

VIDYA NEWS & EVENTS

July-September 2015

A publication of Vidya Academy of Science & Technology (for private circulation only)



Special features of this issue

Remembering the Founders

Graduation Ceremony and Its Many Meanings

Vidya Academy of Science & Technology (VAST)

Vidya International Charitable Trust (VICT)

Vidya News & Events is a publication of Vidya Academy of Science & Technology, Thalakkottukara, Thrissur - 680501 which is a unit of Vidya International Charitable Trust (VICT). VICT is a non-profit charitable trust formed by a group of philanthropic non-resident Indians (NRI) from all over the world, registered at Thiruvananthapuram in December 2000. Trustees are NRI's from different countries, from USA to Singapore. The vision of the Trust is to serve and contribute to society through the pursuit of higher education. Under the provisions of the Trust Deed, the Board of Trustees is the custodian of the Trust and all its properties. The Board, in turn, vests the management and control of Vidya Academy of Science & Technology and other ventures of the Trust on an Executive Committee of eleven Trustees elected from the Board of Trustees.

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Special features



Graduation Ceremony



Dr. D. Balakrishnan
Commemorative Lecture



Brahmasmrithi 2015

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Message from Principal

Vidya experiments with a course on fundamentals



Dear all

Though the importance of teaching and learning from first principles has been emphasized several times, as teachers, several aspects have stood in our way. With a fresh look at engineering education attempted by APJ Abdul Kalam Technological University, Vidya also has paved the way for such an exercise via our course on fundamentals for the first year students of our undergraduate programs.

The three principles mooted by the educationist Lynn were

1. to engage with the experiential learning the students have already had,
2. placing factual knowledge in a context such that it can be retained and becomes conceptual knowledge, and
3. encourage students to evaluate themselves by self-monitoring which is possible if we teach them to ask questions by relating to what they already know.

The components of course were designed based on the following ideas: present maximum number of questions rather than answers, give exposure to life and and to people who have led successful lives in various walks of life, familiarize with some interesting software packages, introduce the concepts of micro-projects and team work. The exercise has helped Vidya to evaluate students' preparedness for engineering education and their outlook on engineering in general and also our own capabilities.

Dr. Sudha Balagopalan

Principal

Vidya Academy of Science & technology

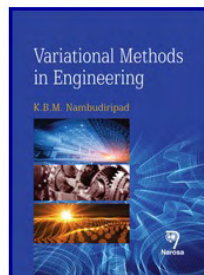
Vision

Progress through education

Mission

To seek, strive for and scale greater heights of quality education

Forthcoming book from a great teacher and scholar



Variational Methods in Engineering

Author(s): K.B.M. Nambudiripad

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Graduation Ceremony 2015

The Graduation Ceremony 2015 of Vidya Academy of Science & Technology was held on 04 August 2015 in the College Auditorium. The function started with ceremonial academic procession headed by the school band of St. Anne's School, West Fort, Thrissur, accompanied by the Guest of Honour and other distinguished personalities in their full academic robes and followed by the respective group tutors of passing out BTech and MTech batches.

Dr. K. Sivan (Director of Vikram Sarabhai Space Centre, Thiruvananthapuram) was the Guest of Honour for the occasion. He delivered the convocation address and Principal Dr. Sudha Balagopalan delivered the welcome speech. Ninth batch of BTech (2011-2015) and second batch of MTech (2012-2014) students participated in the Graduation Ceremony.



Heads of Departments presenting their candidates for the Ceremony (from left to right) Prof. K. V. Leela (CE), Prof. (Col.) M. P. Induchoodan (Retd.) (CSE), Dr. S. Swapna Kumar (ECE), Dr. M. C. John Wiselin (EEE), Prof. Dileep K. (ME (HoD in-charge)), Prof. T. K. Rajendran (PE)

Dr. K. Sivan



Dr. K. Sivan graduated from Madras Institute of Technology in Aeronautical engineering in 1980. He took his ME in Aerospace Engineering from IISc, Bangalore in 1982 and PhD from IIT, Bombay in 2006

He joined ISRO in 1982 in PSLV Project and has contributed immensely towards end to end mission planning, mission

design, mission integration and analysis. He is the chief architect of 6D trajectory simulation software SITARA. He commissioned world class simulation facility in ISRO for mission synthesis and analysis.

He has contributed significantly in establishing a parallel computing facility and hypersonic wind tunnel facility.

He evolved novel strategies for launching India's MARS mission endeavor through PSLV, ISRO's work horse.

He joined GSLV Project in April 2011 as Project Director and his leadership led to the historical achievement of most successful GSLV flights with indigenous cryogenic stage.

During his career at ISRO, he has held many responsibilities like Group Director, MSSG, Project Director, RLV-TD, Deputy Director, Aeronautics Entity, Deputy Director, Structures Entity, Project Director, GSLV, Chief controller, VSSC and Director, LPSC from July 2014.

