principal presided over the function. Er G. Mohanachandran, Executive Director inaugurated the course and felicitations were given by Dr P Pratapachandran Nair, Professor Emeritus and Mr. T. B. Ramachandran, VICT Coordinator. Mr Sajay K R, associate professor of the MCA Department proposed the vote of thanks.

Bridge Course for MCA 2014 Admission

The valedictory function of the one-month Bridge Course was held on 21 October 2014. All staff from the Department of Computer Application participated in the meeting. Prior to the valedictory function an online test was conducted to assess the effectiveness of the course. The participants scored an average of 68 percent marks in the test. The test was administered using Moodle software with technical help from Mr Shali K. R, Server Administrator.

Reception to Road Show of Alpha Pain and Palliative Unit

A reception was arranged by "Vidya Varadam" to the road show arranged by Alpha Pain and Palliative Unit, Thrissur in our campus on 10-10-2014. The programme was a presentation of awareness documentary in connection with activities of Pain and palliative club. Executive Director, Trust coordinator, Principal, Dr. Latha Raj (Director SWS) and some of the staff members attended the programme along with around 200 student members of 'Vidya Varadam.'

Rashtriya Ekta Divas

Rashtriya Ekta Divas was observed under the auspices of the Department of Humanities on 31 October 2014, the birth anniversary of Sardar Vallabhbhai Patel to spread the message of Unity, Safety and Security. In the introductory remarks, Mr M P Harikrishnan, Junior faculty English emphasized the contemporary relevance of the value of national integration. Ms Divya Radhakrishnan, Asst Prof in Economics delivered the key note address that highlighted the significance of the role of Patel in amalgamating the princely states into a united nation. She administered the national integration day pledge to the students. A Panel discussion was organized by the students on the topic "National Security, Safety and Unity: Need of the Hour".

Walkathon 2014

As part of the activities of Vidya Varadam - the socio cultural club of VAST, 48 students participated in the 'walkathon' programme at Thrissur on 23 October 2014. Walkathon 2014 was a procession organized by Alpha Palliative Care, Thrissur and dedicated to "Endo-sulfan Victims" of Kasargod district. More than 10,000 students from different colleges in and around Thrissur district participated in the programme. Programme started at 9.30 am with an inaugural function and the students walked through the Swaraj round with banners and placards the messages of palliative care to the public.

MoU Signing Ceremony with ICT Academy,

Visit to Asha Bhavan



Dr. Sudha Balagopalan handing over the MoU to Mr. Santhosh Kurup (CEO, ICT Academy of Kerala)

The Memorandum of Understanding between Vidya Academy of Science and Technology and the ICT Academy of Kerala was signed during a function held at the PG Research Lab of Computer Science Department during the forenoon session of Friday, 07 November 2014. The function was presided over by the Executive Director, Er G. Mohanachandran. Vice Principal & Head of Computer Applications Department, Dr. V.N.Krishnachandran welcomed the gathering and introduced the guests. Principal, Dr. Sudha Balagopalan and CEO of ICT Academy of Kerala Mr. Santhosh Kurup the MOU. Dr Agnisarman Namboothiri, (Dean PG Studies) and Dr. Latha Raj, (Director, SWS) felicitated the gathering. Officials of ICT Academy of Kerala Dr. Manoj (Knowledge Officer), and Mr Prashant KN (Academic Relationship Manager) were present on the occasion. VICT Executive Members, Heads of Department, Faculty members and Student Representatives attended the MOU signing ceremony. After the formal function, Mr. Sathosh Kurup had an interactive session and addressed the faculty members.

As part of the activities of Vidya Varadam, 120 students visited Asha Bhavan on 8 November 2014. Asha Bhavan, is an old age home run by Govt of Kerala with around 75 aged people near Ramavarmapuram, Thrissur. The students staged different cultural performances, served food packets, and supplied coconuts. They organized different games and interacted with the inmates. Dr Latha Raj (Director SWS), Dr Justine Jose (Asso. Prof, CE), Ms Divya (CSE Dept) and Mr Aravind (EEE Dept.) accompanied the students.

National Education Day Celebrations

A discussion-interaction-debate on "Autonomy of Technical Education Institutions in Kerala - Prospects and Problems" was organized in the college as part of National Education day celebrations commemorating the birth anniversary of Maulana Adbul Kalam Azad. Staff members, M Tech and MCA students participated in the session arranged on 11 November 2014 in the Main Seminar Hall. The programme gave an awareness regarding academic autonomy in private colleges.

Representatives of various departments made a detailed presentation on topics related to 'How to get Academic Autonomy-Requirements & Challenges', 'Examination & Evaluation', 'Credit System & Related things', 'Rules and Regulations', 'Academic Audit', 'Discipline Issues'.

