NBA
NATIONAL BOARD OF ACCREDITATION

B.Tech Programmes Accredited by NBA

- Civil Engineering
- Mechanical Engineering
- Electrical & Electronics Engineering

VIDYA ACADEMY OF SCIENCE

INSTITUTION CODE VAS

MAIN

www.vidyaacademy.ac.in

AN ISO 9001:2008 CERTIFIED INSTITUTION

ADMISSION BROCHURE 2016 - 17

vidya
Progress Through Education

Vidya Academy of Science & Technology (VAS)

(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University and Calicut University)

A unit of Vidya International Charitable Trust

Thrissur – 680 501, Kerala, India

Welcome to

Vidya Academy of Science And Technology (VAS)

Vidya Academy of Science & Technology (VAS), a premier ISO certified institution established in 2003 is approved by AICTE and affiliated to both APJ Abdul Kalam Technological University and University of Calicut.

We offer B.Tech., M.Tech. and MCA courses of which B.Tech. Civil Engineering, Electrical & Electronics Engineering and Mechanical Engineering are NBA accredited.

Judged by the infrastructure, facilities and results of university examinations, VAS ranks among the top 3 self-financing Engineering colleges in the state.

We focus on moulding engineers who can take on global competition with strong ethical values.

"*VAS believes that every engineer must be capable of being a 'producer' and hence imparts to her students the confidence to realize any engineer's aspiration for a 'product' while traversing through the design, build, test and research route.*

Come, join us to make things happen and be a real engineer! "

Dr. Sudha Balagopalan
M.Tech., Ph.D.
Principal

- Ph.D (Power Systems) NIT, Calicut
- M.Tech. (Hons) (Power Systems) Government Engineering College, Thrissur
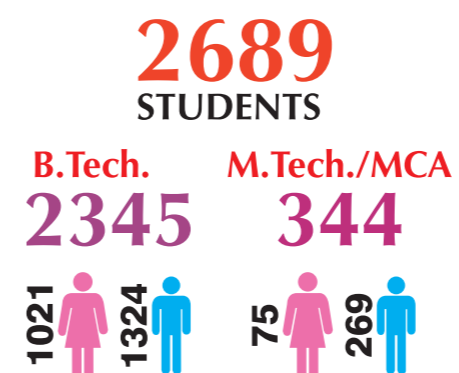- B.Sc. (Engg) (Hons) (Electrical Engineering) NIT, Calicut

Our Vision

Progress through Education

Our Mission

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

VAS Faculty & Students

2689
STUDENTS

B.Tech.	M.Tech./MCA
2345	**344**
1021 / 1324	75 / 269

174
FACULTY

Vidya – A Bird's - Eye View

Ranking
- VAS has secured 30 university ranks during the last decade
- Calicut University has awarded Certificate of Excellence to 14% of B.Tech. students of 2014 batch.
- Our MCA students are university toppers for the last 4 consecutive years

ISTE Awards
- Indian Society for Technical Education (ISTE) has recognized VAS as the Best Chapter of ISTE Kerala Section on the basis of activities carried out during the year 2015.

Univeristy Championship in Sports
- VAS Students have represented Calicut University Fencing (M & W), Judo (M), Tennis (W) and Handball (M) team in the All India Inter University Championships.

Accreditation
- Our B.Tech. courses in Civil, Electrical & Electronics and Mechanical Engineering are accredited by the National Board of Accreditation (NBA).
- An ISO 9001:2008 certified institution
- Accredited by Institution of Engineers (India) and TCS

Placement offers
- Excellent placements in leading companies like TCS, Infosys, Cognizant Technologies, L&T, Accenture, BARC, Assyst International, IBM, Wipro, South Indian Bank, Federal Bank, Poornam Infovision and reputed establishments even abroad.

Infosys Award
- VAS is recognized as an "Advanced Partner Institute" under the Infosys Campus Connect Programme for the year 2015

Students' choice
- VAS is the most sought after self-financing engineering college under Calicut University and one of the top three best sought after colleges among the self financing engineering colleges in the state as attested by the choice of students for admissions. We enjoy a RAND ranking within the first 10% of all engineering colleges in Kerala

Research Centre
- APJ Abdul Kalam Technological University has recognized VAS as a Research centre

Scholarships and Endowments
- Vidya International Charitable Trust (VICT) awards Scholarships for more than 25% students, in addition to several endowments. The Trust spends over Two Crore Rupees every year on Scholarships.