He has numerous publications in various Journals and is a Fellow of Indian National Academy of Engineering, Aeronautical Society of India and Systems Society of India. He has received numerous awards which includes Doctor of Science (Honoris Causa) from Sathyabama University, Chennai in April 2014, Dr Biren Roy Space Science Award for the year 2011, ISRO merit award for the year 2007 and Shri Hari Om Ashram Prerit Dr. Vikram Sarabhai Research award for the year 1999.



A view of the participating students



Dr. K. Sivan delivering the Convocation address



Dignitaries for the Ceremony



Many Meanings of Graduation Ceremony

The day of the Graduation Ceremony is one of the most memorable days in the history of a College. It is on that day the College community experiences one of the most solemn moments in the life of a student: Participation in a Graduation Ceremony.

Participation in the Graduation Ceremony, with all its trappings of pomp and show, is a very enthralling, uplifting and emotional experience for the participants. The students who were admitted to the various programmes in the College and who have completed the course of studies in the programme are the honoured participants in the Graduation Ceremony.

On the Graduation day, the Institution, which cajoled the students in their difficult days, which guided them when making a choice was not easy, which supported them when they needed support most, which trained them to be men and women of character, which nurtured their hidden talents to blossom, the institution which engulfed them in every moment of their life and thought for full four years, launch them to the whole wide world out there. At this moment, the Institution, like a mother, performs the painful process of officially disentangling their manifold entwinements with the institution like the cutting of the umbilical cord connecting a new born baby to its mother. After this Ceremony, a participating student would no longer be a student of Vidya. He/She would be a proud alumnus of Vidya, and Vidya would be his/her cherished ALMA MATER, a nourishing, bountiful mother!

Most societies recognize the rite of passage, when a person enters a new stage in life. Marriage is a rite of passage, and graduation from College is also a rite of passage. Graduation Ceremony is like a holy sacrament, a sacred religious rite performed in a temple, or a church or a mosque. It is the modernized and westernized version of the *Samaavarthana* ceremony, one of the sixteen *Samskaaras*, of Indian cultural traditions. It marks the termination of the student life and signifies the entry into *Grihasthaasrama*.

The most auspicious moment in the entire ceremony is the moment at which a student receives his certificate. That moment signifies the moment of transition, the transition from boyhood or girlhood to manhood or womanhood.



Most ceremonies marking the rite of passage include elaborate rituals, with the participants wearing special robes. These rituals and robes have highly symbolic significance and these symbolisms were the results of long centuries spent practicing the rituals. The traditional Graduation Ceremony is also full of rituals and symbolisms. The ceremony includes a ritualized Academic Procession, the ritual of presentation of the candidates, the ritual of conferment of awards, certificates, degrees and diplomas, and the ritual of the administration of a pledge. The special costumes for the occasion are called "academic robes". The mortarboard (specially designed cap) and gown have a long history, dating back to medieval clergy and European universities.

The ritual of graduation adds a touch of melancholy and pride to the rite of passage. Parents watch their children pass to a new stage of life, and graduates feel satisfied in their accomplishments.



Statue of *alma mater* at the University of Illinois



Fifth Dr. D. Balakrishnan Commemorative Lecture

The Fifth Commemorative Lecture Programme in memory of Dr. D. Balakrishnan, Founder Academic Director, Vidya Academy of Science & Technology, was held in the College Auditorium on 11 September 2015.



The talk was delivered by Dr. K. K. Rajan, Distinguished Scientist, Director (FRTG & ESG), Indira Gandhi Centre for Atomic Research, Kalpakkam, Chennai and the topic of the talk was “**Fast Breeder Reactors towards Energy Security of the Nation**”. The function was presided over by Er. K. P. R. Vijayan, Executive Committee Member,

VICT. Principal Dr. Sudha Balaagopalan welcomed the dignitaries and the participants. Er. G. Mohanachandran, Executive Director, VICT, and Dr. C. E. Krishnan, Director, Sree Narayana Gurukulam College of Engineering, paid tributes to Dr. D. Balakrishnan.



Dr. K. K. Rajan delivering the Commemorative Lecture



Er. G. Mohanachandran, Executive Director, paying floral tributes

Dr. K. K. Rajan



Dr. K. K. Rajan is a graduate in Electrical Engineering from Calicut University.

He has been working at IGCAR, Kalpakkam since 1981 in the Fast Reactor Technology Group and presently he is

in the grade of Outstanding Scientist and Director of

the Group. He has made substantial contributions towards testing of PFBR steam generator and fuel handling machines at reactor operating conditions. Homi Bhabha National Institute, Mumbai, awarded PhD degree to him for his studies on sodium flow measurements in Fast Breeder Reactor circuits. He is a member of Indian Nuclear Society and a fellow of Institution of Engineers (India).