Central library arranged a Quiz programme in Common Computer Centre. 11 groups consisting of 22 students participated in this competition. Dr Sudha Balagopalan (Principal) and K B M Nambudiripad presented the cash prizes to the following winners.

Position	Name of the Students	Branch & Semester
Winners	Jyothsna O M Grushanka . K I	Civil Engg. (S5)
First Runner up	Amarmani K Lekha R Menon	Civil Engg. (S1S2)
Second Runners up	Kavya V S Lakshmi C G	Electronics and Communication Engg. (S5)
	Arjun H Ajith K N	Electronics and Communication Engg. (S3)

Two-Day Faculty Development Programme

The Association of Electronics and Communication Engineering, Department of ECE, Vidya Academy of Science and Technology (VAST) organized a 'Two-Day Faculty Development Programme with Hands-on Experience on "µ Vision Keil IDE & ARM Microcontrollers"' in association with ISTE (Indian Society for Technical Education), IE(I) (Institution of Engineers (India)), IETE (The Institution of Electronics and Telecommunication Engineers) and IEEE (Institute of Electrical and Electronics Engineers). The inaugural function began with a prayer. Mr Rakesh V.S. (Asst. Prof, ECE Dept.) gave the welcome address. Dr S. Swapna Kumar (Professor & Head, ECE Dept.) was the president of the function. He addressed the importance of the workshop and the future of Embedded System. Dr. Sudha Balagopalan (Principal, VAST) officially inaugurated the FDP by lighting the lamp. Dr. P. Pratapathachandran Nair (Prof. Emeritus, ECE Dept., VAST), Dr. T.N.P. Nambiar (Senior Professor (PG), EEE Dept., VAST) and Dr. V.N. Krishnachandran (Vice Principal, VAST) felicitated the event and Mrs Divya Unni (Asst. Prof, ECE Dept) delivered the vote of thanks.

The resource persons of the FDP, Mr. D. Kannan (Regional Manager), Mr Gowda Nitin (ARM Product Specialist) and Mr R. Senrayaperumal (Field Application Engineer, KEIL Products), from Embedded System Solutions Pvt. Ltd., Chennai attended the inaugural function.

One-Day Workshop on Computer Algebra Systems

The department of Computer Applications and ISTE (VAST Chapter) organized a one-day workshop on Computer Algebra Systems on 14 November 2014 for the students of first semester M Tech ECE and EEE. A total of number of 34 students participated in the workshop. The workshop was held as a fully hands-on session. The workshop began with a formal inaugural ceremony held at 09.15 am in the computer Laboratory of the department of Computer Applications. Dr V.N. Krishnachandran, Head of the Department of Computer Applications welcomed the participants. Dr Sudha Balagopalan (Principal) presided over the function and inaugurated the workshop. Dr P. Pratapachandran Nair (Prof. Emeritus), Dr Babu Rajendran TV (HoD EEE), Dr S. Swapnakumar (HoD ECE), Dr S. Satheesh (HoD AS), and Dr K.B.M. Namboodiripad offered felicitations. Ms Reji C Joy, coordinator of the workshop proposed the vote of thanks. Dr V.N. Krishnachandran served as the resource person for the workshop. Ms Reji C Joy, Ms Siji K B and Ms Jyothi P. R. provided support and assistance for the smooth conduct of the workshop.

Training programme on 'Transactional Analysis'

Under the auspices of Sameeksha, the trainers club of VAST, a training programme on "Transactional Analysis" was arranged for the staff members of Vidya on 15 November 2014 in PG Research Lab. Mr. Anil Easwaramangalam an expert in Transactional Analysis, handled the session. conduct of the workshop.

Farewell to MCA Students

The Department of Computer Applications organized a formal farewell ceremony on 24 November 2014 for 2011-14 batch MCA students. Course completion certificates were handed over to the students during the ceremony. The group tutors of the batch Ms Reji C Joy, Mr Sajay K R and Ms Siji K B collected the Students' Evaluation on MCA programme as an exit feedback.

Farewell to outgoing M. Tech Students

S3 M. Tech students (EEE & CSE-2013 Adm.) arranged a farewell function to all outgoing students of M. Tech (EEE&CSE-2012Adm.) on 25 November 2014 in the ECE Seminar Hall.

ISO 9001:2008 Surveillance Audit

ISO 9001:2008 first surveillance audit was successfully completed by The Bureau Veritas on 26 November 2014 without any nonconformities. The Goal Zero achievement in the audit was the result of excellent team work.

ISTE National Annual Convention

The following members of staff from Vidya Academy of Science and Technology participated in the 44th ISTE National Annual Convention held at College of Engineering, Trivandrum (Kerala) during 27- 29 November 2014.