University Toppers

- Ms. Shajna M — MCA, 2011-14 (1st)
- Ms. Tainu Ousey — MCA, 2011-14 (2nd)
- Mr. Ashid Sha J. — PE, 2010-14 (1st)
- Ms. Keerthy J. — CSE, 2010-14 (2nd)
- Ms. Devika K. N. — CE, 2010-14 (2nd)
- Mr. E. R. Rahul Krishnan — PE, 2010-14 (3rd)
- Ms. Aparna M.P. — ECE, 2010-14 (4th)
- Ms. Nimmy K. — CSE, 2010-14 (5th)
- Ms. Shahana M. A. — MCA, 2010-13 (1st)
- Mr. Nitish H. — PE, 2009-13 (1st)
- Ms. Manasa M. — PE, 2009-13 (1st)
- Mr. Girish T. — PE, 2009-13 (2nd)
- Ms. Sobhitha V. — PE, 2009-13 (3rd)
- Ms. Ann Mary John — MCA, 2009-12 (1st)
- Ms. Veena N. V. — MCA, 2008-11 (1st)
- Ms. Uma N. D. — MCA, 2008-11 (3rd)
- Ms. Faseela M. K. — PE, 2008-12 (4th)
- Ms. Harsha P.U. — PE, 2008-12 (5th)
- Mr. Gokul R. — CE, 2008-12 (2nd)
- Ms. Vandana V. — CE, 2008-12 (5th)
- Mr. Jerish P. J. — PE, 2007-11 (1st)
- Mr. Ambareesh P. — PE, 2007-11 (4th)
- Ms. Reeba J. N. — CE, 2006-10 (4th)
- Ms. Anjitha V. E. — CE, 2006-10 (3rd)
- Mr. Suneesh E. — PE, 2006-10 (2nd)
- Mr. Patrick Liton P. J. — PE, 2006-10 (3rd)
- Ms. Nitha A. N. — CE, 2006-10 (1st)
- Ms. Badhriya V.A. — CSE, 2004-08 (3rd)
- Ms. Vidya B. — EEE, 2003-07 (5th)
- Mr. Prabath K. — ME, 2003-07 (4th)

VAS is proud to have 174 members as its full time faculty in engineering and allied subjects

Some of our distinguished faculty members

- Dr. Sudha Balagopalan — Principal
- Dr. K. B. Maheswaran Nampoothiripad — Professor, ME
- Dr. T. N. Padmanabhan Nambiar — Professor, EEE
- Dr. M. N. Agnisarman Namboodiri — Dean, PG Studies
- Dr. V. N. Krishnachandran — Vice Principal
- Col. M. P. Induchudan (Retd) — Professor & Head, CSE
- Prof. Soolapani Varrier — Professor & Head, ME
- Prof. K. V. Leela — Professor & Head, CE
- Prof. T. K. Rajendran — Professor & Head, PE
- Dr. S. Swapna Kumar — Professor & Head, ECE
- Dr. M. C. John Wiselin — Professor & Head, EEE
- Dr. Satheesh S. — Professor & Head, AS
- Dr. Vishnu S. — Professor & Head, Humanities
- Dr. Jiby Jose — Professor, AS
- Prof. Bittu L Lambi — Professor, AS
- Prof. Susanth C. — Professor, AS
- Prof. N. K. Sudev — Professor, AS
- Prof. Nisha A. B. — Applied Science
- Prof. Sobha A. P. — Professor, AS
- Dr. Justin Jose — Professor, CE
- Prof. V. Jayadevan — Professor, CE
- Prof. P. S. Abhilasha — Professor, CE
- Prof. Deepa Mohan — Professor, CE
- Prof. E. T. Sivadasan — Professor, CSE
- Prof. C. Sunitha — Professor, CSE
- Prof. K. A. Jeeva — Professor, ECE
- Prof. Rajesh S. K. — Professor, EEE
- Prof. Mary P. Varghese — Professor, EEE
- Prof. K. Dileep — Professor, ME
- Dr. Sooraj K. Prabha — Professor, ME
- Prof. N. P. Rajesh — Professor, ME
- Prof. K. R. Anil Kumar — Professor, PE
- Prof. Reji C. Joy — Professor, MCA
- Prof. Sajay K. R. — Professor, MCA
- Prof. Dijesh P. — Professor, MCA
- Prof. Jisha Jose Panackkal — Professor, MCA
- Prof. Ramesh K. V. — Professor, Phy. Ed.

Our Outstanding Alumni

Our graduates are spread across the globe developing successful careers built on their VAS experience. VAS Alumni are working in L&T, HAL, Schneider, Philips etc. and have their higher degrees from NITs, IITs several foreign universities including PhD's from abroad. Our Middle East alumni association has over 500 members and is one of the largest alumni chapters of VAS.

Excelled in Higher Studies / Research

Reeba A. J.
CE, VIT, Chennai
1st Rank

Ananthalakshmy
EEE, MIT Manipal
1st Rank

Midhun P. G.
CSE, NIT Suratkal
1st Rank

Ramesh C.R.
ECE, NIT Calicut
1st Rank

Anitha Chandrasekharan
CE, IIT Mumbai
2nd Rank

Aswathy P.
CE, NIT Trichy
2nd Rank

Suneesh
PE, GEC Trichur
2nd Rank

Vandana V.
CE, NIT Trichy
3rd Rank

Nikhil Menon
ME, NIT Calicut
1st Rank

Nitha A. Nalarajan
IIT, Chennai
Research Scholar

Finto Raphel
NIT, Calicut
Research Scholar

Raveen R. Menon
IIT, Mumbai
Research Scholar

Continued their studies abroad
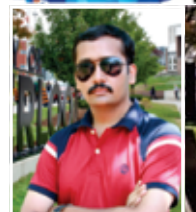
Nithin Padmanabhan
Doctorate Researcher, University of Waterloo

Jayadevan Raja
Research Scholar, State University of NewYork
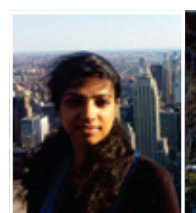
Ananthalakshmy Krishnamoorthy
Graduate Researcher, Worcester Polytechnic Institute, USA