Dr. D Balakrishnan Commerative Lectures over the years

First	2011	Prof. N. R. Shetty, President, ISTE, New Delhi
Second	2012	Er. V. G. Sankaranarayanan (Former CMD, FACT)
Third	2013	Padmavibhushan Dr. G. Madhavan Nair (Former Chairman, ISRO)
Fourth	2014	Poojya Swami Bhoomanda Thirtha (Founder of Narayanashrama Thapovanam), and Dr. P. Radhakrishnan (Director of PSG institute of advanced studies, Coimbatore).
Fifth	2015	Dr. K. K. Rajan, Outstanding Scientist and Director, FRTG, IGCAR

Brahmasmrithi 2015

The fifth death anniversary of Er K R Brahmadathan, Founder Executive Director, Vidya International Charitable Trust, was observed as Brahmasmrithi 2015 in the after-noon of 17 September 2015.



The events associated with the observance were held in the College Auditorium. One highlight of the programme, presided over by Sri C. K. Jayarajan, Author Trustee, VICT, was a stimulating talk by Sri T. N. Prathapan, Honorable MLA, Kodungallur. Sri Prathapan, while presenting his inaugural

talk, exhorted the student community to draw lessons from the lives of people like late Er K. R. Brahmadathan and to be socially committed individuals and to give back to society in whatever way one could. Sri Sasidharan K., Retd. District and Sessions Judge, participated in the programme as a Guest of Honour and made a brief speech. There were felicitations from several persons associated with late Er. Brahmadathan: Er. G. Mohanachandran, Executive Director, VICT, Dr. Latha Raj, Director (Student Welfare and Social Projects), Er. K. V. Abdu, Retd. Deputy Chief Engineer, KSEB, Sri K. K. Komalakumar, Brahmayoga Kendram, Thrissur, Prof. M. Rajendran, Advisory Committee Member, Brahma Social Outreach Programme.

There were yoga demonstrations by two groups of persons: one group consisted of students of the College and the second group consisted of children practicing yoga in a nearby yoga centre. A small video, created by Mr. K. P. Krishnaprasad, showcasing the various activities that are being conducted under the aegis of the Brahma Outreach Programme was also shown. Principal Dr. Sudha Balagopalan welcomed the participants which included family members of late Brahmadathan

also. Vice-Principal Dr. V. N. Krishnachandran proposed vote of thanks.



Family members of late Er. K. R. Brahmadathan being received with flowers



Sri T. N. Prathapan, MLA, talking to the audience



Sri Sasidharan K. talking

**Join and be a part of
Brahma-Vidya Social Outreach Program
Extend a helping hand to needy students of neighboring institutions**



Sri T. N. Prathapan, MLA



Entered politics through activities in Kerala Students Union and rose up to become State Vice-President. Also served as District General Secretary, Youth Congress, Thrissur, DCC Member,

Thrissur, KPCC Executive Committee Member and Secretary, Kerala Pradesh Congress Committee. Was elected as member of Thalikkulam Gramapanchayat and represented Nattika Assembly Constituency in the Kerala Legislative Assembly and was again elected to the Kerala Legislative Assembly from the Kodungallur Assembly Constituency.

Was a member of Calicut University Senate, Kerala Sports Council, Kerala Kalamandalam Executive Committee, and a Governing Body Member of Sangeetha Nadaka Academy, Kerala Folklore Academy and Vailoppilly Samskrithi Bhavan. Was the Manager of Indian Women Volleyball Team (2013) for the International Volleyball Tournament held in China and Thailand. Presently, serving as Congress Legislative Party Chief Whip, KPCC Executive Member, President of Kerala Pradesh Matsyathozhilali Congress, Syndicate Member of Calicut University, Governing Council Member of Kerala University of Fisheries and Ocean Studies, and as

Chairman of several bodies. Has been actively associated with the environment protection activities, bio-farming initiatives, conservation of indigenous species in animal husbandry. Founder of the Thalikkulam Snehatheeram Beach Park. Also initiated charity programmes like “Ammokkoru Kavil Kanji” and “Snehapoorvam”. Has received several awards for his outstanding contribution social and other work. These include “Best Legislature Award” (2003), “Janaprathibha Award” (2004), “Best Public Worker Award” (2004), “Rao Behadur Govindan Smaraka Puraskaram” (2005) and “Best MLA award”.

Sri Sasidharan K.



Mr. K. Sasidharan, Registrar (Academic Programmes) of National Judicial Academy, India. Mr. K. Sasidharan joined the Kerala Judicial Services in 1988 and served in various capacities like

Munsiff, Subordinate Judge/Assistant Sessions Judge, District & Sessions Judge. Prior to joining the National Judicial Academy, Mr. K. Sasidharan was working as District & Sessions Judge (Addl.), Motor Accident Claims Tribunal, Triur, Malappuram, Kerala.



Meet Dr. Gangan Prathap, Director (Academic and Research)



Dr. Gangan Prathap, a respected doyen of Indian scientific establishment, recently took charge as the Academic & Research Director of Vidya Academy of Science & Technology. From the very first day of

his joining Vidya, he could introduce a new sense of direction and a fresh momentum to the fledgling efforts of Vidya to establish a research ambiance in the College. By giving high profile lecture courses to aspiring faculty, by helping identify research projects and by encouraging young faculty members to pursue research degrees and in a manifold other ways, Dr. Gangan Prathap has transformed the nature of the academic discourses in Vidya campus.