1. Dr P Prathapachandran Nair (Dept. of ECE)
2. Dr K B Maheswaran Nampoorthiripad (Dept. of ME)
3. Justin Jose (Dept of CE)
4. Sudev N K (Dept of Applied Sciences)
5. Susanth C (Dept of Applied Sciences)
6. Anil Kumar KR (Dept of ME)
7. Lijohn P George (Dept of PE)

Awareness Programme

An awareness programme on "Ill-effects of Drug Abuse" conducted by Sri. Venugopalakurup (Superintendent, Narcotic Control Cell and Subzone - Cochin) was held on 8 December 2014 at college auditorium. All first year B Tech students attended the programme.

Talk on Stress Management

A Talk on "Stress Management" was conducted in the Main Seminar Hall by Dr. Latha Raj (Director- SWS) on 12 December 2014.

Computer Hardware Awareness Programme

The Research & Development Committee and IT-Help Desk, VAST organized a 'Computer Hardware Awareness Programme on 18 December 2014 in the Hardware Lab, Department of Computer Science and Engineering. Mr Krishnaprasad M.K (Hardware Technician) handled the session.

Staff Club Day and Xmas Celebration

The Staff Club, VAST organized Christmas & Staff Club Day celebration on 19 December 2014. Various cultural programmes were staged in the college auditorium. Fr Franko Vadakkan (Gagultha Retreat Center, Kurumal) delivered the X Mas message. Staff members along with family attended the function. Dr Satheesh S (Staff Club Advisor) Dr Sudha Balagopalan (Principal), Sri G Mohanachandran (Executive Director, VICT), Dr P. Pratapachandran Nair (Professor Emeritus), Dr Latha Raj (Director, SWS), Dr V.N. Krishnachandran (Vice Principal), Sri. Sreehari G Nair (Secretary – Staff Club) were present on the occasion.

Students X'mas Celebration

Students Senate, Vidya Academy of Science and Technology organized X' Mas celebration for students. Prizes were distributed for 'Smartest Papa' and 'Crib Making' Competition' after the completion of department celebrations.

Campus Visit by School Students

A group of school students from Nattika Furka nurtured by an initiative called NANMA, Engandiyur visited Vidya Academy of Science and Technology on 10 December 2014 to familiarize with engineering education.

Inauguration of PTA Bus

The flag-off ceremony of college bus donated by Parent Teacher Association (PTA VAST) was held on 17 December 2014 in the main lobby. Sri. Suresh Lal (Finance Director VICT) flagged off the bus in the presence of PTA office bearers, management representatives, staff and students.

Faculty Development Program

A faculty development program by ICT Academy was held at Vidya Academy of Science and Technology during 18 -20 December. 30 Staff members attended the 3 day training. Dr Manoj A S from ICT Academy handled the training sessions.

7th Annual Meet of Alumni Association

The 7th Annual Meet of Vidya Alumni Association was held on 27 December 2014 in the College Auditorium. Around 180 alumni members were present during the auspicious occasion. The Annual Meet was inaugurated by Er P.K Asokan, Honorable Chairman VICT. The occasion witnessed the renaming of the Association from 'Vidya Alumni Association (VAA)' to 'Association of Vidya Alumni (AVA)'. Association's official website was launched during the occasion. Er Jinto A J, President of AVA welcomed the gathering. Dr. Sudha Balagopalan (Working President of VAA and Principal, VAST) delivered the presidential address. Mr Rince Wins (Hon. Secretary, AVA) presented the annual report of the Association and Mrs Nitha A N (Treasurer, AVA) presented the annual financial report of the Association. Dr S. Ajaikumar (Ex. Hon. Secretary of VICT) and Dr. Pratapachandran Nair (Professor Emeritus, VAST) felicitated during the occasion. Er. Jinto A J explained the need of the transformation from VAA to AVA and he announced that the VAA has been dispersed. The Association also honoured their teachers and staffs who has completed 10 years in VAST. The Association initiated "Best Outgoing Student Award" to each of the 7 departments with the support of student alumni from each department. The awards were sponsored by;

1. CSE - Ms. Greeshma C M (2009-13)
2. ME – Er Jinto A J (2003-07)
3. EEE – Mr Aravind T (2004-08)
4. ECE – Mr Ramesh C R (2005-09)
5. CE – Ms Sneha Anto (2009-13)
6. PE - Mr Rince Wins (2007-11)
7. MCA - First Masters(2006-09)

The first executive council of VAA was elected during this occasion with Mr. Rince Wins as the returning officer.

The newly elected office bearers of AVA

- Working President - Dr. Sudha Balagopalan,**
Principal VAST
- President - Er. Jinto A J (2003-07, ME)**
- Vice President - Ms. Anjaly M (2009-13, EEE)**
- Hon. Secretary - Mr. Ramesh C R(2005-09, ECE)**
- Joint Secretary - Mr. Aravind T (2004-08, EEE)**
- Treasurer - Mr. Suneesh E (2006-10, PE)**
- Ex. Secretary (ex-officio) - Mr. Rince Wins (2007-11,ME)**

Mr. Ramesh C R (Programme Co-ordinator of 7th Annual Meet) delivered the vote of thanks.