Ajana C. S.
Post Graduate student, University of Illinois, Chicago

Excelled as Entrepreneurs / Leaders

Anup Mohan, Director, Flamingos MEDIA
with his mentor and investor
Kris Gopalakrishnan, co-founder, Infosys

Rishwan Mammootty, Scientific Wizard
Founder & CEO

Jinto Arangassery, Hailstone Pvt. Ltd.
Project Manager

Vipinkumar, IT Charge
World Aerosports 2015

Soumya Sunil, Indian Maritime University
Energy Consumption & Conservation Ship
Building-GLOMARS'15

Dr. Chithra Chakra
GSEP Fellow at University of Saskatchewan
First VAS student to obtain Ph.D. in Petroleum Engg.
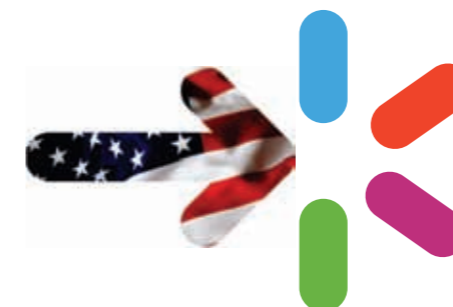
DIRECTLY MIGRATE TO US FROM VAS

Get an American degree.
After 2 years of study in VAST,
Join State University of New York at New Paltz
and obtain the American B.S degree

State University of New York at New Paltz

Alwin Dawis
- After his first 2 years in Vidya, continued his B S Degree from State University of Newyork, New Paltz.
- Presently working with Procter & Gamble as Fabric Care Product Supply Electrical Engineer

110 new Scholarships awarded by Vidya International Charitable Trust (VICT) every year

SI	Name of Scholarship	Course	Nos
1	Vidya Merit - cum - means Full Fee Scholarships for Socially and Economically backward students	B.Tech. / Lateral Entry / MCA	30 / 3 / 3
2	Vidya Excellence Full Fee Scholarships for Entrance toppers	B.Tech.	5
3	Vidya Competence 90% Fee Scholarships for Entrance achievers	B.Tech.	5
4	VIDYA - AICTE Full Fee Waiver Scholarships for Girls, Handicapped and Weaker Sections	B.Tech.	30
5	Vidya Merit - cum - means Half Fee Scholarships	B.Tech. / MCA / Lateral Entry	20 / 2 / 3
6	Vidya Merit - cum - Means Full Fee Arts & Sports Scholarships	B.Tech.	1
7	Vidya Merit - cum - Means Half Fee Arts & Sports Scholarships	B.Tech.	1
8	Vidya PTA Merit - cum - Means Scholarships by PTA	B.Tech.	2
9	Vidya Alumni Merit - cum - Means Scholarships by VIDYA ALUMNI Association	B.Tech.	2
10	Vidya Principal's Scholarship for needy students	B.Tech.	2
11	Vidya Full Fee Scholarship for wards of staff	B.Tech.	1
12	Vidya Half Fee Scholarship for wards of staff	B.Tech.	1

Besides the above, College has instituted several endowments of cash awards for every semester for the first three class toppers. Eligibility criteria detailed in college website **www.vidyaacademy.ac.in**

→ Courses Offered

B.Tech.

	Intake	Lateral Entry	Fee Waiver
Civil Engineering	120	12	6
Computer Science & Engineering	120	12	6
Electronics & Communication Engineering	120	12	6
Electrical & Electronics Engineering	120*	6	3
Mechanical Engineering	120	12	6
Production Engineering	60	6	3

* Approval awaited for 60 seats

M.Tech.

	Intake
Computer Science & Engineering	30
Power Electronics	30
Structural Engineering	24
Embedded Systems	24

MCA

	Intake
Master of Computer Applications (MCA)	60

→ Admission Procedure

- As per the guidelines of the Government of Kerala and APJ Abdul Kalam Technological University and University of Calicut.

- FEES: As per Government norms. For details of admission procedure, fee structure & other information about college – Please visit our web site www.vidyaacademy.ac.in

How to apply

- Application for B.Tech. / B.Tech-LET / M.Tech. / MCA is available online in the college website

- Application forms can be collected either from college office and our city office at Sun Tower, East Fort, Trichur, Tel: 0487-2442571/72

ADMISSION HELPLINES
B.Tech. : 8281 79 5555
M.Tech. : 8281 59 5555
MCA : 8281 39 5555

B.Tech. in Civil Engineering (CE)
NBA Accredited

The department of Civil Engineering was established in 2006. Civil Engineering is a profession that applies the basic principles of science in conjunction with mathematical and computational tools, to solve problems associated with developing and sustaining civilized life.

Major Laboratories

- Surveying Laboratory
- Material Testing Laboratory
- Geotechnical & Transportation Engineering Laboratory
- Environmental Engineering Laboratory
- CAD Laboratory
- PG Structural Engineering Lab

Head of the Department
Prof. K. V. Leela, M.Tech., FIE, MISTE
Professor

B.Tech. in Electronics and Communication Engineering (ECE)

The department of Electronics and Communication Engineering was established in 2003. The course provides strong fundamentals in basic sciences and engineering subjects, with greater emphasis on evolving technologies like VLSI and Embedded Systems, Analog and Digital Signal Processing, Microwave and Mobile Communications etc.