Dr. Gangan Prathap earned his BTech (1974) and PhD (1978) degrees in Aeronautical Engineering from IIT Madras. He worked as Scientist at the National Aerospace Laboratories (NAL), Bangalore (1978-2000), Scientist-in-Charge, CSIR Centre for Mathematical Modeling and Computer Simulation at Bangalore (2000-08), as Vice-Chancellor, Cochin University of Science and Technology (2008-09) and as Director, National Institute of Science Communication & Information Re-

source, New Delhi (2009- 2015). He is also holding the position of Outstanding Scientist at National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram. He is also an Honorary Professor of A P J Abdul Kalam Technological University.

Academic and Research Achievements: During his early investigations (1973-78), Gangan Prathap made significant contributions in non-linear structural mechanics. Thereafter, he contributed to the development of finite elements and its applications to problems in computational structural mechanics. During 1992-2000, he contributed to production-run structural analysis for various aircraft projects. He has also contributed to the areas like history and philosophy of science and scientometrics. His latest researches involve proposing quantitative approaches to pressing problems of a sociological nature. He has over 400 scientific and technical reports, of which over 100 have appeared in SCI journals. He has also written a book on the finite element method.

Awards and Honours: Dr Prathap was awarded the SS Bhatnagar Prize in 1990. He was elected Fellow of the Indian Academy of Sciences, Bangalore (1990).

(For a very detailed and full profile visit:
<https://ktu.edu.in/data/gangan%20pratap.pdf>)

Publications

1. "Supernatural as a Literary Technique in Joban Narrative", **Dr Vishnu Somasundaran** (HoD I/c, Humanities), UGC Sponsored National Seminar on "Tappings from outside: The Supernatural in Literature and Films]" conducted on 19 and 20 August, 2015.
2. "Topological Integer Additive Set-sequential Graphs", **Mr. Sudev. N.K** (Asso Prof, DoAS), "Mathematics", Vol. 3, Issue 3, 2015, 604-614.
3. "On the sum and product of covering numbers of Graphs and their line graphs", **Mr. Susanth C** (Asso Prof, DoAS) (jointly with Dr. Sunny Joseph Kalayathankal), Accepted for publication in the "Communication in Mathematics and Application.
4. "DRINA based FAF -EBRM for Wireless Sensor Networks", **Ms. Sarika P C** (Trade Instructor, ECE Dept), Poster Presentation of Students Research Symposium (SRS 2015) during July 2015.
5. "An Intelligent Model for Privacy Preserving Data Mining: Study on Health Care Data", **Ms. Jisha Jose Panackal**, Associate Professor in the Department of Computer Applications, Paper presented in the International Symposium on Intelligent Systems Technologies and Applications (ISTA'15) in ICACCI'15 organized by SCMS, Cochin during 10-13 August 2015.

Participation in Seminars and Conferences

1. **Ms. Deepa Mohan**, Asso. Prof., CE, has participated in the TEQIP II sponsored National Meet for Research Scholars in Mechanical Engineering-2015 held during 2-4th July,2015 organised by the Department of Mechanical Engineering, NIT Calicut.
2. **Ms. Aswathy P.**, Asst. Prof., CE, attended a special meeting of NSS programme officers at GEC