Executive Members

- Mrs. Fetsy K Francis (2003-07, ECE)**
- Ms. Nitha A N (2006-10,CE)**
- Mrs. Liji K V (2008-12, ECE)**
- Mr. Rohith Ramakrishnan (2010-14, ME)**
- Mr. JithinRaj (2010-14, ME)**
- Mr. Anoop Nagappan (2006-09, MCA)**
- Mr. Viswanathan K (2006-10, CSE)**
- Mr. Vipin Padmanabhan(2005-09, EEE)**
- Ms. Sneha Anto (2009-13, CE)**

E-Campus Award 2014-15



Dr. Sudha Balagopalan receives the e-campus award 2014-15

Vidya Academy of Science & Technology (VAST),Thrissur has been awarded the certification of appreciation 'e-campus award 2014-15' by the University of Calicut. This is in recognition of Vidya's commendable achievements in terms of excellence in e-governance and Technology use in Education and Management. The selection for the award was based on the criteria cited in the proforma prepared by the University and after receiving the same the university invited colleges for making their presentations at the University.

Staff Participation / Achievements

The following staff members of Vidya participated in the 25th State Convention of ISTE Kerala Section held on 25 October 2014 at Jyothi Engineering College

- | | |
|---|---|
| 1. Col. M P Induchudan - Prof. & HoD, Dept of CSE | 12. Dileep K - Asso Prof, ME |
| 2. Beena M V - Asst Prof, CSE | 13. Sudev N.K - Asso Prof, AS |
| 3. Aswathy M R - Asst Prof, CSE | 14. Smitha P - Asso Prof, AS |
| 4. Theresa V Cherian - Asst Prof, CSE | 15. Asha N Nair - Asst Prof, AS |
| 5. Rajesh SK - Asso Prof, EEE | 16. Susanth C - Asso Prof, AS |
| 6. Praveesh V.V - Asst Prof, EEE | 17. Divya K V - Asst Prof, CSE |
| 7. Arun Xavier - Asst Prof, EEE | 18. Nitha KP - Asst Prof, CSE |
| 8. K.V.Leela - Prof & Head, CED | 19. Greeshma Gopinath - Asst Prof, CSE |
| 9. Dr. KBM Nambudiripad- Visiting Prof, ME | 20. Dr. S. Swapna Kumar - Prof & Head, CSED |
| 10. Prof. Soolapani Varier- Prof & Head, MED | 21. Alex Chacko C - Asst Prof, ME |
| 11. Joy C T - W/S Supdt | 22. Jucy Vareed - Asst Prof, CSE |

Campus Recruitment Drive

The following students selected in the campus recruitment drive by TCS, Kochi for the 2015 pass out batches conducted during 16 -17 October 2014

#	Candidate Name	Course	Branch
1	Indu Venugopal	B. Tech	CE
2	Vykkattil Sherin	B. Tech	CE
3	Prajith VB	B. Tech	CSE
4	Krishnapriya PM	B. Tech	CSE
5	Irene Jose	B. Tech	CSE
6	Nikhitha Chandran	B. Tech	CSE
7	Anjali P	B. Tech	EEE
8	Mintu Raju	B. Tech	EEE
9	Meera Menon	B. Tech	EEE
10	Amrutha	B. Tech	EEE
11	Sangeetha PV	B. Tech	ECE
12	Aishwarya Nair	B. Tech	ECE
13	Aparna Gopakumar	B. Tech	ECE
14	Fathima Shadha	B. Tech	ECE
15	Blessy Francis	B. Tech	ECE
16	Arathy KV	B. Tech	ECE
17	Arun A	B. Tech	ECE
18	Annette Paulson	B. Tech	ECE
19	Sindhu S	B. Tech	ECE
20	Sherin Joshy	B. Tech	ECE
21	Shaliya PS	B. Tech	ECE
22	Deepthi	B. Tech	ECE
23	Rathna KK	B. Tech	ECE
24	Balu P	B. Tech	ECE
25	Flavis Thommana	B. Tech	ME
26	Lakshmidevi C	B. Tech	ME
27	Anju Mohan	B. Tech	MCA
28	Praji P	B. Tech	MCA
29	Soumya M	B. Tech	MCA
30	James P	M. Tech	Power Electronics
31	Pranav S	M. Tech	Power Electronics
32	Vishnuraj R	M. Tech	Power Electronics
33	Meera G	M. Tech	Power Electronics

Department of Civil Engineering

Civil Engineering Association Inauguration Function

Civil Engineering Association Inauguration Function was held on 25 October 2014. Shri Babu M. Raghavan Consulting Engineer from ENGCPST inaugurated the function.