Highlights of Department activities

- Associated with professional societies like IE(I), ISTE and IETE for conducting National Conference, Seminars & Workshops.
- Conducts National Conference (NCOCN), Interdisciplinary Workshops & Training sessions, in which the academics, research scholars, scientists and experts in industry share their knowledge, achievements, experience and perceptions.

Head of the Department
Dr. S. Swapna Kumar, M.Tech., Ph.D., FIE, MISTE
Professor
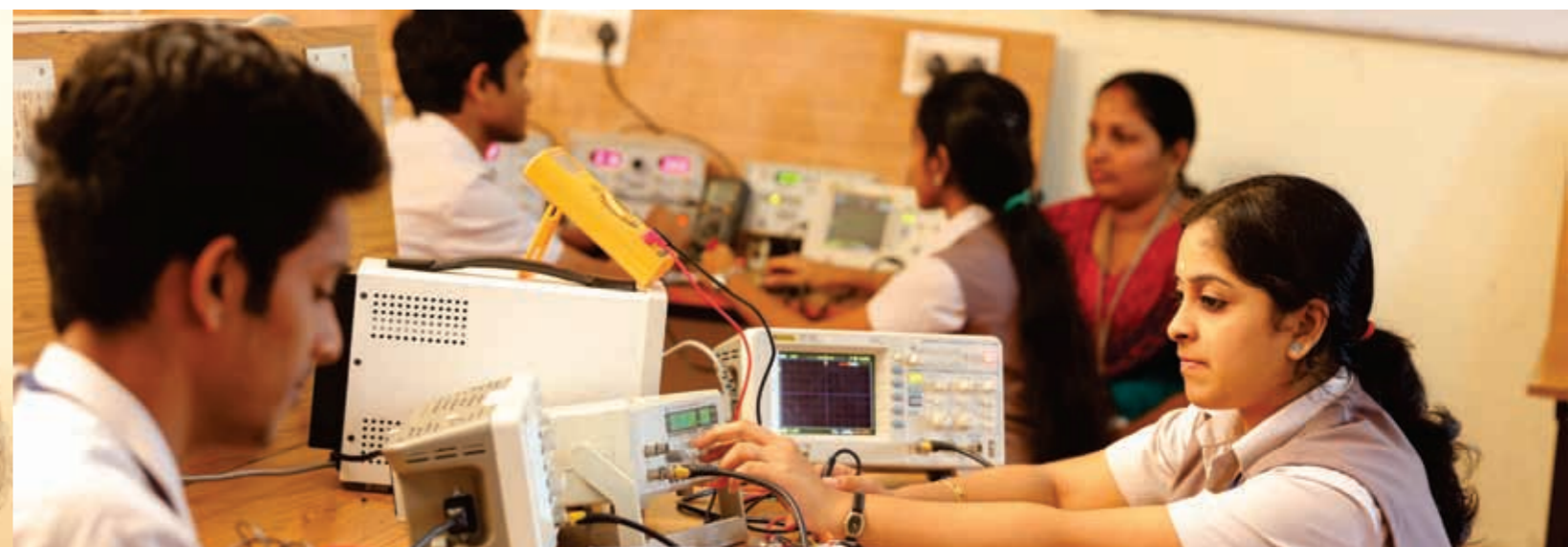
Highlights of Department activities

- The department conducts National Conference (REACT), and technical events in collaboration with industries and research institutions.
- The department takes up all types of consultancy services in building construction, water supply, waste water treatment, solid waste management, watershed management, etc.
- Associated with professional societies like IE(I), ISTE and Kerala State Council for Science, Technology and Environment – Women Scientist Cell.
- The department offers training programmes on softwares like AUTOCAD, Rivet, STADD, CostX etc

Achievements

RANK HOLDERS

- Ms. Nitha A. N. and Ms. Reeba Job our first batch students secured First and Fourth rank respectively in Calicut University B.Tech. Examination in the year 2010.
- Mr. Gokul Ravindran and Ms. Vandana V. secured Second and Fifth rank respectively in Calicut University B.Tech. Examination in the year 2012.
- Ms. Devika K. N. secured Third rank in Calicut University B.Tech. Examination in the year 2014.

Major Laboratories

- Analog Electronics
- Advanced Communication Lab
- Digital & Communication Lab
- Microprocessor & Microcontroller Lab
- Project Lab
- VLSI Lab
- PG Lab

Labs are equipped with latest versions of Xilinx software, Spartan FPGA kits, orCAD, MATLAB, DSP controllers, Digital Storage Oscilloscope, etc.

Achievements

ACHIEVERS

- Ms. Anjitha V. has secured Third rank in Calicut University in the year 2011.
- Ms. Aparna M.P. has secured Fourth rank in Calicut University in the year 2014.
- Mr. Sharoukh Akbar of S7 ECE has been selected as Champion Ambassador of QuEST Global as part of a National Event – Ingenium 2015.
- Ms. Amritha V. and Mr. Jishnu K. Unnikrishnan have secured First Prize in paper presentation competition held at NIT Calicut.

B.Tech in Computer Science and Engineering (CSE)

The department of Computer Science and Engineering was established in 2003 and provides best technological and learning environment to create full-fledged engineers in CSE who will support society by actively participating in the advancement of technology. The course has a comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on practical learning.