- Thrissur on 09, July 2015.
3. **Ms. Abhary E. and Ms. Lakshmi Priya C. P.**, Asst. Professors, CE, participated in the Short Term Training Programme on Recent Innovations in Transportation Engineering held during 5th - 9th October, 2015 organised by the Department of Civil Engineering, GEC, Thrissur.
 4. **Col. M. P. Induchudan (Retd.)**, HoD, CSE, attended Principals' Meet at Calicut University on 30, July 2015.
 5. **Ms. Remya P. C. and Ms. Remya P. S.** (Asst. Professors, CSE) attended a two day National Workshop on "Python Programming" on 31st July and 1st August, 2015 at Jyothi Engineering College, Cheruthuruthy.
 6. **Ms. Nitha K. P.** (Asst. Prof., CSE) was the resource person for the first year MBA students (2015-17) batch at Union Christian College, Aluva on 06-08-2015. She conducted a session on Business communication and NVC.
 7. **Mr. Jayakumar T. V.** (Asst. Prof. CSE) attended a 5-day Deep Dive Faculty Enablement Program on Mobile Application Development using Android and PhoneGap on 07 - 11 September 2015 at NMAM Institute of Technology, Nitte, Karnataka.
 8. **Mr. Ramesh C. R.** (Asst. Prof. ECE) participated in the 4th International Conference on "Advances in Computing, Communications & Informatics (ICACCI 15)" held at SCMS, Aluva during August 10-13, 2015.
 9. **Dr. Sudha Balagopalan** (Principal) attended a workshop for the KTU syllabus committee on 06, July 2015 at GEC, Thrissur.
 10. **Ms. Neenu Thomas and Ms. Anu Kuriakose** (Asst. Professors, EEE) attended a FDP on "Power System Labs" at Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu from 09 - 10 July 2015.
 11. **Dr. M. C. John Wiselin** (HoD, EEE) acted as the Chairperson of the International Conference on "Soft Computing in Applied Sciences & Engineering ICSCASE-2015" at Noorul Islam University, Kumarakovil on 23rd and 24th July 2015
 12. **Mr. Bevin K. C.** (Asst. Prof., EEE) attended a Faculty Development Programme organizing by ISTE VAST Chapter on the topic "Application of Advanced Mathematics in Engineering" from 22-25 July 2015 at VAST, Thrissur
 13. **Ms. Akhila R. and Mr. Praveesh V. V.** (Asst. Professors, EEE) attended an FDP organized by Govt. of Kerala on "Development of Smart Power grid" at GEC, Thrissur from 27 - 30 July 2015.
 14. **Ms. Renuka V. S. and Mr. Krishnakumar M.** (Asst. Professors, EEE) attended a Workshop on 'Power Quality Issues with Grid Connected Wind And Solar Energy Systems' at Thejus Engineering College, Thrissur From 07 - 09 September 2015
 15. **Ms Aparna S. Balan and Ms Siji K. B.**, (Asst. Professors, CA) participated in a one-day seminar on Bio-inspired Computing held at Axis College of Engineering, Kodakara, on 29 July 2015.
 16. **Dr. V. N. Krishnachandran** (HoD, CA), along with **Dr S. Swapnakumar** (HoD, ECE) visited Indian Institute of Science, Bangalore, on 29 July 2015. The visit was as per a directive from the management and was intended to explore the possibility of developing nano-technology in Vidya Academy of Science & Technology.
 17. **Ms. Salkala K. S.** (Asst. Prof., CA) **Mr. Dijiresh P.** and **Mr. Sajay K. R.** (Assoc. Professors, CA) participated in a one-day UGC sponsored National Seminar on Emerging Research trends in Computer Science held at Little Flower College, Guruvayoor, on 12 August 2015.
 18. **Mr. Hareesh K.** (Asst. Prof., ME) attended a one day workshop on startup policy and Entrepreneurship development organised by KTU at CET, Trivandrum on 23, June 2015.

Departments on the Road to Excellence

1. Inauguration of CSE Department Association



The inauguration of Department Association of Computer Science and Engineering was conducted on 24th July 2015. A 2-day workshop on Matlab was also organized in association with this, for S7 students and faculties. The function was inaugurated by Dr. Sudha Balagopalan (Principal VAST). The launching ceremony of CSE Department website was also included on the same event,

which was done by Mr. Jaimon Jacob (Assistant Professor, Govt Model Engineering College). After the inaugural procedure Mr. Jaimon Jacob delivered a technical talk on Innovative Projects on Image Processing using Matlab and thereafter handled the hands-on session. On the 2nd day of workshop was handled by Mr. Manish.T.I (Associate Professor, MET'S School of Engineering, Mala).

2. Workshop on Proteus Software



The Association of Electrical and Electronics Engineering (AEEE), VAST organized a One Day Workshop on Proteus Software by Prof. Muthukumar, Dept. of EEE, Nizwa College of Technology, OMAN on 21, July 2015 in Power Electronics Lab, VAST.

3. FDP on Application of Advanced Mathematics in Engineering

Faculty Development Programme on Application of Advanced Mathematics in Engineering was conducted on 22nd to 25th of July 2015

4. Awareness class on NBA Accreditation

An awareness class on NBA Accreditation and the related procedure was given to faculty members who joined at VAST after July 15th, 2015 on 1st July, 2015. The first session was handled by

Ms. Nirmala Krishnan, Assistant Professor, Department of Civil Engineering and she explained about the accreditation process and outcome based education.

5. Workshop on Real time Signal and Image Processing Using Xilinx FPGA

ECE Department conducted a two day workshop on Real time Signal and Image Processing Using Xilinx FPGA during 03-04, July 2015.

6. Workshop on PCB Designing using Proteus & Arduino Programming

A Hands-On-Training workshop on PCB Designing using Proteus & Arduino Programming was conducted by the IETE ISF VAST Unit functioning in ECED jointly with the Students' Chapters of IE (I) & ISTE together with the Association of ECE in July 2015. 30 participants from various colleges across Kerala namely SIMAT, IES College of Engineering, AMMINI College of Engineering, SNIT Adoor & VIDYA Technical Campus Kilimanoor attended the workshop.

Dr. V.N. Krishnachandran (Vice-Principal) inaugurated the workshop

7. Workshop on Latex

The Department of Computer Application organized a One Day Workshop on Latex on 07, August 2015, as part of the extension activities of the Department, for the benefits of staffs and students of nearby Arts and Science Colleges. The workshop was a fully hands on, self-contained activity. All the participants prepared a document using LaTeX in the IEEE Conference style, exactly as stipulated in the syllabus of MSc (CS). Dr V N Krishnachandran, Head of Department was the resource person of the workshop.