Staff Participation / Achievements

- Ms. Anjali P Sasidharan and Ms. Abhary E (APs, CE) attended a Faculty and Staff Development training programme on "Environmental Problems and their Impacts on Human Health" sponsored by the Directorate of Technical Education, held at the Department of Civil Engineering, Government Engineering College, Thrissur.
- Lakshmi Priya CP and Vandana V (AP, CE) participated in the 5 day short term programme on "Road Traffic Engineering - Principles and Application (RTE -P&A)" organised by centre for Transportation Research, Department of Civil Engineering, National Institute of Technology Calicut during December 1 – 5, 2014

Department of Electrical And Electronic Engineering

Staff Participation / Achievements

• Project exhibition

Analog electronics project exhibition by S3 EEE students was conducted on 20-11-2014 in Advanced Electrical Engineering Lab and Analog Electronics Lab. The projects were done as a part of internal assessment for the course EE09 305- Analog Electronics taken by Mr. Bevin K C (AP, EEE, VAST). The exhibition was arranged on the behalf of AEEE (Association of Electrical & Electronics Engineers), VAST (Vidya Academy of Science and Technology).

Dr Sudha Balagopalan, (Principal, VAST and Professor, EEE, VAST), Dr T V Babu Rajendran (HoD, EEE, VAST) and Dr Swapna Kumar (HoD ECE, VAST) evaluated the projects. Er. G Mohanachadran (Executive Director, VICT), Mr Suresh Lal (Finance Director, VICT), Mr T. B. Ramachandran (VICT coordinator), Col M P Induchudan (HoD, CSE, VAST) and Mr Shiju Aravindakshan M (AP, ECE, VAST) also visited the exhibits. All staff members of EEE department, VAST and M. Tech Power Electronics students visited the exhibition and gave ideas for further development of the projects

The top three projects chosen by the evaluation committee were:

First prize- Mobile Detector Circuit (Group 5)

Second prize- Electronic Candle (Group 12)

Third Prize- IR object detector (Group 1)

• One day workshop on "Real Time Operations and Advanced Automation of Power Systems"

The Association of Electrical and Electronics Engineering (AEEE) VAST organized a one-day workshop on "Real Time Operations and Advanced Automation of Power Systems" by Dr Subrahmanyam (Mani) S Venkata (The Principal Scientist, Alstom Grid and IEEE Fellow) at VAST. The workshop was attended by external participants also.

- Dr Sudha Balagopalan (Principal) and Prof. Paul Chakola (Head of T&P) participated in the ICTA of Kerala meeting "Back 2 Campus" held at Tapasya, Infopark, Kochi on Tuesday, October 28, 2014.

- Dr. Sudha Balagopalan (Principal) successfully completed Phase I of The Indo US Collaboration for Engineering Education (IUCEE) Project GENTLE (Global Education Network for Teaching and Learning Engineering), in collaboration with Inpods. An amount of Rs. 2,000/- was received as honorarium for giving a course on – online.

- A paper by Dr. Sudha Balagopalan (Principal), titled "E-waste Management Schools for the Homeless" co-authored by Mr. T. Aravind, Mr. G.N. Sreehari, Mr. V.V. Praveesh and Mr. Nitin Padmanabhan (Asst Professors) has been published in the International Scientific Journal on Science Engineering & Technology, Volume 17, Issue 11 December 2014.

- Mary P Varghese, Anooja V S, Jasna S B & Ratheesh M A (Asst Professors) attended a short training programme in 'Energy Audit and management' at GEC Thrissur from 10 Dec 2014 to 12 Dec 2014.

- Ms. Neenu Thomas & Ms. Karthika K (Asst Professors) attended 5 day FDP in "Control System Design and Simulation Using Lab View" at Adi Shankara institute of Engg and Technology, Kalady from 15 Dec. 2014 to 19 Dec. 2014.

- Dr Babu Rajendran T V (HoD) gave a talk on "Teaching Methodologies in Introducing Fundamentals" to P.G Teachers of Physics attending the Refresher course at All India Level in Kendriya Vidyalaya Palakkad on 28 Dec 2014.

One-day “Workshop on JAVA Technologies”

Ms. Sujitha M.G handles the session

Workshop on Network Technologies

The Computer Society of India (CSI) VAST Student Branch and Dept of Computer Science and Engineering organized a “Workshop on Network Technologies” for Semester 5 B Tech students of CSE Department on 04 November 2014 at CSE Programming Lab. 63 students participated in the workshop. Mr Rajesh V.A, Senior CISCO Faculty (VAST IT Division, Thrissur), Mr Jiju K.M, MCSE/CCNA Faculty (VAST IT Division, Thrissur) and Mr Krishna Prasad, Hardware Technician(VAST, Thrissur) were the resource persons for the session.