Highlights of Department activities

- Institutional membership of Computer Society of India (CSI), Indian Society for Technical Education (ISTE) and Institution of Engineers(IE) are tapped to provide opportunities for the students
- Alliance partners for Infosys campus connect programme, Wipro Mission 10x programme, IBM SEED programme for conducting technical & soft skill development programme
- Established IGNOU-ISTE Programme Centre (IIPC) to run job oriented courses for students. Currently "JAVA" course is offered.

Head of the Department
Col. M. P. Induchudan (Retd)
ME, FIETE, FIE(I), MCSI
Professor

Major Laboratories

- Programming Lab
- Hardware Lab
- Advanced Computer Lab
- Systems Lab
- Project Lab
- PG Lab

Achievements

- Ms. Keerthy Jayadevan has secured second rank in Calicut University in 2014.
- Ms. Nimmy Krishnan has secured fifth rank in Calicut University in 2014.
- Ms. Badhriya V. Abdhul Rahman has secured third rank in Calicut University in 2008.

RANK HOLDERS

VAST signed MoU with ICT Academy of Kerala for conducting training programmes for students and faculty.

B.Tech in Electrical & Electronics Engineering (EEE)
NBA Accredited

The department offers the best of engineering knowledge and experiential learning in its four-year B.Tech. programme in Electrical & Electronics Engineering since 2003. The major thrust in this course is related to all aspects of engineering and control of Generation, Transmission, Distribution and Utilization of Electrical Energy.

Highlights of Department activities

The department has conducted three highly acclaimed International Conferences "EPSCICON" graced by Padmabhooshan Prof. Thomas Kailath, Yutaka Yomomoto, Kok Lay Teo, Anders Lindquist, Eric Chu, Biswa Nath Datta, Mark Liberzon, Galkowski, James Bunch, Delfim Torres, etc. from more than 14 countries. Also, more than 16 interdisciplinary workshops were conducted by experts from premium institutions and industry as a department initiative.

Head of the Department
Dr. John Wiselin M. C., M.E, Ph.D.
Professor

Major Laboratories

- Electrical Machines Lab
- Basic Electrical Engineering Lab
- Power Electronics Lab
- Analog/Digital Electronics lab
- Electrical Measurements/Instrumentation Lab
- Advanced Electrical Engineering Lab
- Research Lab

Achievements

- Ms. Vidya B., secured Third rank in Calicut University in 2007.
- Ms. Sreelakshmy Suresh, secured Sixth rank in Calicut University in 2013.

RANK HOLDERS

MoU signed between VAST and COMMAND tech CAD & IT PVT. LTD for students to get intense practical exposure in Revit, Electrical Design, Electrical BIM Modelling

B.Tech in Production Engineering (PE)

The department was established in 2006. Production Engineering is considered as one of the specialization of Mechanical Engineering. The course has a comprehensive curriculum on topics related to all aspects of manufacturing viz. Casting and joining processes, Metrology, Jigs and Fixtures, Computer Integrated manufacturing, CAD/CAM, Operations research, Mechanics of solids, Tool engineering and design, Engineering drawing, Metallurgy and material science, Machine tool technology, Welding, Machining of materials, Metal forming, Instrumentation and control, etc. The course focuses on latest Manufacturing technologies and Management principles.

Major Laboratories

- Production Engineering Lab I & II
- Metrology Lab   ■ Instrumentation Lab
- Advance Manufacturing Science Lab
- Industrial Engineering Lab

Head of the Department
Prof. T. K. Rajendran, M.Sc. Engg. (NIT, Calicut)
FIE, Chartered Engineer IE (I)
Professor

B.Tech in Mechanical Engineering (ME)
NBA Accredited

The B. Tech Mechanical Engineering course was established in 2003 and accredited by NBA, is one of the most preferred undergraduate course by the engineering aspirants. With the right blend of theory and practice in basic courses such as Mechanics, Design of machines, Computer Aided Design and Manufacturing, Industrial engineering, Finite Element Analysis, Thermal Engineering, etc. this course has well laid itself as a prominent option for the student community.

Major Laboratories

- Cad/Cam & Robotics Lab
- Thermal Lab
- Heat Transfer Lab
- Fluid Mechanics and Machinery Lab
- Production Engineering Lab
- Instrumentation Lab
- Research Lab

Head of the Department
Prof. Soolapani Varrier,
M.Tech.(IIT-M), FIE, MISTE
Professor

Our Production Engineering students have been consistent University Toppers for several years

RANK HOLDERS

Suneesh E (2010)	-	Second Rank
Jerish P. J (2011)	-	First Rank
Patrick Liton P. J (2010)	-	Third Rank
Ambreesh P. (2011)	-	Fourth Rank
Manasa Manohar (2013)	-	First Rank
Girish T, Nitish H. (2013)	-	Second Rank
Shobhitha Venugopal (2013)	-	Third Rank
Ashid Sha Jaleel (2014)	-	First Rank

Highlights of Department activities

- Department conducts National Conference (NAVISSANCE), Inter disciplinary Workshops and Training sessions, in which the academicians, research scholars, scientist and experts in industry share their knowledge, achievements, experience and perceptions.

Achievements

- The department successfully completed research project for which it received a grant of 8 Lakhs funded by KSCSTE.
- Mr. Prabhath. K., a student of 2007 pass-out batch had secured fourth rank in Calicut University.