Students on the Road to Excellence

1. Participation in CONCETTO 15

Students of Vidya Academy of Science and Technology participated in technical festival CONCETTO 15 conducted by Indian Concrete Institute students chapter and civil engineering association of Government Engineering College, Thrissur on 10/10/15.

2. First Prize in FUERZA

Third semester M. Tech (Structural Engineering) students (2014-2016 batch) Vivek K. Viswanath, Riyaf P.A. and Jishnu Janardhanan has secured 1st prize in FUERZA, concrete mix design competition.

3. Second and Third Prizes in FUERZA

Nidhun K Sasi, Abhijith P Anil, Sheik Mohammed, Anurag T.S (S 7 CE, 2012 batch) secured Second

Prize in FUERZA and followed by Praveen Roy, Nivin KV, Pranav P, Prathyush KT (S 7 CE, 2012 batch) getting 3rd prize bagging all the positions in the competition.

4. First Prize in Castlette-Reinforcement making

Mr. Praveen Roy (S7 CE, 2012 batch) secured 1st prize in Castlette-Reinforcement making in CONCETTO 15.

5. First Prize in Pegmata-Scaffolding making

Akshara Mary Vincent, Anet Johnson, Meghna Tony, Dhanya V.B (S7 CE, 2012 batch) got 3rd prize in Pegmata-Scaffolding making in CONCETTO '15.

6. Participation in Ingenium 2015

The following final year students of B.Tech (ECE)

2016 pass out took part in the finals of the National Event Ingenium 2015 - a flagship engineering competition conducted by QuEST Global Engineering Ltd., which was held at Bangalore on September 16, 2015.

1. Kavitha S
2. Neeraja S
3. Vinny Ann Davis
4. Reshma N S
5. Sharoukh Akbar

From among the entire finalist from across the country, 16 offers were made and one of these was earned by our student, our congratulations to Ms. Vinny Ann Davis, the first student to get placed this academic year:

7. **First Prize in Paper Presentation**

Amritha V & Jishnu K Unnikrishnan (ECE Dept) SECURED FIRST PRIZE and bagged 5000/- in paper presentation competition held at NITC on the topic "Minimization of Electricity Theft Using GSM Metering system" in October 2015.

8. **First Prize in Paper Presentation**

Aashna Bhoomika & Archana M. (ECE Dept) SECURED FIRST PRIZE and bagged 5000/- in paper presentation competition held at NITC on the

topic "Quantum Computing" in October 2015.

9. **RC Aircraft Workshop**

A group of five students (Joel Jose, Kailash Menon, Joseph Winson, Athul Varkey & Harikirshna) ECE Dept, registered for RC AIRCRAFT WORKSHOP which was conducted on 30th and 31st October.

10. **CASAT Satellite Workshop**

A group of five students (Jiji Sasidharan, Devaki Prabhakar, Gismi Subhashchandran, Rema C K & Lakshmi Priya) ECE Dept, registered for CANSAT SATELLITE WORKSHOP which was conducted on 30th and 31st October.

11. **Second Prize in Paper Presentation**

Ms. Deepthy Andrews and Ms. Kavitha Suresh presented a paper on the topic "SMART GATEWAY GRID" and secured 2nd place in ZIYA of ZAAGA 2K15 National level Technical Fest organized by the dept. of EEE, Ahalia School of Engineering & Technology, Palakkad on 30th September.

12. **Entrepreneurship**

Tony P Sunny of S6 MCA, an entrepreneur with great promise, has set up an office of his company StringSoft Technologies in Kunnankulam town. The office was inaugurated on 15 July 2015.

**The difference between mediocrity and excellence
is attention to detail.**

Activities Galore!

College day and Magazine Launch

College Day and Magazine Launch was held on 31 July 2015 in the college auditorium.

Sri. Engadiyoor Chandrasekaran, well known artist inaugurated the function. Dr. Sudha Balagopalan (Principal) presided over the function and presented the college annual report.



Campaign for PAN Card Application

Vidya Staff Club in association with UTI Infrastructure Technology and Services Limited, Thrissur conducted a campaign to apply for PAN Card for the staff and students in the college on 05.08.2015 (Wednesday). Counseling Centre at Kaiparambu As part of extending the social activities of the Trust, a workshop in connection with the formation of a Family Welfare and Counselling

Centre in Kaiparambu Panchyath was inaugurated on 07, July 2015 by Sri. C.C. Sreekumar (District Panchayath President). Er. P.K Asokan (Chairman, VICT), Er. G. Mohanachandran (Executive Director VICT) Dr.V.N Krishnachandran (Vice Principal), Col. M.P. Induchudan (HoD-CSE), Teachers, Staff and Students participated in the programme. Members of Kudumbasree Unit, Kaiparambu Gramapanchayath also participated in the programme. The main objective of this programme is the upliftment of the socially, educationally, and economically weaker sections of the society. Lecture on Effective English Communication A training programme on Effective English Communication - Part I was conducted for Administrative and Technical Staff VAST by the Department of Humanities on 01, August 2015 at Language Lab in the Decennial Block.