One day “Workshop on Git and Gerrit Technologies”

Mr. Praveen delivering the session

The Computer Society of India (CSI) VAST Branch organized a one day “Workshop on Git and Gerrit Technologies” for ERP and ITIMS staff members of VAST on 05 November 2014 at PG Research Lab - CSE. 7 members of staff participated in the workshop. Mr. Praveen, (Development Team Member, Debian, India & Free Software Consultant) was the resource person for the session.

One-day Workshop on JAVA Technologies

The Computer Society of India (CSI) VAST Student Branch and Dept. of Computer Science and Engineering organized a one-day “Workshop on JAVA Technologies” for Semester 1 M Tech students of CSE Department on 04 November 2014 at PG Research Lab - CSE. 22 students participated in the workshop. Ms Sujitha M.G, Software Faculty (VAST IT Division, Thrissur) and Mr Vishnu, Software Faculty (Molidare Technology) were the resource persons for the session.

Staff Participation / Achievements

- Col M.P. Induchudan (Retd), Prof. & Head, Dept of CSE, participated in “HeadStart 2014”, a confluence for Heads of the Computer Science Department on 29th of October, 2014 organized by TCS at TCS PEEPUL Park, Thiruvananthapuram.
- Ms. Divya K V (Asst Professor CSE) participated in NPTEL -Kerala Workshop Organized by Government Engineering College, Kannur and Chinmaya Institute of Technology, Kannur held on 20-21 October 2014.
- Ms Beena M V and Ms Nitha K P (Asst Professors CSE), attended a Faculty Development Programme on “HTML 5” at TCS Infopark,Kochi on 21 October 2014.
- Ms Remya P.C (Asst Professor CSE), attended 5 day short term training programme on “Android Application Development” during 10-14 November 2014 at GEC, Sreekrishnapuram, Palakkad organized by TEQIP Phase II
- Mr Harriet Vincent, Mr Anoop P & Ms Mamitha; students from S7 CSE got placed in Mphasis IT Solutions via campus placement drive held at St Joseph Engineering College, Pala.
- Mr Rizwan Razal & Mr. Vishnu Sarathchandran secured first prize in 'Inflora' techfest (Dance) held at Rajagiri Bussiness College on 06 November 2014 and got 30000/- cash prize for all team (D'addiction).
- Ms Steffy Antony, Ms Krishnapriya P, Ms Swathy Sashidaran, Ms Rasiga V, Ms Gayathri Sooraj and Mr Vishnu S participated in 'Azure' Techfest held at Amal Jyothi College,Kottayam.
- Ms Krishna Priya P & Mr Rizwan Razal secured first prize in intercollege competition Chakkravyooh held at Thekkinkad Maithana Thrissur, organized by Malabar Engineering college Thrissur.
- Mr Rizwan Razal secured First Prize in intercollege competition held at Thekkinkad Maithanam Thrissur organized by Malabar Engineering college Thrissur.
- Ms Gayathri Sooraj participated in Music Band held at Thekkinkad Maithanam Thrissur, organized by Malabar Engineering College Thrissur.
- Ms Swathy Sashidaran and Ms Rasiga V participated in solo spot dance 'Azure' Techfest held at Amal Jyothi College, Kottayam

Department of Electronics and Communication Engineering

Student Participation / Achievements

Two teams comprising four members from Vidya Academy of Science and Technology participated in the HiTech Biped, a workshop conducted by Technophilia Systems in association with Robotics and Computer Applications Institute of USA as a part of their National Level Techfest 'Tathva'14 ' on 31st October & 1st November at National Institute of Technology, Calicut. About thirteen teams from various parts of the country had participated in the workshop.

- Team A : Sharoukh Akbar (S5,ECE), Amal P Steephan (S5,ECE), Bose Boban M(S3,ECE),Geo Joy(S3,ECE)
- Team B : Ria Mary Joy(S3,ECE),Sudev C S(S3,ECE), Rohit A M(S3,ECE), Gokul V P(S3,ECE)

This workshop is an integral part of the Indo-US Robo League 2015 which is the qualifier for Robogames, USA World's largest robot competition - Guinness Book of Records. The workshop concentrated on teaching the students the basic building blocks of Biped Robotics and developed

Staff Participation / Achievements

Dr Pratapachandran Nair (Prof. Emeritus) chaired the ISTE 2014 Awards committee meeting held at ISTE Head Quarter, New Delhi on 27 October 2014.

A research paper titled "Performance Optimization of Forward Aware Factor -Energy Balanced Routing Protocol In Wireless Sensor Networks" authored by Ms. Sarika P.C (Guest Lecturer, ECE Dept, VAST) and Juby K Baby has been published in IOSR Journal of Electronics and Communication Engineering (IOSR-JECE).