Mr. Ali Al Suwaidi (Founder Partner, MEFMA) interacts with students during MoU signing Ceremony for PG Course in Facility Management.

Master of Computer Applications (MCA)

Visit Department website: http://mca.vidyaacademy.ac.in

The department has already acquired the status of being one of the leading Computer Application departments under Calicut University. Through a host of curricular, co-curricular and extra-curricular activities, the department strives to provide a unique learning experience to each of its students. The department arranges facilities for getting trained as a true leader to become - a value adding, committed and dedicated professional.

Placements

More than 50% of our students of 2015 batch are placed in the following companies.

- TCS
- Wipro Technologies
- Assyst International
- Accenture
- UST Global
- IBM
- CTS
- Syntel
- Infosys
- Image Info Systems

Achievements

- First Rank in Calicut University in four consecutive years (2011-2014).

RANK HOLDERS

- Ms. Shajna Musthafa (2014)   - 1st Rank
- Ms. Tainu Ousey (2014)   - 2nd Rank
- Ms. Shahana M. A. (2013)   - 1st Rank
- Ms. Ann Mary John (2012)   - 1st Rank
- Ms. Veena M. V. (2011)   - 1st Rank
- Ms. Uma Narayanan D. (2011) - 3rd Rank an has secured Third rank in Calicut University in 2008.

Dr. V. N. Krishnachandran
M.Sc., MISTE, Ph.D.
HoD & Vice-Principal

Highlights of Department activities

- **Workshops in the following and many other areas** : Web Hosting, LaTeX, Malayalam Computing, Google Sites
- **Competitive ambience**: The department provides several opportunities to acquire knowledge and to develop skills to excel in life and work.
- **E-SPIDERZ** : A Web Page Designing Contest being organized from 2009 onwards.
- **Coding Contest** : All Kerala C Coding Contest being organized annually since 2009.
- **MindsparkZ** : A mini serial quiz in six episodes.
- **CHIP-to-NET** : A series of Two-day Workshops for the students of neighboring Arts and Science Colleges

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M.Tech. in Structural Engineering

M.Tech. course in Structural engineering covers numerical methods in Structural engineering, Advanced theory and design of concrete structures, structural dynamics, finite element Analysis, Analysis & design of earthquake resistant structures, Advanced design of metal structures and design of pre-stressed concrete structures.

M.Tech. in Computer Science and Engineering

M.Tech. course is intended to train the students in core courses and specialized topics in the emerging technology fronts. The course equips the graduates with the ability to analyze and apply fundamental principles of computing and mathematics as appropriate to the discipline of computer science and engineering.

M.Tech. in Embedded Systems

The ECE department offers two years M.Tech. course in Embedded Systems. The objective of the course is to mould graduate electronics engineers with the specialization in Embedded System. The course covers a range of topics that makes the students suitable for embedded industrial needs.

The topics taught under this course are design of embedded systems, real-time systems, microcontroller based system design, embedded Networking, VLSI design, real time operating systems, embedded communication and software design, wireless and mobile communication and advanced embedded systems etc.

M.Tech in Power Electronics

The M.Tech. course imparts knowledge in the field of Power Electronics and its application to Electrical Machines, Drives, Industrial Equipment and Power Systems. It also gives hands-on experience through practical and project courses.
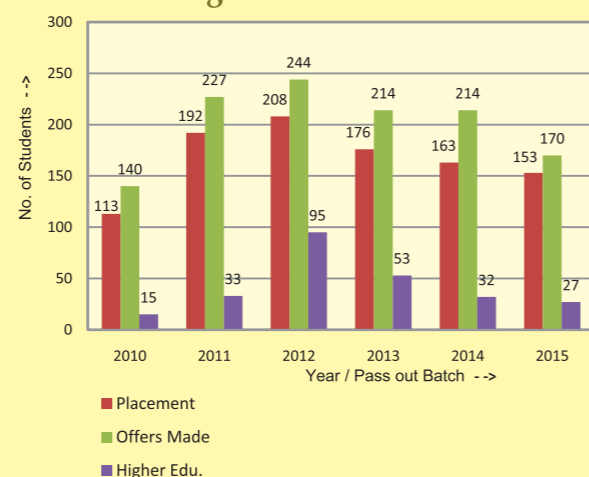
Power Electronics is an emerging area which is concerned with the application of fast developing Electronics into Electrical Machines and Power Systems. Students do meaningful projects under the highly acclaimed tutelage of Dr. T. N. P. Nambiar.
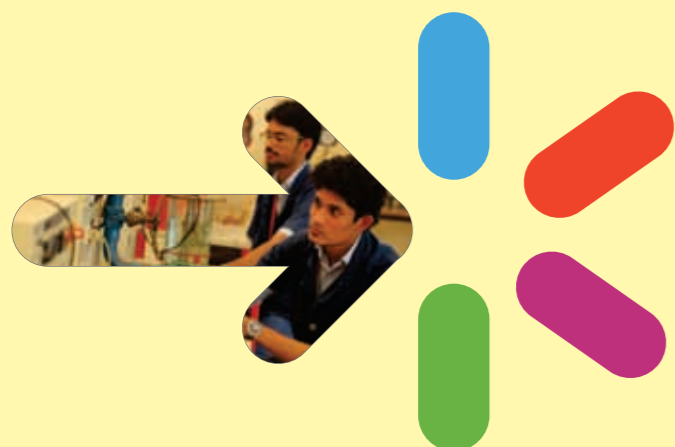
Training and Placement Department