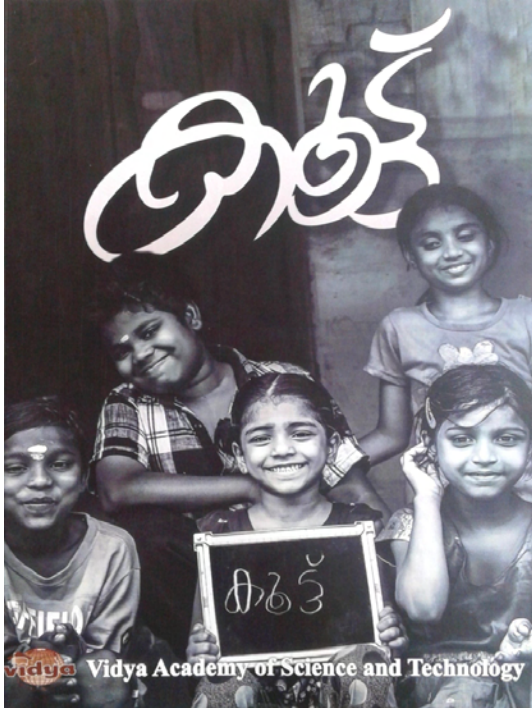
Orientation Programme

The orientation programme for the students of B.Tech and M.Tech programmes (2015 admissions) was held on 01 August 2015 in the College Auditorium. All the Ist

year B.Tech and M.Tech students attended the function.

Awareness class on Anti-Ragging

As part of the Anti-Ragging campaign of Kerala State Legal Service Authority (KSLSA), a legal literacy class was arranged on 31, July 2015. All S3 B. Tech students along with their group tutors attended the class. Adv. Eldon P.C and Adv. Jiss Varghese led the sessions.



Cover page of College magazine

Programmes organized by Civil Department

- **Faculty development Programme on “Application of Advanced Mathematics in Engineering”**

ISTE VAST Chapter in association with the Department of Civil Engineering organized a Faculty development Programme on “Application of Advanced Mathematics in Engineering” for the faculty members of Engineering colleges during 22 - 25 July ,2015. The following were the main topics covered in the programme.

- *Variational methods*: Dr. K. B. M. Nambuthirippad, Visiting professor, ME department, VAST
- *Fourier series, Fourier Transforms & Laplace Transforms* : Dr. Sudha Balagopalan, Principal, VAST

- *Important equations in Mathematical Physics* : Dr. K. B. M. Nambuthirippad, Visiting professor, ME department, VAST
- *Approximate methods* : Dr. K. B. M. Nambuthirippad Visiting professor, ME department, VAST
- *Probability theory* : Dr. Satheesh S, HoD, Applied Science Department, VAST
- *Linear Algebra* : Dr. Sonia, Post-Doctoral Fellow, Hebrew University, Israel
- *Partial Differential equations* : Ms. Bittu Lambi, .Professor, Applied Science Department, VAST

- **Faculty development Programme on “Mathematics & Computation”**

A Faculty development Programme on “Mathematics and Computation” was organized by the Department of Civil Engineering during 10th–12, August, 2015. The following were the main topics covered in the programme

- Variational Methods - Dr. KBM Nambuthirippad, Visiting professor, ME department, VAST
- Introduction to Journal Paper Writing - Mrs. Deepa Mohan, Associate Professor ,CE Department, VAST
- LaTeX- Mr. Bevin K C ,Assistant professor, EEE department, VAST Mr. Arun Xavier, Assistant professor, EEE department, VAST
- Linear Algebra - Dr.K. B. M. Nambuthirippad Visiting professor, ME Department, VAST
- Computation using MAPLE- Dr. V N Krishnachandran, HOD, MCA Department, VAST.
- Computation using MATLAB -Mr. Bevin K C , Assistant professor, EEE department, VAST , Mr. Praveesh V V , Assistant professor, EEE department, VAST.

- **2 day programme on “Research Areas in Structural Engineering”**

A series of lectures on Research Areas in Structural Engg was organised in Civil Department during 17-18, August 2015 for final year M Tech structural engineering students of Vidya Academy of Science and Technology. Mr. Mohammed Safer, Research scholar, IIT Delhi was the main speaker.

- **Talk on “How to prepare for GATE and opportunities for higher studies for civil engg students”**

Mr. Muhammed Safer, Research Scholar IIT Delhi, delivered a lecture on how to prepare for GATE and opportunities for higher studies for Civil Engineering students on 18, August 2015. Programme was conducted jointly by Civil Engineering association, ISTE VAST chapter and IE VAST chapter.

- **Talk on Technical writing**

Department of Civil Engineering in association with ISTE VAST Chapter organised a talk on “Technical Writing” by Dr. K.B.M. Nambudiripad on 03, September 2015 at VAST. M Tech students and teaching faculty attended the programme.