Dr Swapna Kumar S published a paper on: "GDFEC Protocol for Heterogeneous Wireless Sensor Network" in the Springer link. Computational Intelligence in Data Mining - Volume 1 Smart Innovation, Systems and Technologies Volume 31, 2015, pp 345-354

Dr P. Pratapachandran Nair (Prof. Emeritus) attended the sixth state review meeting of TEQIP – II engineering institutions on "preparations for accreditation – current status" held during 6th and 7th November at Trivandrum.

Student Participation / Achievements

Ms Haritha V. of S4 ECE secured Gold Medal in Raman Nambiar Memorial-All Kerala Akshara Sloka competition

Department of Mechanical Engineering

Mr Rajesh N P, (Associate Professor) Mr Bhavin K Bharath (Asst. Professor) and Mrs Nirmala Krishnan (Asst Professor, CE department, Vidya Academy). Prof Soolapani Varrier (HOD, ME department, Vidya Academy) visited aerospace laboratory in Amrita Vishwa Vidyapeetham on 06 November 2014, as part of Wind Tunnel Project.

Production Engineering

A paper by Lijohn P George (Asst Prof. PE Dept) titled "Need of Mechanization and Product Diversification in Agricultural Implements Production Industry (Based on Six Sigma Approach)" has been selected for poster presentation in the 27th Kerala Science congress to be held at Alappuzha.

Jenson Jose, Likhil Das (S5 PE) and Lijohn P George (Asst. Professor, PE) presented a paper – "Application of Agile Manufacturing in Value Engineering" in National Conference GAMAYA 2K14 held at NSS College of Engineering, Palakkad.

Student Participation / Achievements

Department of Applied Sciences

- Dr. V N Krishnachandran, (Head of Department, Computer Applications) gave a talk on 'Fractals' to the Computer Science staff and students of Ansar Women's College, Permpillavu, on 02 December 2014.
- Ms. Jisha Jose Panackal (Associate Professor of Computer Applications), jointly with Dr Anitha S Pillai, Professor of Computer Applications, Hindusthan University, Chennai, has filed a provisional application for a patent for a work titled "Adaptive Utility-based Anonymization: An Intelligent Approach for Privacy Preserving Data." The intellectual property for which the patent application has been filed was created as part of the PhD studies of Ms. Jisha Jose Panackal
- Ms. Reji C Joy (Associate Professor, Computer Applications) presented a paper titled "A survey on Fingerprint Image Segmentation " in the sixth Annual Research Congress (KUARC 2014) of Karpagam University, Coimbatore, held on 5-6 December 2014.
- A paper titled "Disclosure Risk of Individuals: A K-anonymity Study on Health Care Data Related to Indian Population" authored by Jisha Jose Panackal (Associate Professor, Computer Applications), jointly with Dr Anitha S Pillai and Dr V N Krishnachandran has been published by IEEE in XPlore as part of the Proceedings of ICDSE 2014.
- A paper by Mr. Sajay K R (Associate Professor) entitled 'Investigative Analysis Of Security Issues and Challenges In Cloud Computing And Their Counter Measures' is accepted for the International Conference on Emerging Trends in Engineering & Management held during 30-31 December 2014 at Sree Narayana Gurukulam College of Engineering , Ernakulam. This paper is published in the International Journal of Computer Engineering and Technology.
- A paper by (Mr. Dijesh P Associate Professor) entitled 'Impact of Electronic Commerce in Marketing and Brand Developing' is accepted for the International Conference on Emerging Trends in Engineering & Management is to be held during 30-31 December 2014 at Sree Narayana Gurukulam College of Engineering , Ernakulam. This paper is published in the International Journal of Computer Engineering and Technology.



Sri. Babu M Palissery - Kunnamkulam MLA planting cabbage seedling

- Dr Mannil Mohan, Professor of Physics, made an interesting presentation on "Mangalyan - A Neighborly Visitor to Mars" on 10 October 2014 in celebration of India's triumphs in SPACE.
- A paper titled "The Weak Integer Additive Sct-indexers of Certain Graph Product" authored by Mr Sudev. N.K (Asso Prof, AS) has been accepted for publication in the "Journal of informatics and Mathematical Sciences"
- A paper titled "The Weak Integer Addictive Sct-Indexers of Certain Graph Classes" authored by Mr Sudev. N.K (Asso. Prof, AS) has been accepted for the publication in the journal "Journal of Discrete Mathematical Sciences & Cryptography"
- A paper titled "Some new results on strong integer Additive self-indexers of graphs" authored by Mr Sudev. N.K (Asso Prof, AS) appeared in the World Scientific Journal "Discrete Mathematics, Algorithms and Applications"
- A paper by Mr Susanth. C (Associate Professor), titled "Sum and Products of Independence Numbers of Graphs and their Line Graphs" co-authored with Dr. Sunny Joseph Kalayathankal, has been accepted in the Journal of Informatics and Mathematical Sciences.
- A paper by Mr Sudev. N.K (Asso Prof, AS) titled "A Note on the Paring Number of the Sieve Graphs of Certain Graphs" co-authored with Dr K.A. Germina has been accepted for publication in the journal 'Applied Mathematics E-Notes'.
- Dr Satheesh S (HoD), published a paper 'A Note on Generalizing Random Self-Decomposability' co-authored with Sandhya E in the journal of the Kerala Statistical Association, Volume 25, and December 2014 p.65-69.