Our Esteemed Recruiters

Sl.	Name of the Company
1	Aarbee Structures
2	Al Reyami
3	Assyst International
4	Cognizant Technologies (CTS)
5	Cybernet Slash Support (CSS)
6	Digital Core Technologies
7	Elgi
8	Federal Bank Ltd
9	IBS Software
10	IBM India Ltd
11	Infosys Ltd
12	ICAD, KSA
13	L&T Infotech
14	Mpahsis India Ltd
15	NeST Technologies
16	Poornam Infovision
17	Penta Homes / COSTFORD
18	Popular Vehicles & Services Ltd
19	Quality International, UAE
20	Reliance Communications ADA
21	Sobha Developers
22	South Indian Bank Ltd
23	Sutherland Global Services Ltd
24	Syntel Inc.
25	Tech Mahindra Ltd
26	Tata Consultancy Services (TCS)
27	TVS Sundaram Fastener
28	UIT CADD Centre
29	US Technologies (UST Global)
30	Wipro Technologies

Placement Status including Alumni Data

Bar chart — No. of Students vs Year / Pass out Batch

- Placement
- Offers Made
- Higher Edu.

Values: 2010 (113, 140, 15); 2011 (192, 227, 33); 2012 (208, 244, 95); 2013 (176, 214, 53); 2014 (163, 214, 32); 2015 (153, 170, 27)

TCS placed students from the 2014 pass out batch.

Mr. Paul J. Chakola, B.Sc., MCA
Training & Placement Head

Previous Experience: Over 15 years of software industry experience and worked for some of the leading companies like ICICI and 3i infotech and as Project Manager with Mastek Limited, Mumbai

Infrastructure & Facilities

Campus

- Over 30 acres of aesthetically landscaped lush green campus providing a serene ambience. Total Built-up area of 4.5 lacs sq.ft
- Spacious fully Air Conditioned auditorium with excellent acoustics having a seating capacity of over 1500. Bank with ATM, Departmental stores, Cafeteria. A food court built to the highest standards of hygiene
- Transportation facility for staff and students: 28 Buses, 20 routes at 45kms radius
- Separate in-campus hostels are provided for men and women with spacious, well-furnished rooms, hygienic mess with medical facility Indoor games & sports, internet, WiFi, T.V & reading room, telephone, Gym, and round the clock security are provided.
- Maximum security within and outside the campus, students insurance and Healthcare facility
- 24 hours power supply plus 400 kVA & 315 kVA HT transformer, Generator-I, II - 380 kVA, 125 kVA,15 kW Solar power Generation
- Biogas plants: 5 Nos. of 41 m3, RO treated oxidized water plant- 5.11kL, Filtration 25kL/hr

Class Rooms and Laboratories

- 61 class rooms equipped with audio-visual facilities
- 52 laboratories with state-of-the-art equipments
- Dedicated and qualified laboratory technicians and staff
- Specialized laboratories established in several frontier thrust areas of Research and Development
- Laboratories certified to carry out Testing & Calibration
- Language laboratory to improve the english language usage among students

Library

- Excellent Library facilities with a carpet area of 1764m^2 catering to needs of curriculum, research and general reading. Access to over 30000 books, 100 periodicals and over 200 e-journals.
- 60 systems with connectivity for accessing electronic resources

Computing & Virtual Facilities

- Over 973 terminals with latest computers. Robust Networking solution and Wi Fi campus with CISCO devices, 4 IBM servers, 10 HP workstations
- Highly sophisticated surveillance and access control system. High end biometric system/Online Attendance
- Dedicated and secured Data centre with powerful rack Servers
- Internet facility with dedicated leased lines
- High end firewall security featured network. Comprehensive multi campus ERP system.

VLSI LAB

VAS CENTRAL LIBRARY

Campus Life

Dr. P. Latha Raj
Director- Student Welfare and Social Projects
Former Principal, Maharaja's College, Ernakulam

Vidya Student Support Cell (VSSC)

Special attention is provided on giving extra care and support to each student throughout the programme with individualized academic planning and mentoring through Vidya Students Support Cell (VSSC). Full time professional counselor and Faculty mentors for every 20 students.

Sameeksha

The trainers club of Vidya known as 'Sameeksha', provides a wide range of value-added training programmes to supplement and enhance the overall educational experience of students.

Counseling

A trained counselor is assigned for each student to give individual attention and counseling to students who face stressful situations.

Skill Development Programmes by SAMEEKSHA

Our Graduation Ceremony

Indian Navy officials interacting with our students

- **VAS Students represented Calicut University Fencing (M & W), Judo (M), Tennis (W) and Handball (M) team in the All India Inter University Championships.**

At VAS strong emphasis is laid on academic, co-curricular & extra-curicular activities to ensure all-round development of the students.

Our Talents at Art Fest

Our Students displaying their physical wellness through Yoga

Ms. Swathika. K. S was adjudged ' Kalathilakam' in the D Zone arts festival of Calicut university.

Professional societies

Institute of Electrical and Electronics Engineers - IEEE

Indian Society for Technical Education - ISTE

Computer Society of India - CSI

Institution of Electronics and Telecommunication Engineers - IETE

Institution of Engineers India - IE(I)

Scientific luminaries hosted by VAS over the years...