Special Invited Lecture

A special invited lecture by Padmasree M. Chandradhathan, Former Director, VSSC, ISRO, Department of Space, Thiruvananthapuram was held on 04, September 2015. The program was organized by Production Engg Association. Welcome address was given by Principal, Dr. Sudha Balagopalan and the speaker was introduced to the audience by Executive Director, Er. G. Mohanachandran. There were two separate sessions, the first for students and the second for staff. Theme of the first session was “Learning : The way to Success”. The theme of the second session was “Synergy of Mind and Body”. The sessions were interactive in nature. Shri Dhathan gave clarifications for all the queries raised by the audience. After the function, vote of thanks was given by Vice principal, Dr. V.N. Krishnachandran.



Inauguration of ViCA Activities

The current academic year’s activities of Vidya Computer Applications Association (ViCA) was inaugurated in a formal function held in the College Auditorium on 17, August 2015. There was a formal meeting presided over Dr V N Krishnachandran, Head of Department, and it was followed by cultural events. Principal Dr Sudha Balagopalan participated as a Guest of Honour and felicitated the gathering. The cultural events consisted of meticulously choreographed group dances by students of both S2 and S4 MCA classes. The prizes for World Environment day power point contest of 2015 were also given during this occasion. The prize winners were:

First Prize: Ms. Anjana P

Second Prize: Mr. Rohit Raveendran

Third Prize: Ms. Kavita Chowgle K

Eco-club

Eco-Club, VAST organized “Nentra Vazha Vilaveduppu Maholsavam” on 04, August 2015. Sri. P.A. Madhavan, MLA inaugurated the event.

Staff Participation and Achievements

KTU Cluster meeting with Chairman Dr. Devdas Menon was attended by the Principal Dr. Sudha Balagopalan on 19, August 2015 with Dr. K.B.M. Nambudiripad to give final shape to the end semester M. Tech examination and to contribute to the cluster in general.

Training and Placement Activities

TCS Pre-placement Talk

TCS pre-placement talk for B.Tech/MCA and M.Tech - 2016 pass out batch students was conducted on 19 August 2015. As many as 314 students attended.

MPOWER Soft Skill Training Programme

4 days MPOWER soft skill training for each batch of 2017 pass out B. Tech branches conducted from June 22, 2015 to August 20, 2015.

Infosys Campus Connect Softskill Training Program

Infosys Campus Connect Softskill Training Program for B.Tech (S3 - 2018 pass out batch) and MCA (S2 - 2017 pass out batch) conducted from July 25, 2015 to October 17, 2015. 105 students formed into two batches to attend the sessions.

Aptitude Refresher Training Program

Aptitude Refreshers Training program for B. Tech (S7) and MCA (S4) - 2016 pass out batches - conducted during 06 - 08 August 2015.

Mock Interview Sessions

Mock interview sessions for B. Tech (S7) and MCA (S4) - 2016 pass out batch begins on August 07, 2015 to assist and support the students.

Participation in Placement Officers’ Meet

Ms. Rini participated and represented Vidya at the CTIPS/IPSR placement officers meet at Kochi held on August 17, 2015.

Pre-placement Training by ICTAK

"Enable", a pre-placement training program by ICTAK, was conducted for 62 students of B. Tech (S7) - 2016 pass out batch was held during 03 - 05 September 2015.

Company specific aptitude cracker training

Company specific aptitude cracker training by M/s. FACE is being scheduled as two sessions each of two days for hundred odd interested students of 2016 pass out batches.

Pre-placement talk by Indian navy

Indian Navy UES 2016 pre-placement talk conducted at our campus on September 14, 2015.

Placement season begins

The placement season begins with the first offer for the 2016 pass out batch to be bagged by Ms. Vinny Ann Davis of 2016 pass out ECE - S7. She got placed with M/s. Quest Engineering & Software Technologies Pvt. Ltd. through their all National Event "Ingenium 2015".

Sports and Games

Calicut University zone Badminton championship

College Badminton Team (Men) secured second prize in Calicut university zone Badminton championship held at Christ College, Irinjalakuda on 7 and 8 September 2015. Team members: Nidhun K Sasi CE S7, Grigary Roy CSE S7, Amal P Stephen ECES7, Rishiraj Raghu ECES7, Aby ECE S5, Anoop M ME S3, Shelvin Varghese CE S3. Anoop M secured THIRD in the Individual championship. Team qualified to participate in the Inter zone championship scheduled to be held at Christ College on 22 - 23 Sept.

Senior State Kho Kho championship 2015

Gokul Krishna (ECE S1A) represented Thrissur District Kho-Kho team and the team secured second position in the event held at Kasarkode on 04 - 05 September 2015. He is selected to represent the Kerala State senior team in the National championship to be held at Thelungana.

District Handball Championship

Akshay Anand, Amal T Benny, Mohammed Anas (ME S5), and Akshay A S (ME S7) are selected to represent the Thrissur district team in the State Championship scheduled to be held at Ernakulam.

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