NSS Activities

Vegetable Cultivation in Education Institutions

Eco Club-NSS Vast units' join Venture "Vegetable Cultivation in Education institutions" was inaugurated by our Honorable Kunnamkulam MLA Babu M Palissery by seeding Cabbage Plants in the campus on 31.10.2014. VICT Chairman Er P K Asokan presided over the function. Deputy Agriculture Director Roy, Executive Director Er G Mohanachadran, Principal Dr Sudha Balagopalan, Vice Principal Dr V N Krishachadran, Velur agricultural officer Ms Mini, NSS Programme Officer Arun Lohidakshan, Eco club Members Mr Thankachan, Mr Subramanian, Mr Sudhan K R, NSS Volunteers and staff Members were present on the occasion.

Swacha Bharath Mission Programme

As the Part of Swacha Bharath Mission Programme, Vidya NSS volunteers cleaned Thrissur and Punkunnam Railway station. Around 50 Volunteers participated in the Thrissur station and 30 Volunteers In Punkunnam station. Our NSS south Zone Pre-RD Camp Participants also involved in all activities in Thrissur Station. Honourable Thrissur MP C N Jayadevan inaugurated the Program. Southern Railway Chief Engineer Narayaswamy administered the Swacha Bharath Pledge to all Volunteers.

TOT on Employability

Mr Arun K L (Asst Prof, ME Dept) and Ms Chithira Ajeeth (AP, CE Dept) participated in TOT on Employability Skills through life skills approaches at Mar Gregorios Renewal Centre, Nalanchira, Trivandrum, during 28th November to 2nd December 2014 conducted by Rajiv Gandhi National Institute of Youth Development (RGNIYD) Sriperumbudur , Tamil Nadu and Ministry of Youth Affairs & Sports

New Year Celebration

Vidya NSS Tech Cell Units 101 & 200 Volunteers celebrated New Year in Kaiparambu Anganavadi No 67. NSS volunteers distributed sweets, colour pencils & books for the Children. NSS volunteers participated in the program.

Sports & Games

College Chess team participated in the Calicut University Inter Zone Chess Championship held at Royal Engineering College, Akkikavu from 29 Sep – 1 Oct 2014. The team secured fifth position.

Mr. Anson Jose of ME S5 was selected to represent Thrissur District Table Tennis Youth team in the State Table Tennis Championship

College Chess team participated in the Calicut University Inter Zone Chess Championship held at Royal Engineering College, Akkikavu from 29 Sep – 1 Oct 2014. The team secured fifth position.

Mr Amal T Benny & Mohammed Anas K (S3 ME) represented Thrissur District handball team in the State Senior Handball championship held at Thodupuzha from 13 to 15 Nov 2014.

Mega Blood Donation Camp



Sri C C Sreekumar inaugurating the camp

National Service Scheme (Tech cell) VAST units in association with HDFC bank conducted Mega Blood Donation Camp at our auditorium on 22 November 2014. The camp was inaugurated by Sri C C Sreekumar (Dist Panchayath President). Principal Dr Sudha Balagopalan presided over the function. HDFC Regional Head Prema Ramakrishnan, Sri Ajithan (Deputy Manager HDFC), NSS Programme Officers Mr Arun K L and Ms Chithira Ajeeth, Volunteer Secretaries Ms Maqsooda JHS, Mr Abhilash Menon C, Mr Subin, Ms Anjana Sasidharan, Dr Sajith (Medical Officer Govt Medical college Thrissur) participated on the occasion. Our 135 Students donated Blood in the Mega Blood Donation Camp.

Mass Awareness Campaign



Er.P.K.Asokan delivering the Inaugural Address

NSS Vidya units in association with Southern Railway Thrissur conducted a mass awareness Campaign in Thirssur Railway station on 23.12.2014. Our Honorable chairman Er P.K.Asokan inaugurated the Program. Station Manager Joseph Nainan presided over the function. Thrissur Railway Passengers association secretary Mr Krishakumar delivered the keynote address. Programme officers Ms Chithira Ajeeth, Mr Arun.K.L; Volunteer secretaries Mr Abilash C Menon, Ms Anjana Sasidharan also led the function. The volunteers were divided into 10 groups, each group took one place and gave awareness about waste disposal. We covered two platforms, parking areas, railway colonies. Around 80 students participated in the function.

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 heights in Engineering,
Technological and Managerial education
and not to yield on quality of education”