Dr. Kuncheria P. Isaac Vice Chancellor Kerala Technological University	**Dr. M. Abdul Rahman** Pro Vice-Chancellor, Kerala Technological University

Dr. Kuncheria P. Isaac
Vice Chancellor
Kerala Technological University

Dr. M. Abdul Rahman
Pro Vice-Chancellor,
Kerala Technological University

Dr. Narayanan Komerath
Gerogia Institute of
Technology, USA

Dr. Shankar P. Bhattacharyya
Texas A & M University

Dr. P. V. Aravind
Delft University of
Technology, Netherlands

Padma Bhushan Dr. Thomas Kailath
Standford Univeristy

Dr. Promod Khargonekar
Univeristy of Florida

Dr. Biswa Nath Datta
Northern
Illinois University

Dr. Kankar Battacharya
Professor, University of
Waterloo, Canada

Prof. Harish Pillai
IIT, Mumbai

Prof. Yutaka Yamamoto
University of Japan

Prof. Eric King Wah Chu
Monash University

Prof. Delfim F. M. Torres
University of Aveiro

Prof. Vivek Borkar
IIT, Mumbai

Dr. D. P. Kothari
Former Professor, IIT Delhi

Other Distinguished Visitors

Dr. Krishnamurthy Kesavasamy
Head Academic Interface
Programme at TCS

Dr. E. Sreedharan
Principal Advisor, DMRC

Dr. Tessy Thomas
Scientist , DRDO

Dr. G. Madhavan Nair
Former Chairman,
ISRO

Dr. Sivan K.
Director, VSSC

Dr. B. S. Manoj
Indian Institute of
Space Science & Technology

Dr. M. Chandrandathan
Former Director, VSSC

The "VAS" Management

BOARD OF MANAGEMENT
VIDYA INTERNATIONAL CHARITABLE TRUST (VICT)

Executive Committee

Er. P. K. Asokan	Chairman
Mr. Samson Checkove	Vice Chairman
Mr. Sabu Soumain	Secretary
Er. B. Sreekumar	Treasurer
Mr. Gireesh Kumar	Joint Secretary
Mr. K. K. Vidyadharan	Executive Member
Er. K. G. Sukumaran	Executive Member
Er. K. P. R. Vijayan	Executive Member
Dr. V. S. Ajaikumar	Executive Member
Mr. K. B. Manjor Kumar	Executive Member
Mr. A. S. Radhakrishnan	Executive Member

Directors

Dr. Gangan Prathap
Research & Academic Director

Er. G. Mohanachandran
Executive Director

Er. R. Devarajan
Project Director

Mr. Suresh Lal
Finance Director

Dr. P. Latha Raj
Director- Student welfare and Social Projects

VICT Co-ordinators

Mr. V. S. Dinamony
Mr. Ramachandran T. B.

Vidya's Dedication to Society

Under the 'Brahma-Outreach' programme of Vidya, more than 100 school children have been trained in soft skills and personality development

Vidya International Charitable Trust (VICT) is a non-profit charitable trust formed by a group of philanthropic non-resident Indians (NRI) from all over the world. The Trust was constituted with a vision to provide state-of-the-art higher education and training to our younger generation who will be eagerly sought after by leading business houses world wide.

VICT in its mission to propel higher education in backward regions of Kerala, is now setting up similar institutions in various parts of state following the good practices and success of VAS.

The Board of Trustees is responsible for the overall administration of the Trust and its activities. An Executive Committee of 11 members, manages the educational institutions of the Trust.

Commitment to the society

Vidya hosts placement linked skill development courses for the rural youth through Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)

Location Map

Way 2 Wadakkancherry
Thalakottukara
3 Km
VAST
Vidya
800 mts
2.5 Km
N
Way 2 Kunnamkulam
Kechery
3 Km
Kaiparambu
Thrissur
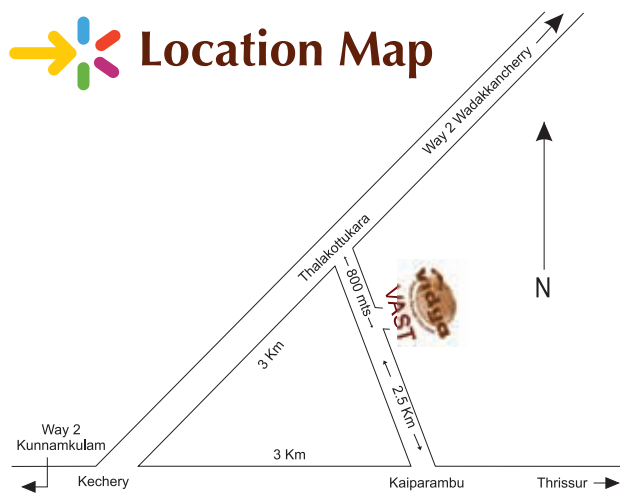
Our second Engineering College at KILIMANOOR (TVM District)

ADMISSION HELPLINES

B.Tech : 8281 79 5555
M.Tech : 8281 59 5555
MCA : 8281 39 5555

vidya
Progress Through Education

Vidya Academy of Science and Technology (VAS)

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University and Calicut University

A Unit of Vidya International Charitable Trust
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Email: principal@vidyaacademy.ac.in, Website: www.vidyaacademy.ac.in